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Literature from the Kentucky Agricultural Experiment Station 1885-1985

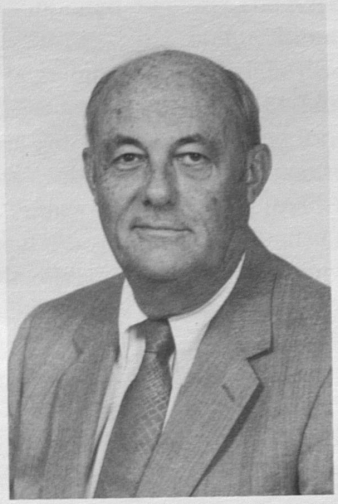
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Bibliography of the Literature from the Kentucky Agricultural Experiment Station 1885-1985

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and
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Dedication



Dr. Charles E. Barnhart
Dean, College of Agriculture
1969-1988

This project would not have happened without the vision of one man, Dr. Charles E. Barnhart, Dean of the University of Kentucky College of Agriculture and Director of the Kentucky Agricultural Experiment Station and Cooperative Extension Service from 1969 through 1988.

Dr. Barnhart believed in the project from its inception, and believed in our ability to complete it. He faithfully funded it when no results were evident. He bought equipment, funded additional help, and never gave us a deadline.

He did this because he had a keen interest in past research and felt that we needed to link the past and present together. He was proud of the accomplishments of the researchers in the College and when asked on his retirement what he felt was his greatest accomplishment, he said the quality of the faculty.

More than one third of the entries in the bibliography were written during Dr. Barnhart's tenure as Dean of the College of Agriculture and Director of the Kentucky Agricultural Experiment Station. This volume is not only a tribute to the researchers who did the work, it is a testament to the man who guided them through so many years of research.

Acknowledgements

A number of people worked on and supported the KAES Indexing Project over the years:

Agnes McDowell began indexing at the beginning and after her retirement continues to index the next phase of this project. Agnes did subject analysis on 90% of the documents and virtually created the subject index. Agnes not only assigned subject descriptors, but also spent a considerable amount of time researching the terminology on the older publications.

Lillian Mesner designed the indexing portion of the project and worked on indexing until her energy had to go into bringing up our online catalog. Lillian set the standards to be used in the project and acted as technical consultant through the entire project.

Amélie Charron was hired as project manager and handled the physical end of the project. She continued to do this after she accepted another position in the Agriculture Library, and still acts as coordinator with the National Agricultural Library in submitting the worksheets.

Gracie Hale organized the electronic end of this project and continues to act as the technical advisor on the production of this printed index as well as the electronic file. Gracie joined the staff of the Agriculture Library in October of 1988 and still devotes part of her time to the KAES Indexing Project.

Graduate Assistants *Lisa Amato, Loren Curtis,* and *Lisa Maciejak* worked on some of the indexing as part of their training but took it seriously and followed through on it.

The KAES Index expanded beyond the Agriculture Library walls and various other people aided the effort:

Dr. C.O. Little, Dean of the College of Agriculture and former Associate Dean for Research, supported the project from its inception and provided funding for personnel. Dr. Little funded the indexing activity during the current phase in some tight financial times.

Dr. James Boling, Associate Dean for Research, secured the funding for printing this index in a tight budget year. His enthusiasm for the project when he saw the final product was rewarding to those of us who worked on it.

Mr. Paul Willis, Director of Libraries at the University of Kentucky, provided funding for copying of worksheets, which was a large amount of copying.

Mr. Joseph Howard, Director of the National Agricultural Library, was interested enough to provide some planning and training money to get the project off the ground.

Dr. Robert Fehr, head of the Agricultural Data Center, was interested in the project from the beginning and provided the services of *Jan Hilton,* d-Base programmer, at no cost. Jan wrote a program to do what we needed; this was the key to the success of the indexing.

Dr. Roy Sigafus, then a faculty member in the Agronomy Department, helped in researching old common plant names, a thankless task.

Dr. Deborah B. Witham, editor at the Kentucky Agricultural Experiment Station, has monitored this project from the beginning.

Mr. Jeffrey Hines, graphic designer in Agricultural Communications, is responsible for the fine appearance of this work.

The KAES Index is truly a joint effort of a number of people, and all of these people sustained their interest and labor over a number of years to produce a publication of high quality.

Antoinette Paris Powell
Director, Agricultural Library

Preface

The Kentucky Agricultural Experiment Station (KAES) Index has existed in author, title, and limited subject form since the late 1960s. This index resided as a card file in the University of Kentucky Agriculture Library and was used by library staff to locate major KAES publications. In the late 1970s plans were made to provide detailed electronic access to this material. In March of 1984, when plans were underway to celebrate the centennial of the Kentucky Agricultural Experiment Station, the time seemed right to pursue a more sophisticated access to the publications.

The project was designed to get maximum results from this effort. The National Agricultural Library (NAL) was contacted about the project to see if they wanted to include indexing from the KAES project into the AGRICOLA database. NAL was not only interested, but they agreed to train the indexing supervisor at their expense. A mini proposal for funding was written and the Dean of the College of Agriculture agreed to fund equipment and additional personnel to get the project off the ground.

The project was also designed so it could be easily duplicated by other institutions. d-Base III Plus was chosen as the indexing program, since most libraries had access to it. The services of a d-Base programmer in the Agricultural Data Center were put at our disposal at no cost, and a program was written to provide both the online access and produce the paper copy. Indexing conventions were drawn up and the *CAB Thesaurus* was selected to provide the controlled vocabulary. In early 1985 indexing began in earnest.

As is common with similar projects, the index took longer than anticipated. It was slated for completion in the Spring of 1985 with copies of the publication to be available in November for the centennial celebration of the Experiment Station. Unfortunately, department needs and unanticipated developments put this project in the background for the last half of 1985 and most of 1986. Work continued, but at a slower pace.

The years passed, but we never lost sight of our goal, and in the spring of 1990 indexing was completed, records were submitted to NAL, and the electronic file for printing was created. The end result was a bibliography with 2,884 entries, an author index with more than 6,000 entries, and a subject index with more than 12,000 subject access points to the publications.



The publication of this tool was designed to honor our past researchers by providing access to their efforts. This index will not be updated in its printed form, but indexing will continue to be contributed to the AGRICOLA database.

The final phase of this project will be the addition of full text of descriptions of research projects in the *Kentucky Agricultural Experiment Station Annual Report*. This sub-file will contain thousands of entries and will be available electronically through the University of Kentucky Agriculture Library. As with this project, the final phase of the KAES project has been temporarily put on hold due to budget constraints, but we hope to return to it this year.

Antoinette Paris Powell
Director, Agriculture Library
July 1992



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Instructions for Use

General Notes about the Index

This bibliography and index is comprehensive for the series that are included. Each piece within the series was accounted for and given comprehensive treatment. The only major series not indexed for this publication is the *Kentucky Agricultural Experiment Station Annual Reports*.

The *Annual Reports* are the last phase of the KAES project, a full-text project. Complete indexing is now being done on each entry in the reports, and this will be included in an electronic file with a full text entry of the research report. To date more than 1,000 worksheets have been generated with subject analysis done. Once that is completed there will be a comprehensive record of the research done by the Kentucky Agricultural Experiment Station, and the mechanism will be in place to continue recording the research.

In this bibliography, analytic entries are provided for some of the publications that had multiple articles in one issue. Indexing was done on each element in the number, at times creating more than fifty indexing entries for one number of a publication. The majority of the analytics were done in the *Progress Reports* series, but some analyzing was also necessary for the *Bulletins*.

The authors' names and page numbering were recorded as they were found on the publications. In some instances we knew the author's name was misspelled but did not correct it in the index. Page numbering varied on some of the older *Bulletins* and dual numbering was done in some of the bulletins issued but not all of them. Generally, the *Annual Reports*, the *Bulletins,* and the *Circulars* were bound together in one volume at the end of the year and continuously paged. Individual numbers of the *Bulletins* and *Circulars* were also paged at the time they were published so they could be sent out as single pieces. These went to the general public, and the bound volumes were exchanged with other institutions. The continuous numbering was preferred for indexing purposes.

This index is organized into four major subdivisions: Bibliography, Author Index, Title Index, and Subject Index.

The Bibliography

The Bibliography is arranged chronologically by series and within the series. The *Bulletin* series appears first as it was the first series to be published by the Kentucky Agricultural Experiment Station. The publications are then listed in the order that they were issued. The entries are numbered consecutively through the entire issue with *Bulletin* no. 1 being entry number 1 and *Special Report* no. 86-2 being entry no. 2884. The index entries refer the user back to the entry number.

The bibliographic entry includes all authors of the publication, the complete title, the series and number it was issued as, the page numbers, and the location call number in the University of Kentucky Agriculture Library. This was added to the paper file for the benefit of the local people using this publication.

The Author Index

The Author Index includes up to 10 authors for each publication, arranged alphabetically by the authors' last names. All authors' names appear as last name, then first name, and middle initial if available. Some authors occasionally varied the form of their names. If the middle initial appeared on one publication and not the other, the author is listed twice, under each variation. The misspellings were also troublesome but were not corrected as that is how they will appear in the national indexing system.

The Title Index

The Title Index alphabetically lists, by the first major term in the title, all titles issued by the

KAES that are indexed in this publication. Initial articles are excluded in the alphabetical sequence of the index but are sorting elements within the title itself.

The Subject Index

The Subject Index is the most comprehensive part of this publication and was the most labor intensive to produce. Some entries received as many as 26 subject headings to adequately describe the content of the document. The Subject Index actually reflects the merging of three fields of the electronic file into one alphabetical listing: the controlled subject headings, the uncontrolled subject headings, and the geographic terms.

The "controlled" subject headings were devised from the *CAB Thesaurus*, the same thesaurus used for indexing in AGRICOLA, the database of the U.S. National Agricultural Library. Every attempt was made to adequately describe the document using those headings, but at times they simply did not reflect the local nature of the subject.

To compensate, we added "uncontrolled" headings, terms that were not in the *CAB Thesaurus* but were needed for retrieval of the document. Examples of uncontrolled terms are the regional common names for fruits or vegetables. The scientific name would be in the controlled vocabulary but we felt that the common name should also be included for retrieval purposes.

The "geographic" terms were added for those publications dealing with a specific area in Kentucky, whether it was an Extension area or a particular county. This was done to provide retrieval of publications of local interest.

Because the subject index was devised as a machine file with retrieval to be done using Boolean searching techniques, much cleanup and enrichment had to be done for the paper product. The general terms (such as regulations or variety trials) that added nothing to the index were deleted or moved under the subject they dealt with. Some subdividing was done on the larger subjects to help users narrow their focus. The subject index required the most human intervention on this project and took many hours to clean up and complete.

BIBLIOGRAPHY

Bulletin - Kentucky Agricultural Experiment Station
No. 1- 1885-

The Bulletin series was the first major series produced by the Kentucky Agricultural Experiment Station. The series reported the results of research on a variety of topics and was the primary source of publication of Experiment Station research. Included in the last Bulletin for some years was additional material called Analyses, Mineral Waters, and Meteorological Summaries. Some Bulletins were also called Research Bulletins. The Bulletin series continues today but publication activity is light.

1. Menke, A.E.
Do Fertilizers Affect the Quality of Tobacco?
Bulletin no. 1; 1885, 2p.
630.72 K419b

2. Scovell, M.A.
Corn-fodder as Food for Stock
Bulletin no. 2; 1886, 4p.
630.72 K419b

3. Menke, A.E.
Milk
Bulletin no. 3; 1886, 3p.
630.72 K419b

4. Menke, A.E., Gunn, R.T.
Distillery Slop
Bulletin no. 4; 1886, 6p.
630.72 K419b

5. Scovell, M.A.
Analyses of Feeding-stuffs
Bulletin no. 5; 1886, 26p.
630.72 K419b

6. Menke, A.E., Hillenmeyer, H.F.
Clover
Bulletin no. 6; 1886, 7p.
630.72 K419b

7. Scovell, M.A.
Fertilizers
Bulletin no. 7; 1886, 14p.
630.72 K419b

8. Scovell, M.A.
Experiments with Wheat
Bulletin no. 8; 1886, 12p.
630.72 K419b

9. Scovell, M.A.
Experiments with Potatoes
Bulletin no. 9; 1887, 13p.
630.72 K419b

10. Scovell, M.A.
Fertilizer Analyses
Bulletin no. 10; 1887, 16p.
630.72 K419b

11. Scovell, M.A.
Experiments with Wheat
Bulletin no. 11; 1887, 15p.
630.72 K419b

12. Scovell, M.A.
Fertilizer Analyses
Bulletin no. 12; 1887, 3p.
630.72 K419b

13. Scovell, M.A.
Commercial Fertilizers
Bulletin no. 13; 1888, 8p.
630.72 K419b

14. Scovell, M.A.
Artificial or Commercial Fertilizers
Bulletin no. 14; 1888, 22p.
630.72 K419b

15. Scovell, M.A.
Experiments with Wheat
Bulletin no. 15; 1888, 16p.
630.72 K419b

16. Scovell, M.A.
Peter, A.M.
Experiments with Potatoes
Bulletin no. 16; 1888, p. 1-21
630.72 K419b

17. Scovell, M.A.
Peter, A.M.
On the Use of London Purple to Destroy the Potato Bug
Bulletin no. 16; 1888, p. 22
630.72 K419b

18. Scovell, M.A.
Peter, A.M.
Field Experiments with Corn
Bulletin no. 17; 1889, 21p.
630.72 K419b

19. Scovell, M.A.
Peter, A.M.
Hemp Experiments
Bulletin no. 18; 1889, p. 1-8
630.72 K419b

20. Scovell, M.A.
Peter, A.M.
Notes on the Treatment of an Old Apple Orchard
Bulletin no. 18; 1889, p. 9-14
630.72 K419b

21. Connell, J.H.
Experiments in Pig Feeding
Bulletin no. 19; 1889, 19p.
630.72 K419b

22. Scovell, M.A.
Artificial or Commercial Fertilizers
Bulletin no. 20; 1889, 20p.
630.72 K419b

23. Scovell, M.A.
Curtis, C.L.
Experiments with Wheat
Bulletin no. 21; 1889, p. 1-15
630.72 K419b

24. Garman, H.
Grain Louse *(Siplonophora avenae)*
Bulletin no. 21; 1889, p. 16-22
630.72 K419b

25. Scovell, M.A.
Peter, A.M.
Potato Experiments—1889
Bulletin no. 22; 1889, 23p.
630.72 K419b

26. Scovell, M.A.
Experiments with Oats
Bulletin no. 23; 1890, p. 1-9
630.72 K419b

27. Scovell, M.A.
Fertilizer Experiments on Meadow Land
Bulletin no. 23; 1890, p. 9-13
630.72 K419b

28. Garman, H.
Broom-rape of Hemp and Tobacco
Bulletin no. 24; 1890, 20p.
630.72 K419b

29. Scovell, M.A.
Strawberries—1890
Bulletin no. 25; 1890, 3p.
630.72 K419b

30. Scovell, M.A.
Peter, A.M.
Experiments with Corn
Bulletin no. 26; 1890, 30p.
630.72 K419b

31. Scovell, M.A.
Experiments with Commercial Fertilizers on Hemp
Bulletin no. 27; 1890, 11p.
630.72 K419b

32. Scovell, M.A.
Experiments with Fertilizers on Tobacco
Bulletin no. 28; 1890, 15p.
630.72 K419b

33. Scovell, M.A.
Analyses of Commercial Fertilizers
Bulletin no. 29; 1890, 16p.
630.72 K419b

34. Scovell, M.A.
Experiments with Wheat—1890
Bulletin no. 30; 1890, p. 1-16
630.72 K419b

35. Garman, H.
New Wheat Fly *(Oscinis variabilis? Lowew.)*
Bulletin no. 30; 1890, p. 16-20
630.72 K419b

36. Garman, H.
Some Strawberry Pests
Bulletin no. 31; 1890, 27p.
630.72 K419b

37. Curtis, C.L.
Strawberries—Test of Varieties
Bulletin no. 32; 1891, p. 1-9
630.72 K419b

38. Curtis, C.L.
Vegetables
Bulletin no. 32; 1891, p. 10-20
630.72 K419b

39. Scovell, M.A.
Experiments with Corn
Bulletin no. 33; 1891, 15p.
630.72 K419b

40. Scovell, M.A.
Commercial Fertilizers
Bulletin no. 34; 1891, 23p.
630.72 K419b

41. Scovell, M.A.
Experiments with Wheat—1891
Bulletin no. 35; 1891, p. 1-14
630.72 K419b

42. Scovell, M.A.
Curtis, C.L.
Experiments with Oats
Bulletin no. 35; 1891, p. 14-16
630.72 K419b

43. Scovell, M.A.
Commercial Fertilizers
Bulletin no. 36; 1891, 4p.
630.72 K419b

44. Scovell, M.A.
Potato Experiments—1891
Bulletin no. 37; 1891, 16p.
630.72 K419b

45. Curtis, C.L.
Experiments with Vegetables
Bulletin no. 38; 1892, p. 1-20.
630.72 K419b

46. Curtis, C.L.
Experiments with Strawberries
Bulletin no. 38; 1892, p. 21-22
630.72 K419b

47. Peter, A.M.
Preliminary Work on Some Kentucky Marls
Bulletin no. 39; 1892, 11p.
630.72 K419b

48. Garman, H.
Some Common Pests of the Farm and Garden
Bulletin no. 40; 1892, 51p.
630.72 K419b

49. Scovell, M.A.
Commercial Fertilizers
Bulletin no. 41; 1892, 23p.
630.72 K419b

50. Scovell, M.A.
Wheat Experiments—1892
Bulletin no. 42; 1892, p. 1-14
630.72 K419b

51. Scovell, M.A.
Experiments with Oats
Bulletin no. 42; 1892, p. 15-16
630.72 K419b

52. Scovell, M.A.
Commercial Fertilizers
Bulletin no. 43; 1892, 2p.
630.72 K419b

53. Garman, H.
Bordeaux Mixture for Apple Pests
Bulletin no. 44; 1893, 34p.
630.72 K419b

54. Scovell, M.A.
Field Experiments with Fertilizers
Bulletin no. 45; 1893, 18p.
630.72 K419b

55. Scovell, M.A.
Commercial Fertilizers
Bulletin no. 46; 1893, 22p.
630.72 K419b

56. Garman, H.
Pests of Shade and Ornamental Trees
Bulletin no. 47; 1893, p. 1-53.
630.72 K419b

57. Garman, H.
Experiment on Plum Rot
Bulletin no. 47; 1893, p. 53-55
630.72 K419b

58. Scovell, M.A.
Commercial Fertilizers
Bulletin no. 48; 1894, 4p.
630.72 K419b

59. Garman, H.
Destructive Locusts in Kentucky
Bulletin no. 49; 1894, p. 5-22
630.72 K419b

60. Garman, H.
Bud-Worm of Tobacco
Bulletin no. 49; 1894, p. 23-24
630.72 K419b

61. Mathews, C.W.
Fruit Growing in Kentucky
Bulletin no. 50; 1894, p. 25-41
630.72 K419b

62. Mathews, C.W.
Notes upon Vegetables
Bulletin no. 50; 1894, p. 42-53
630.72 K419b

63. Peter, A.M.
Curtis, H.E.
Scovell, M.A.
Commercial Fertilizers
Bulletin no. 51; 1894, p. 55-80
630.72 K419b

64. Scovell, M.A.
Commercial Fertilizers
Bulletin no. 52; 1894, p. 81-116
630.72 K419b

65. Garman, H.
Spraying for Codling-Moth
Bulletin no. 53; 1894, p. 117-125
630.72 K419b

66. Garman, H.
Use of Arsenites of Tobacco
Bulletin no. 53; 1894, p. 125-143
630.72 K419b

67. Garman, H.
Use of Bisulphide of Carbon and Hydrocyanic Acid Gas for the Insect Enemies of Low-Growing Plants
Bulletin no. 53; 1894, p. 144-150
630.72 K419b

68. Notes on Vegetables
Bulletin no. 54; 1895, 36p.
630.72 K419b

69. Scovell, M.A.
Field Experiments with Fertilizers
Bulletin no. 55; 1895, p. 37-55
630.72 K419b

70. Scovell, M.A.
Peter, A.M.
Curtis, H.E.
Analyses of Commercial Fertilizers
Bulletin no. 56; 1895, p. 57-72
630.72 K419b

71. Scovell, M.A.
Wheat Experiments
Bulletin no. 57; 1895, p. 73-83
630.72 K419b

72. Scovell, M.A.
Experiments with Oats
Bulletin no. 57; 1895, p. 84-86
630.72 K419b

73. Garman, H.
Cutworms in Kentucky
Bulletin no. 58; 1895, p. 87-109
630.72 K419b

74. Garman, H.
Experiments for Checking Apple Rot and Codling Moth, in 1895
Bulletin no. 59; 1895, p. 111-129
630.72 K419b

75. Scovell, M.A.
Peter, A.M.
Curtis, H.E.
Analyses of Commercial Fertilizers
Bulletin no. 60; 1895, p. 131-142
630.72 K419b

76. Scovell, M.A.
Potatoes. 1. Tests with Fertilizers
Bulletin no. 61; 1896, p. 1-13
630.72 K419b

77. Garman, H.
Potatoes. 2. Insect and Fungus Enemies of Potatoes in Kentucky
Bulletin no. 61; 1896, p. 14-35
630.72 K419b

78. Mathews, C.W.
Potatoes. 3. Varieties of Potatoes
Bulletin no. 61; 1896, p. 36-42
630.72 K419b

79. Mathews, C.W.
Strawberries New and Old
Bulletin no. 62; 1896, p. 43-57
630.72 K419b

80. Scovell, M.A.
Peter, A.M.
Tobacco. 1. Test of Fertilizers
Bulletin no. 63; 1896, p. 59-68
630.72 K419b

81. Garman, H.
Tobacco. 2. The Use of Arsenites on Tobacco
Bulletin no. 63; 1896, p. 69-80
630.72 K419b

82. Scovell, M.A.
Peter, A.M.
Curtis, H.E.
Analyses of Commercial Fertilizers
Bulletin no. 64; 1896, p. 81-96
630.72 K419b

83. Scovell, M.A.
Peter, A.M.
Curtis, H.E.
Analyses of Commercial Fertilizers
Bulletin no. 65; 1896, p. 97-108
630.72 K419b

84. Scovell, M.A.
Spurr, R.J.
Tobacco. 1. Test of Fertilizers
Bulletin no. 66; 1897, p. 1-6
630.72 K419b

85. Garman, H.
Tobacco. 2. Notes on Tobacco Worms, from Observations Made in 1896
Bulletin no. 66; 1897, p. 6-32
630.72 K419b

86. Garman, H.
Tobacco. 3. Notes on Several Tobacco Insects and on Two Imperfectly Known Diseases of Tobacco
Bulletin no. 66; 1897, p. 33-39
630.72 K419b

87. Garman, H.
San Jose Scale in Kentucky
Bulletin no. 67; 1897, p. 41-59
630.72 K419b

88. Scovell, M.A.
Peter, A.M.
Curtis, H.E.
Analyses of Commercial Fertilizers
Bulletin no. 68; 1897, p. 61-75
630.72 K419b

89. Scovell, M.A.
Garman, H.
Wheat
Bulletin no. 69; 1897, p. 77-96
630.72 K419b

90. Garman, H.
Woolly Mullein *(Verbascum phlomoides)* in Kentucky
Bulletin no. 70; 1897, p. 97-107
630.72 K419b

91. Garman, H.
Gape Disease of Young Poultry
Bulletin no. 70; 1897, p. 107-112
630.72 K419b

92. Scovell, M.A.
Peter, A.M.
Curtis, H.E.
Analyses of Commercial Fertilizers
Bulletin no. 71; 1897, p. 113-123
630.72 K419b

93. Scovell, M.A.
Potatoes. 1. Tests with Fertilizers
Bulletin no. 72; 1898, p. 1-9
630.72 K419b

94. Garman, H.
Potatoes. 2. Corrosive Sublimate and Flour of Sulphur for Potato Scab—Experiments Made in 1896
Bulletin no. 72; 1898, p. 9-17
630.72 K419b

95. Garman, H.
Potatoes. 3. The Use of Corrosive Sublimate for Potato Scab in 1897
Bulletin no. 72; 1898, p. 17-23
630.72 K419b

96. Mathews, C.W.
Strawberry Results in 1897
Bulletin no. 73; 1898, p. 25-42
630.72 K419b

97. Garman, H.
Chinch-Bug
Bulletin no. 74; 1898, p. 43-70
630.72 K419b

98. Garman, H.
Earthworms a Source of Gapes in Poultry
Bulletin no. 74; 1898, p. 71-73
630.72 K419b

99. Scovell, M.A.
Peter, A.M.
Curtis, H.E.
Commercial Fertilizers
Bulletin no. 75; 1898, p. 75-90
630.72 K419b

100. Scovell, M.A.
Peter, A.M.
Curtis, H.E.
Commercial Fertilizers
Bulletin no. 76; 1898, p. 95-105
630.72 K419b

101. Scovell, M.A.
Garman, H.
Wheat
Bulletin no. 77; 1898, p. 107-122
630.72 K419b

102. Garman, H.
Ginseng, its Nature and Culture
Bulletin no. 78; 1898, p. 123-156
630.72 K419b

103. Scovell, M.A.
Peter, A.M.
Curtis, H.E.
Commercial Fertilizers
Bulletin no. 79; 1898, p. 157-197
630.72 K419b

104. Garman, H.
Some Pests Likely to be Disseminated from Nurseries
Bulletin no. 80; 1899, p. 199-265
630.72 K419b

105. Garman, H.
Nursery Inspection Law
Bulletin no. 80; 1899, p. 266-273
630.72 K419b

106. Garman, H.
Method of Avoiding Lettuce Rot
Bulletin no. 81; 1899, p. 1-4
630.72 K419b

107. Garman, H.
Potato Scab: Experiments Made in 1898
Bulletin no. 81; 1899, p. 5-11
630.72 K419b

108. Scovell, M.A.
Peter, A.M.
Curtis, H.E.
Commercial Fertilizers
Bulletin no. 82; 1899, p. 13-32
630.72 K419b

109. Scovell, M.A.
Garman, H.
Wheat
Bulletin no. 83; 1899, p. 33-50
630.72 K419b

110. Garman, H.
Elms and their Diseases
Bulletin no. 84; 1899, p. 51-75
630.72 K419b

111. Scovell, M.A.
Peter, A.M.
Curtis, H.E.
Analyses of Commercial Fertilizers
Bulletin no. 85; 1899, p. 77-129
630.72 K419b

112. Scovell, M.A.
Peter, A.M.
Inspection and Analyses of Foods
Bulletin no. 86; 1900, p. 1-51
630.72 K419b

113. Garman, H.
Kentucky Forage Plants—the Grasses
Bulletin no. 87; 1900, p. 53-110
630.72 K419b

114. Peter, A.M.
Analyses of some Kentucky Grasses
Bulletin no. 87; 1900, p. 111-122
630.72 K419b

115. Scovell, M.A.
Peter, A.M.
Curtis, H.E.
Analyses of Commercial Fertilizers
Bulletin no. 88; 1900, p. 123-173
630.72 K419b

116. Scovell, M.A.
Garman, H.
Wheat
Bulletin no. 89; 1900, p. 175-198
630.72 K419b

117. Analyses of Commercial Fertilizers
Bulletin no. 90; 1900, p. 199-230
630.72 K419b

118. Garman, H.
Enemies of Cucumbers and Related Plants
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630.72 K419b

119. Garman, H.
Experiments with Potato Scab
Bulletin no. 91; 1901, p. 56-59
630.72 K419b

120. Garman, H.
Food of the Toad
Bulletin no. 91; 1901, p. 60-68
630.72 K419b

121. Mathews, C.W.
Grapes
Bulletin no. 92; 1901, p. 69-97
630.72 K419b

122. Garman, H.
Diseases of Nursery Stock, with a List of Inspected Kentucky Nurseries
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123. Garman, H.
Rabbits and Their Injuries to Young Trees
Bulletin no. 93; 1901, p. 111-118
630.72 K419b

124. Harper, J.N.
Garman, H.
Wheat
Bulletin no. 94; 1901, p. 119-131
630.72 K419b

125. Analyses of Commercial Fertilizers
Bulletin no. 95; 1901, p. 131-190
630.72 K419b

126. Garman, H.
Hessian Fly
Bulletin no. 96; 1901, p. 191-198
630.72 K419b

127. Garman, H.
Dangerous Mosquitoes in Kentucky
Bulletin no. 96; 1901, p. 199-215
630.72 K419b

128. Garman, H.
Poisonous and Edible Mushrooms
Bulletin no. 96; 1901, p. 215-222
630.72 K419b

129. Analyses of Commercial Fertilizers
Bulletin no. 97; 1901, p. 223-261
630.72 K419b

130. Garman, H.
Kentucky Forage Plants—the Clovers and their Allies
Bulletin no. 98; 1902, p. 1-46
630.72 K419b

131. Garman, H.
Notes on True Grasses Growing in the Plots in 1900-1901
Bulletin no. 98; 1902, p. 47-50
630.72 K419b

132. Peter, A.M.
Analyses of Forage Plants from the Plots
Bulletin no. 98; 1902, p. 51-61
630.72 K419b

133. Harper, J.N.
Peter, A.M.
Oats
Bulletin no. 99; 1902, p. 63-78
630.72 K419b

134. Scovell, M.A.
Inspection and Analyses of Foods
Bulletin no. 100; 1902, p. 79-85
630.72 K419b

135. Allen, R.M.
Adulterated Food Products
Bulletin no. 100; 1902, p. 86-147
630.72 K419b

136. May, D.W.
Comparison of Feeds for Pigs
Bulletin no. 101; 1902, p. 149-164
630.72 K419b

137. Analyses of Commercial Fertilizers
Bulletin no. 102; 1902, p. 165-225
630.72 K419b

138. Garman, H.
Hessian Fly Experiments
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630.72 K419b

139. Analyses of Commercial Fertilizers
Bulletin no. 104; 1902, p. 245-281
630.72 K419b

140. Garman, H.
Broom-rapes
Bulletin no. 105; 1903, p. 1-44
630.72 K419b

141. May, D.W.
Feeding Dairy Cows
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630.72 K419b

142. Garman, H.
17-year Locusts in Kentucky
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630.72 K419b

143. May, D.W.
Some Results in Steer Feeding
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144. Analyses of Commercial Fertilizers
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145. Garman, H.
Nursery Inspection and San Jose Scale
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630.72 K419b

146. Garman, H.
Hessian Fly in 1902-1903
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147. Analyses of Commercial Fertilizers
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630.72 K419b

148. Harper, J.N.
Peter, A.M.
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149. Garman, H.
Insects Injurious to Cabbage
Bulletin no. 114; 1904, p. 13-47
630.72 K419b

150. Harper, J.N.
Wheat: Field Test of Varieties
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151. Garman, H.
On an Injury to Fruits by Insects and Birds
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630.72 K419b

152. Garman, H.
Apple Tree Measuring Worm *Ennomos subsignaria*
Bulletin no. 116; 1904, p. 79-81
630.72 K419b

153. Garman, H.
Fall Beauty, a New Apple Originating in Kentucky
Bulletin no. 116; 1904, p. 82-84
630.72 K419b

154. Analyses of Commercial Fertilizers
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630.72 K419b

155. Harper, J.N.
Corn: Field Tests
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630.72 K419b

156. Allen, R.M.
Labels on Adulterated and Imitation Foods Sold in Kentucky
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630.72 K419b

157. Garman, H.
Some Tree- and Wood-Infesting Insects
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158. Garman, H.
Cabbage Snakes
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159. Analyses of Commercial Fertilizers
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160. Scherffius, W.H.
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161. Scherffius, W.H.
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630.72 K419b

162. Analyses of Commercial Fertilizers
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630.72 K419b

163. Garman, H.
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164. Garman, H.
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165. Peter, A.M.
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Soils
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166. Garman, H.
Didlake, M.L.
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167. Analyses of Commercial Fertilizers
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168. Scherffius, W.H.
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169. Garman, H.
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170. Garman, H.
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171. Turner, J.D.
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172. Analyses of Commercial Fertilizers
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174. Garman, H.
Apple Orchard Pests in Kentucky
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175. Allen, R.M.
Milk Supply of Kentucky—Louisville
Bulletin no. 134; 1908, p. 73-323
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176. Scherffius, W.H.
Woosley, H.
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177. Analyses of Commercial Fertilizers
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178. Garman, H.
Army-worm
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179. Analyses of Commercial Fertilizers
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180. Scherffius, W.H.
Woosley, H.
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181. Roberts, G.
Fertilizers
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182. Turner, J.D.
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Concentrated Commercial Feeding Stuffs
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183. Garman, H.
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187. Garman, H.
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205. Healy, D.J.
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215. Turner, J.D.
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217. Hooper, J.J.
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224. Hooper, J.J.
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243. Kastle, J.H.
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244. Roberts, G.
Teachings of the Kentucky Agricultural Experiment Station Relative to Soil Fertility
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249. Pinnell, W.R.
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254. Curtis, H.E.
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Commercial Fertilizers
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255. Buckner, G.D.
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261. Turner, J.D.
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262. Good, E.S.
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263. Curtis, H.E.
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266. Graham, R.
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Studies in Forage Poisoning—VI: An Anaerobic Organism Isolated from Ensilage of Etiologic Significance
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267. LaBach, J.O.
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270. Cregor, N.M.
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271. Anderson, W.S.
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American Jack Stock and Mule Production
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273. Curtis, H.E.
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Commercial Fertilizers
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274. Good, E.S.
Mann, L.B.
Care and Management of Sheep in Kentucky
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275. Olney, A.J.
Mathews, C.W.
Strawberries
Bulletin no. 216; 1918, p. 65-94
630.72 K419b

276. Nicholls, W.D.
Hutson, J.B.
Profitable Dairy-Farm Organization in Kentucky
Bulletin no. 217; 1918, p. 95-146
630.72 K419b

277. Olney, A.J.
Some Experiments with Tomatoes
Bulletin no. 218; 1918, p. 147-160
630.72 K419b

278. Curtis, H.E.
Rodes, W.
Commercial Fertilizers
Bulletin no. 219; 1918, p. 161-259
630.72 K419b

279. Buckner, G.D.
Peter, A.M.
Wilkins, R.H.
Hooper, J.J.
Effect of Certain Grain Rations on the Growth of the White Leghorn Chick and their Influence on Subsequent Egg-Production
Bulletin no. 220; 1919, p. 1-20
630.72 K419b

280. Humphrey, J.R.
Marketing Hemp
Bulletin no. 221; 1919, p. 21-43
630.72 K419b

281. Nicholls, W.D.
Tractor Experience in Kentucky
Bulletin no. 222; 1919, p. 45-68
630.72 K419b

282. Turner, J.D.
Spears, H.D.
Peter, A.M.
Feeds and their Use—Inspection and Analyses
Bulletin no. 223; 1919, p. 69-255
630.72 K419b

283. Curtis, H.E.
Rodes, W.
Allen, H.R.
Commercial Fertilizers
Bulletin no. 224; 1919, p. 257-372
630.72 K419b

284. Garman, H.
Jewett, H.H.
Broods of the Tobacco Worms
Bulletin no. 225; 1920, p. 1-24
630.72 K419b

285. Valleau, W.D.
Seed Corn Infection with *Fusarium moniliforme* and its Relation to the Root and Stalk Rots
Bulletin no. 226; 1920, p. 25-51
630.72 K419b

286. Garman, H.
Observations on the Structure and Coloration of the Larval Corn-ear Worm *(Chloridea obsoleta)*, the Bud Worm *(Chloridea virescens)* and a Few other ...
Bulletin no. 227; 1920, p. 53-84
630.72 K419b

287. Roberts, G.
Ewan, A.E.
Report on Soil Experiment Fields
Bulletin no. 228; 1920, p. 85-120
630.72 K419b

288. Roberts, G.
Ewan, A.E.
Maintenance of Fertility
Bulletin no. 228; 1920, p. 121-131
630.72 K419b

289. Nicholls, W.D.
Peck, F.W.
Cost of Producing Tobacco in Kentucky (a Preliminary Report)
Bulletin no. 229; 1920, p. 133-190
630.72 K419b

290. Curtis, H.E.
Allen, H.R.
Ridgell, R.H.
Analyses of Commercial Fertilizers
Bulletin no. 230; 1920, p. 191-320
630.72 K419b

291. Garman, H.
Relation of the Kentucky Species of Solidago to the Period of Activity of Adult Cyllene Robiniae
Bulletin no. 231; 1921, p. 1-22
630.72 K419b

292. Kinney, E.J.
Roberts, G.
Soybeans
Bulletin no. 232; 1921, p. 23-58
630.72 K419b

293. Good, E.S.
Horlacher, L.J.
Grimes, J.C.
Comparison of Corn Silage and Sorghum Silage for Fattening Steers
Bulletin no. 233; 1921, p. 59-89
630.72 K419b

294. Hooper, J.J.
Studies of Dairy Cattle. 1. Inheritance of Color Markings in Jersey Cattle
Bulletin no. 234; 1921, p. 91-114
630.72 K419b

295. Hooper, J.J.
Bacon, P.E.
Studies of Dairy Cattle. 2. Influence of Oestrum or Heat on the Production of Milk and Butter Fat
Bulletin no. 234; 1921, p. 115-118
630.72 K419b

296. Hooper, J.J.
Studies of Dairy Cattle. 3. Influence of Age and Pregnancy on the Production of Milk and Butter Fat in Jersey Cows
Bulletin no. 234; 1921, p. 119-125
630.72 K419b

297. Hooper, J.J.
Studies of Dairy Cattle. 4. The Escutcheon in Relation to Production of Milk and Butter Fat
Bulletin no. 234; 1921, p. 126-158
630.72 K419b

298. Hooper, J.J.
Studies of Dairy Cattle. 5. The Body Secretions in Relation to Production of Milk and Butter Fat
Bulletin no. 234; 1921, p. 159-161
630.72 K419b

299. Turner, J.D.
Spears, H.D.
Jackson, E.L.
Commercial Feeding Stuffs
Bulletin no. 235; 1921, p. 163-301
630.72 K419b

300. Shedd, O.M.
Comparison of the Calcium Content of some Virgin and Cultivated Soils of Kentucky by an Improved Method for the Estimation of this Element
Bulletin no. 236; 1921, p. 303-330
630.72 K419b

301. McHargue, J.S.
Peter, A.M.
Removal of Mineral Plant-Food by Natural Drainage Waters
Bulletin no. 237; 1921, p. 331-362
630.72 K419b

302. Curtis, H.E.
Allen, H.R.
Ridgell, R.H.
Analyses of Commercial Fertilizers
Bulletin no. 238; 1921, p. 363-505
630.72 K419b

303. Anderson, W.S.
Vitality of Spermatozoa. 1. The Vitality of the Spermatozoa of some Domestic Animals
Bulletin no. 239; 1922, p. 1-25
630.72 K419b

304. Anderson, W.S.
Vitality of Spermatozoa. II. The Vitality of the Spermatozoa of some Sea Animals
Bulletin no. 239; 1922, p. 26-36
630.72 K419b

305. Forster, G.W.
Land Prices and Land Speculation in the Bluegrass Region of Kentucky
Bulletin no. 240; 1922, p. 37-74
630.72 K419b

306. Garman, H.
White Flies of Hothouses. 1. *Asterochiton abutilonea*
Bulletin no. 241; 1922, p. 75-81
630.72 K419b

307. Jewett, H.H.
White Flies of Hothouses. 2. *Asterochiton vaporariorum*
Bulletin no. 241; 1922, p. 82-111
630.72 K419b

308. Good, E.S.
Feeding Steers Having Access to Barn and Range vs. Steers Confined to Barn
Bulletin no. 242; 1922, p. 113-135
630.72 K419b

309. Horlacher, L.J.
Good, E.S.
Breeding Experiments with Kentucky Mountain Ewes
Bulletin no. 243; 1922, p. 137-199
630.72 K419b

310. Anderson, W.S.
Sterility in Relation to Animal Breeding
Bulletin no. 244; 1922, p. 201-234
630.72 K419b

311. Curtis, H.E.
Allen, H.R.
Gault, L.
Analyses of Commercial Fertilizers
Bulletin no. 245; 1922, p. 235-378
630.72 K419b

312. Jesness, O.B.
Card, D.G.
Marketing of Kentucky Strawberries
Bulletin no. 246; 1923, p. 1-30
630.72 K419b

313. Card, D.G.
Marketing of Kentucky Bluegrass and Orchard Grass Seeds
Bulletin no. 247; 1923, p. 31-61
630.72 K419b

314. Hooper, J.J.
Studies of Dairy cattle. II. Milk Production
Bulletin no. 248; 1923, p. 63-85
630.72 K419b

315. Turner, J.D.
Spears, H.D.
Jackson, E.L.
Feeds and their Use — Inspection and Analyses
Bulletin no. 249; 1923, p. 87-327
630.72 K419b

316. Buckner, G.D.
Martin, J.H.
Peter, A.M.
Calcium Metabolism in the Laying Hen
Bulletin no. 250; 1923, p. 329-367
630.72 K419b

317. Curtis, H.E.
Allen, H.R.
Gault, L.
Analyses of Commercial Fertilizers
Bulletin no. 251; 1923, p. 369-485
630.72 K419b

318. Buckner, G.D.
Martin, J.H.
Peter, A.M.
Calcium Metabolism in the Laying Hen. II
Bulletin no. 252; 1924, p. 1-36
630.72 K419b

319. Nicholls, W.D.
Jett, C.U.
Galloway, Z.L.
Study of Farm Organization and Management in Mason and Fleming Counties
Bulletin no. 253; 1924, p. 37-84
630.72 K419b

320. Jewett, H.H.
Grape Leafhoppers of Bluegrass Kentucky
Bulletin no. 254; 1924, p. 85-130
630.72 K419b

321. Hutson, J.B.
Strawberries and Farm Profits in Western Kentucky
Bulletin no. 255; 1924, p. 131-171
630.72 K419b

322. Curtis, H.E.
Allen, H.R.
Gault, L.
Analyses of Commercial Fertilizers
Bulletin no. 256; 1924, p. 173-281
630.72 K419b

323. Turner, J.D.
Spears, H.D.
Terrell, W.G.
Commercial Feeding Stuffs in Kentucky in 1924
Bulletin no. 257; 1925, p. 1-30
630.72 K419b

324. Shedd, O.M.
Relation of some Chemical Constituents to the Grades of Kentucky Tobacco
Bulletin no. 258; 1925, p. 31-58
630.72 K419b

325. Hutson, J.B.
Landsford, E.L.
Farming with Bluegrass
Bulletin no. 259; 1925, p. 59- 98
630.72 K419b

326. Martin, J.H.
Sources of Animal Protein for Laying Hens
Bulletin no. 260; 1925, p. 99-132
630.72 K419b

327. Nicholls, W.D.
Economic Study of 270 Farms in Union and Henderson Counties
Bulletin no. 261; 1925, p. 133-153
630.72 K419b

328. Valleau, W.D.
Kenney, R.
Kinney, E.J.
Root-rot of Tobacco in Kentucky and its Control (a Progress Report)
Bulletin no. 262; 1925, p. 155-180
630.72 K419b

329. Curtis, H.E.
Allen, H.R.
Gault, L.
Analyses of Commercial Fertilizers
Bulletin no. 263; 1925, p. 181-323
630.72 K419b

330. Good, E.S.
Horlacher, L.J.
Steer Feeding: Substituting a Legume Hay for Corn Silage Toward the End of the Feeding Period
Bulletin no. 264; 1926, p. 1-27
630.72 K419b

331. Garman, H.
Two Important Enemies of Bluegrass Pastures. 1. The Bluegrass Plant Bug *(Miris dolobratus)*
Bulletin no. 265; 1926, p. 29-44
630.72 K419b

332. Garman, H.
Two Important Enemies of Bluegrass Pastures. 2. The Green Bug *(Toxoptera graminum)*
Bulletin no. 265; 1926, p. 44-47
630.72 K419b

333. Jewett, H.H.
Tobacco Flea-beetle
Bulletin no. 266; 1926, p. 49-69
630.72 K419b

334. Good, E.S.
Wintering Steers with and without Corn Silage Preparatory to Finishing on Grass without Grain
Bulletin no. 267; 1926, p. 71-93
630.72 K419b

335. Turner, J.D.
Spears, H.D.
Terrell, W.G.
Senn, P.H.
Commercial Feeding Stuffs in Kentucky in 1925
Bulletin no. 268; 1926, p. 95-137
630.72 K419b

336. Fergus, E.N.
Valleau, W.D.
Study of Clover Failure in Kentucky
Bulletin no. 269; 1926, p. 139-210
630.72 K419b

337. Johnson, E.C.
Kentucky Livestock Auction Sales Organizations
Bulletin no. 270; 1926, p. 211-256
630.72 K419b

338. Jesness, O.B.
Cooperative Marketing and Price Control
Bulletin no. 271; 1926, p. 257-279
630.72 K419b

339. Roberts, G.
Kinney, E.J.
Freeman, J.F.
Field Experiments on Soils and Crops
Bulletin no. 272; 1926, p. 281-351
630.72 K419b

340. Wilford, E.J.
Home-cured Pork
Bulletin no. 273; 1926, p. 345-377
630.72 K419b

341. Hutson, J.B.
Finn, W.G.
Man Labor, Horse Work and Materials Used in Producing Crops in Christian County
Bulletin no. 274; 1926, p. 379-434
630.72 K419b

342. Nicholls, W.D.
Study of the Cost of Producing Tobacco in Kentucky
Bulletin no. 275; 1926, p. 435-526
630.72 K419b

343. Curtis, H.E.
Allen, H.R.
Gault, L.
Analyses of Commercial Fertilizers
Bulletin no. 276; 1926, p. 527-699
630.72 K419b

344. Averitt, S.D.
Jones, S.C.
Soils of the Purchase Region of Kentucky
Bulletin no. 277; 1927, p. 1-40
630.72 K419b

345. Johnson, E.C.
Marketing Kentucky Livestock
Bulletin no. 278; 1927, p. 41-102
630.72 K419b

346. Turner, J.D.
Spears, H.D.
Terrell, W.G.
Anderson, W.A.
Commercial Feeding Stuffs in Kentucky in 1926
Bulletin no. 279; 1927, p. 103-141
630.72 K419b

347. Valleau, W.D.
Johnson, E.M.
Observations and Experiments on the Control of True Tobacco Mosaic
Bulletin no. 280; 1927, p. 143-174
630.72 K419b

348. Valleau, W.D.
Johnson, E.M.
Tobacco Frenching—a Nitrogen Deficiency Disease
Bulletin no. 281; 1927, p. 175-253
630.72 K419b

349. Curtis, H.E.
Allen, H.R.
Gault, L.
Analyses of Commercial Fertilizers
Bulletin no. 282; 1927, p. 255-343
630.72 K419b

350. Card, D.G.
Marketing Kentucky Eggs
Bulletin no. 283; 1928, p. 1-42
630.72 K419b

351. Turner, J.D.
Spears, H.D.
Terrell, W.G.
Amburgey, L.V.
Commercial Feeds and their Use in Kentucky in 1927
Bulletin no. 284; 1928, p. 43-109
630.72 K419b

352. Card, D.G.
Marketing Kentucky Poultry
Bulletin no. 285; 1928, p. 111-153
630.72 K419b

353. Dimock, W.W.
Edwards, P.R.
Pathology and Bacteriology of the Reproductive Organs of Mares in Relation to Sterility
Bulletin no. 286; 1928, p. 155-237
630.72 K419b

354. Jesness. O.B.
Marketing of Tobacco
Bulletin no. 287; 1928, p. 239-270
630.72 K419b

355. Jesness, O.B.
Cooperative Marketing of Tobacco
Bulletin no. 288; 1928, p. 271-306
630.72 K419b

356. Hutson, J.B.
Finn, W.G.
Galloway, Z.L.
Economic Study of Crops and Livestock in the Purchase Region of Kentucky
Bulletin no. 289; 1928, p. 307-433
630.72 K419b

357. Curtis, H.E.
Allen, H.R.
Gault, L.
Analyses of Commercial Fertilizers
Bulletin no. 290; 1928, p. 435-531
630.72 K419b

358. Buckner, G.D.
Martin, J.H.
Peter, A.M.
Calcium Metabolism in the Laying Hen. III. Calcium Carbonate and Hatchability
Bulletin no. 291; 1929, p. 1-23
630.72 K419b

359. Hutson, J.B.
Finn, W.G.
Galloway, Z.L.
Systems of Farming for the Purchase Region of Kentucky
Bulletin no. 292; 1929, p. 25-154
630.72 K419b

360. Jewett, H.H.
Leafhopper Injury to Clover and Alfalfa
Bulletin no. 293; 1929, p. 155-172
630.72 K419b

361. Martin, J.H.
Insko, W.M.
Feeding Trials with Laying Hens
Bulletin no. 294; 1929, p. 173-203
630.72 K419b

362. Turner, J.D.
Spears, H.D.
Terrell, W.G.
Amburgey, L.V.
Commercial Feeds in Kentucky in 1928
Bulletin no. 295; 1929, p. 205-233
630.72 K419b

363. Edwards, P.R.
Hull, F.E.
Bacillary White Diarrhea and Related Diseases of Chickens
Bulletin no. 296; 1929, p. 235-280
630.72 K419b

364. Jewett, H.H.
Potato Flea-beetles
Bulletin no. 297; 1929, p. 281-301
630.72 K419b

365. Curtis, H.E.
Allen, H.R.
Gault, L.
Analyses of Commercial Fertilizers
Bulletin no. 298; 1929, p. 303-401
630.72 K419b

366. Roberts, G.
Freeman, J.F.
Kinney, E.J.
Hopkinsville Experiment Field
Bulletin no. 299; 1930, p. 1-30
630.72 K419b

367. Oyler, M.
Social and Economic Effects of Land Speculation on Farm Families in Central Kentucky
Bulletin no. 300; 1930, p. 31-64
630.72 K419b

368. Oyler, M.
Cost of Living and Population Trends in Laurel County, Kentucky
Bulletin no. 301; 1930, p. 65-90
630.72 K419b

369. Johnson, E.C.
Phillips, C.D.
Quality as a Factor in the Price of Kentucky Lambs
Bulletin no. 302; 1930, p. 91-122
630.72 K419b

370. Nicholls, W.D.
Farm Tenancy in Central Kentucky
Bulletin no. 303; 1930, p. 123-185
630.72 K419b

371. Martin, J.H.
Erikson, S.E.
Insko, W.M.
Effect of Vitamin D Supplements on Laying Hens
Bulletin no. 304; 1930, p. 187-218
630.72 K419b

372. Nicholls, W.D.
Hawthorne, H.W.
Farm Management and Incomes of Farm Families in Laurel County, Kentucky
Bulletin no. 305; 1930, p. 219-283
630.72 K419b

373. Johnson, E.M.
Virus Diseases of Tobacco in Kentucky
Bulletin no. 306; 1930, p. 285-415
630.72 K419b

374. Nicholls, W.D.
Share Leasing Contracts
Bulletin no. 307; 1930, p. 417-443
630.72 K419b

375. Shedd, O.M.
Potassium, Chloride and Sulfate Content of Kentucky Tobacco as Related to Grade
Bulletin no. 308; 1930, p. 445-471
630.72 K419b

376. Valleau, W.D.
Johnson, E.M.
Relation of some Tobacco Viruses to Potato Degeneration
Bulletin no. 309; 1930, p. 473-507
630.72 K419b

377. Turner, J.D.
Spears, H.D.
Terrell, W.G.
Amburgey, L.V.
Commercial Feeds in Kentucky in 1929
Bulletin no. 310; 1930, p. 509-546
630.72 K419b

378. Price, H.B.
Bradley, C.J.
Johnson, E.C.
Agricultural Credit Situation in Kentucky
Bulletin no. 311; 1930, p. 547-600
630.72 K419b

379. Finn, W.G.
Galloway, Z.L.
Budget Method of Improving Farm Organization and Management
Bulletin no. 312; 1930, p. 601-628
630.72 K419b

380. Curtis, H.E.
Allen, H.R.
Gault, L.
Analyses of Commercial Fertilizers
Bulletin no. 313; 1930, p. 629-723
630.72 K419b

381. Emmert, E.M.
Effect of Soil Reaction on the Growth of Tomatoes and Lettuce and on the Nitrogen, Phosphorus and Manganese Content of the Soil and Plant
Bulletin no. 314; 1931, p. 1-83
630.72 K419b

382. Turner, J.D.
Spears, H.D.
Terrell, W.G.
Amburgey, L.V.
Commercial Feeds in Kentucky in 1930
Bulletin no. 315; 1931, p. 85-125
630.72 K419b

383. Oyler, M.
Standard of Living of Farm Families in Grayson County, Kentucky
Bulletin no. 316; 1931, p. 127-159
630.72 K419b

384. Rouse, W.L.
Hawthorne, H.W.
Farm Organization and Management in Grayson County. 1. Income and Outgo of Farm Families
Bulletin no. 317; 1931, p. 161-169
630.72 K419b

385. Rouse, W.L.
Hawthorne, H.W.
Farm Organization and Management in Grayson County 2. The Farm Business
Bulletin no. 317; 1931, p. 169-191
630.72 K419b

386. Galloway, Z.L.
Farm Organization and Management in Grayson County 3. Suggested Systems of Farming
Bulletin no. 317; 1931, p. 191-215
630.72 K419b

387. Fergus, E.N.
Adaptability of Red Clovers from Different Regions, to Kentucky
Bulletin no. 318; 1931, p. 217-246
630.72 K419b

388. Phillips, C.D.
Card, D.G.
Organization and Management Problems of Cooperative Strawberry Marketing Associations in Kentucky
Bulletin no. 319; 1931, p. 247-287
630.72 K419b

389. Edwards, P.R.
Studies on Shigella Equirulis *(Bact. viscosum equi)*
Bulletin no. 320; 1931, p. 289-330
630.72 K419b

390. Waltman, C.S.
Effect of Hydrogen-Ion Concentration on the Growth of Strawberries in Sand and in Soil
Bulletin no. 321; 1931, p. 331-352
630.72 K419b

391. Roberts, G.
Freeman, J.F.
Report on Soil Experiment Fields
Bulletin no. 322; 1931, p. 353-417
630.72 K419b

392. Card, D.G.
Some Factors Affecting the Price of White Burley Tobacco
Bulletin no. 323; 1931, p. 419-437
630.72 K419b

393. Fergus, E.N.
Analysis of Clover Failure in Kentucky
Bulletin no. 324; 1931, p. 439-476
630.72 K419b

394. Curtis, H.E.
Allen, H.R.
Gault, L.
Analyses of Commercial Fertilizers
Bulletin no. 325; 1931, p. 477-583
630.72 K419b

395. Craig, R.B.
Forestry in the Economic Life of Knott County, Ky.
Bulletin no. 326; 1932, p. 1-39
630.72 K419b

396. Valleau, W.D.
Seed Transmission and Sterility Studies of Two Strains of Tobacco Ringspot
Bulletin no. 327; 1932, p. 41-80
630.72 K419b

397. Valleau, W.D.
Virus Disease of Delphinium and Tobacco
Bulletin no. 327; 1932, p. 81-88
630.72 K419b

398. Valleau, W.D.
Virus Disease of Plum and Peach
Bulletin no. 327; 1932, p. 89-103
630.72 K419b

399. Valleau, W.D.
Johnson, E.M.
Tobacco Diseases in Kentucky
Bulletin no. 328; 1932, p. 105-154
630.72 K419b

400. Jewett, H.H.
Resistance of Certain Red Clovers and Alfalfas to Leafhopper Injury
Bulletin no. 329; 1932, p. 155-172
630.72 K419b

401. Turner, J.D.
Spears, H.D.
Terrell, W.G.
Amburgey, L.V.
Commercial Feeds in Kentucky in 1931
Bulletin no. 330; 1932, p. 173-214
630.72 K419b

402. Roberts, G.
Kinney, E.J.
Soils and Fertilizer Experiments, Experiment Station Farm, Lexington
Bulletin no. 331; 1932, p. 215-265
630.72 K419b

403. Good, E.S.
Harris, W.J.
Winter Versus Summer Feeding of Corn to Heavy Steers Finished on Grass
Bulletin no. 332; 1932, p. 267-281
630.72 K419b

404. Good, E.S.
Harris, W.J.
Wheat as a Fattening Feed for Yearling Steers
Bulletin no. 332; 1932, p. 282-285
630.72 K419b

405. Dimock, W.W.
Edwards, P.R.
Infections of Fetuses and Foals
Bulletin no. 333; 1932, p. 287-339
630.72 K419b

406. Is There a Filterable Virus of Abortion in Mares?
Bulletin no. 333 (supp.); 1933, 2p.
630.72 K419b

407. Karraker, P.E.
Comparative Effect of Muriate and Sulfate of Potash on the Composition and Quality of White Burley Tobacco
Bulletin no. 334; 1932, p. 341-356
630.72 K419b

408. Erikson, S.E.
Boyden, R.E.
Martin, J.H.
Insko, W.M.
pH of Fresh and Storage Eggs
Bulletin no. 335; 1932, p. 357-394
630.72 K419b

409. Curtis, H.E.
Allen, H.R.
Gault, L.
Analyses of Commercial Fertilizers
Bulletin no. 336; 1932, p. 395-495
630.72 K419b

410. Martin, J.H.
Insko, W.M.
Cod Liver Oil for Laying Pullets
Bulletin no. 337; 1933, p. 1-22
630.72 K419b

411. Dimock, W.W.
Edwards, P.R.
Hemolytic Streptococci of Horses and other Animals, and their Relation to the Streptococci of Man
Bulletin no. 338; 1933, p. 23-53
630.72 K419b

412. Johnson, E.M.
Valleau, W.D.
Black-stem of Alfalfa, Red Clover and Sweet Clover
Bulletin no. 339; 1933, p. 55-82
630.72 K419b

413. Turner, J.D.
Spears, H.D.
Terrell, W.G.
Amburgey, L.V.
Commercial Feeds in Kentucky in 1932
Bulletin no. 340; 1933, p. 83-112
630.72 K419b

414. Valleau, W.D.
Fergus, E.N.
Henson, L.
Resistance of Red Clovers to *Sclerotinia trifoliorum Erik.*, and Infection Studies
Bulletin no. 341; 1933, p. 113-131
630.72 K419b

415. Erikson, S.E.
Boyden, R.E.
Martin, J.H.
Insko, W.M.
Iron and Copper Content of Egg Yolk
Bulletin no. 342; 1933, p. 133-148
630.72 K419b

416. Bradley, C.J.
Use of Credit on Selected Kentucky Farms
Bulletin no. 343; 1933, p. 149-188
630.72 K419b

417. Phillips, C.D.
Marketing Kentucky Livestock by Motor Truck
Bulletin no. 344; 1933, p. 189-231
630.72 K419b

418. Byers, G.B.
Inman, B.T.
Use and Expense of Farm Implements
Bulletin no. 345; 1933, p. 233-258
630.72 K419b

419. Buckner, G.D.
Martin, J.H.
Insko, W.M.
Effect of Confinement Brooding on Growth and Egg Production
Bulletin no. 346; 1934, p. 1-16
630.72 K419b

420. Rouse, W.L.
Factors for Successful Farm Management in Todd, Christian and Warren Counties
Bulletin no. 347; 1934, p. 17-48
630.72 K419b

421. Jewett, H.H.
Relation of Time of Cutting to Leafhopper Injury to Alfalfa
Bulletin no. 348; 1934, p. 49-59
630.72 K419b

422. Karraker, P.E.
Bortner, C.E.
Studies of Frenching of Tobacco
Bulletin no. 349; 1934, p. 61-109
630.72 K419b

423. Boyd, F.
Oyler, M.
Nicholls, W.D.
Rural Organization Contacts in Three Kentucky Communities
Bulletin no. 350; 1934, p. 111-140
630.72 K419b

424. Nicholls, W.D.
Rouse, W.L.
Farm Organization and Family Incomes in Knott County, Kentucky
Bulletin no. 351; 1934, p. 141-184
630.72 K419b

425. Bradley, C.J.
Price, H.B.
Allin, B.W.
Index of Farm Real-Estate Taxes in Kentucky
Bulletin no. 352; 1934, p. 185-200
630.72 K419b

426. Eddy, C.O.
Valleau, W.D.
Magill, W.W.
Control of Fruit Pests
Bulletin no. 353; 1934, p. 201-239
630.72 K419b

427. Dimock, W.W.
Healy, D.J.
Hull, F.E.
Acidosis of Pregnant Ewes: So-called Pregnancy Disease of Sheep
Bulletin no. 354; 1934, p. 241-268
630.72 K419b

428. Manny, T.B.
Allin, B.W.
Bradley, C.J.
Farm Taxes and Local Government in Crittenden and Livingston Counties Kentucky
Bulletin no. 355; 1934, p. 269-337
630.72 K419b

429. Edwards, P.R.
Serological Differentiation of Hemolytic Streptococci of Human and Animal Origin
Bulletin no. 356; 1935, p. 1-18
630.72 K419b

430. Poundstone, B.
Roth, W.J.
Types of Farming in Kentucky
Bulletin no. 357; 1935, p. 19-118
630.72 K419b

431. Oyler, M.
Rose, W.W.
Part-time Farming in Four Representative Areas of Kentucky
Bulletin no. 358; 1935, p. 119-150
630.72 K419b

432. Martin, J.H.
Insko, W.M.
Incubation Experiments with Turkey Eggs
Bulletin no. 359; 1935, p. 151-177
630.72 K419b

433. Valleau, W.D.
Do Tobacco Plants Recover from and Develop Immunity to Ringspot?
Bulletin no. 360; 1935, p. 179-191
630.72 K419b

434. Johnson, E.M.
Valleau, W.D.
Susceptibility of Tobacco Plants Visibly Affected with Mild Tobacco Mosaic to Other Strains of the Virus
Bulletin no. 360; 1935, p. 192-201
630.72 K419b

435. Valleau, W.D.
Localization and Resistance to Tobacco Mosaic, in Nicotiana
Bulletin no. 360; 1935, p. 202-230
630.72 K419b

436. Valleau, W.D.
Johnson, E.M.
Burning and Non-Burning Strains of Tobacco Mosaic
Bulletin no. 361; 1935, p. 231-238
630.72 K419b

437. Johnson, E.M.
Valleau, W.D.
Ring Sympton of Virus Diseases of Plants
Bulletin no. 361; 1935, p. 239-263
630.72 K419b

438. Johnson, E.M.
Valleau, W.D.
Mosaic from Tobacco One to Fifty-two Years Old
Bulletin no. 361; 1935, p. 264-271
630.72 K419b

439. Valleau, W.D.
Johnson, E.M.
Tobacco Diseases
Bulletin no. 362; 1936, p. 1-62
630.72 K419b

440. Insko, W.M.
Lyons, M.
Effect of Cod Liver Oil in the Diet of the Mother Hen, on Embryo Mortality and on the Calcium and Phosphorus Content of the Embryo
Bulletin no. 363; 1936, p. 63-81
630.72 K419b

441. Boyd, F.
Oyler, M.
Nicholls, W.D.
Factors in the Success of Rural Organizations
Bulletin no. 364; 1936, p. 83-105
630.72 K419b

442. Oyler, M.
Rose, W.W.
Nicholls, W.D.
Part-time Farming by Negroes near Lexington, Kentucky
Bulletin no. 365; 1936, p. 107-121
630.72 K419b

443. Oyler, M.
Community and Neighborhood Groupings in Knott County
Bulletin no. 366; 1936, p. 123-156
630.72 K419b

444. Waltman, C.S.
Seasonal Course of Soluble Nitrogen and Phosphate Phosphorus in the Shoot Growth of Winesap Apple and Elberta Peach
Bulletin no. 367; 1936, p. 157-191
630.72 K419b

445. Price, H.B.
Phillips, C.D.
Wrather, S.E.
Organization of the Louisville Wholesale Fruit and Vegetable Market
Bulletin no. 368; 1937, p. 1-27
630.72 K419b

446. Morrison, H.B.
Hull, F.E.
Presence of Agglutinins for *Brucella abortus* in Milk
Bulletin no. 369; 1937, p. 29-43
630.72 K419b

447. Ritcher, P.O.
Calfee, R.K.
Oil-nicotine, a Promising New Insecticide
Bulletin no. 370; 1937, p. 45-60
630.72 K419b

448. Lyons, M.
Insko, W.M.
Chondrodystrophy in the Chick Embryo Produced by Manganese Deficiency in the Diet of the Hen
Bulletin no. 371; 1937, p. 61-75
630.72 K419b

449. Morrison, H.B.
Hull, F.E.
Incidence of Streptococcic Infection in the Udders of Bang's Disease Positive and Negative Cows
Bulletin no. 372; 1937, p. 77-87
630.72 K419b

450. Metzger, H.J.
Hull, F.E.
Ely, F.
Albuminuria and Nephritis in Dairy Cows
Bulletin no. 373; 1937, p. 89-118
630.72 K419b

451. Roberts, G.
Legumes in Cropping Systems
Bulletin no. 374; 1937, p. 119-153
630.72 K419b

452. Nicholls, W.D.
Bondurant, J.H.
Galloway, Z.L.
Family Incomes and Land Utilization in Knox County
Bulletin no. 375; 1937, p. 155-219
630.72 K419b

453. Valleau, W.D.
Johnson, E.M.
Tobacco Mosaic Sources of Infection and Control
Bulletin no. 376; 1937, p. 221-262
630.72 K419b

454. Roberts, J.B.
Price, H.B.
Milk Marketing in Lexington
Bulletin no. 377; 1937, p. 263-301
630.72 K419b

455. Erikson, S.E.
Boyden, R.E.
Insko, W.M.
Martin, J.H.
Phosphorus Content of the Yolk of Fresh and Storage Eggs
Bulletin no. 378; 1938, p. 1-24
630.72 K419b

456. Roberts, G.
Kinney, E.J.
Freeman, J.F.
Soil Management and Fertilization for Tobacco
Bulletin no. 379; 1938, p. 25-71
630.72 K419b

457. Phillips, C.D.
Regional Development of Hog Production in Kentucky
Bulletin no. 380; 1938, p. 73-100
630.72 K419b

458. O'Bannon, L.S.
Valleau, W.D.
Machine for Cleaning Tobacco Seed
Bulletin no. 381; 1938, p. 101-112
630.72 K419b

459. Insko, W.M.
Calcium Content of the Yolk of Fresh and Storage Eggs
Bulletin no. 382; 1938, p. 113-124
630.72 K419b

460. Rouse, W.L.
Byers, G.B.
Production Requirements for Crops and Livestock in the Bluegrass Region of Kentucky
Bulletin no. 383; 1938, p. 125-223
630.72 K419b

461. Bondurant, J.H.
Factors for Profitable Farming on Limestone Hill Land of the Eden Formation in Kentucky
Bulletin no. 384; 1938, p. 225-246
630.72 K419b

462. Byers, G.B.
Bayless, D.E.
Factors Affecting the Place of Sheep on Kentucky Farms
Bulletin no. 385; 1938, p. 247-278
630.72 K419b

463. Price, H.B.
Phillips, C.D.
Wrather, S.E.
Organization of the Louisville Wholesale Fruit and Vegetable Market
Bulletin no. 386; 1938, p. 279-312
630.72 K419b

464. Phillips, C.D.
Fruit and Vegetable Supply of Louisville
Bulletin no. 387; 1938, p. 313-352
630.72 K419b

465. Proceedings in Commemoration of the Fiftieth Anniversary of the Kentucky Agricultural Experiment Station
Bulletin no. 388; 1938, p. 353-408
630.72 K419b

466. Cooper, T.P.
Proceedings in Commemoration of the Fiftieth Anniversary of the Kentucky Agricultural Experiment Station. 1. A Half Century in Retrospect
Bulletin no. 388; 1938, p. 357-366
630.72 K419b

467. Roberts, G.
Proceedings in Commemoration of the Fiftieth Anniversary of the Kentucky Agricultural Experiment Station. 2. Melville Amasa Scovell Founder and Builder
Bulletin no. 388; 1938, p. 367-377
630.72 K419b

468. Buckner, G.D.
Proceedings in Commemoration of the Fiftieth Anniversary of the Kentucky Agricultural Experiment Station. 3. Joseph Hoeing Kastle, Director, 1912-1916
Bulletin no. 388; 1938, p. 378-380
630.72 K419b

469. Gaines, P.B.
Proceedings in Commemoration of the Fiftieth Anniversary of the Kentucky Agricultural Experiment Station. 4. As the Farmer Views the Experiment Station
Bulletin no. 388; 1938, p. 381-385
630.72 K419b

470. Mumford, F.B.
Proceedings in Commemoration of the Fiftieth Anniversary of the Kentucky Agricultural Experiment Station. 5. Science and Agriculture
Bulletin no. 388; 1938, p. 386-396
630.72 K419b

471. Ritcher, P.O.
Strawberry Crown Borer *Tyloderma fragariae* (Riley)
Bulletin no. 389; 1939, p. 1-35
630.72 K419b

472. Roberts, J.B.
Price, H.B.
Organization and Management of the Falls Cities Cooperative Milk Producers' Association
Bulletin no. 390; 1939, p. 37-87
630.72 K419b

473. Jewett, H.H.
Control of Sod Webworms in Lawns
Bulletin no. 391; 1939, p. 89-106
630.72 K419b

474. Jewett, H.H.
Four Wireworms Found in Bluegrass Sod
Bulletin no. 392; 1939, p. 107-118
630.72 K419b

475. Ritcher, P.O.
Valleau, W.D.
Magill, W.W.
Fruit Pests and Their Control
Bulletin no. 393; 1939, p. 119-179
630.72 K419b

476. Waltman, C.S.
Tree Fruit Varieties for Kentucky
Bulletin no. 394; 1939, p. 181-231
630.72 K419b

477. Oyler, M.
Natural Increase and Migration of Kentucky Population: 1920 to 1935
Bulletin no. 395; 1939, p. 233-280
630.72 K419b

478. Waltman, C.S.
Grape and Small-Fruit Varieties for Kentucky
Bulletin no. 396; 1939, p. 281-315
630.72 K419b

479. Roberts, G.
Freeman, J.F.
Kinney, E.J.
Soil Management Experiments
Bulletin no. 397; 1939, p. 317-389
630.72 K419b

480. Jewett, H.H.
Wireworm Injury to Tobacco Plants
Bulletin no. 398; 1940, p. 1-16
630.72 K419b

481. Johnson, E.M.
Valleau, W.D.
Control of Blackfire of Tobacco in Western Kentucky
Bulletin no. 399; 1940, p. 17-39
630.72 K419b

482. Edwards, P.R.
Bruner, D.W.
Significance of Biological Types of Salmonella typhi-murium *(Salmonella aertrycke)*
Bulletin no. 400; 1940, p. 41-70
630.72 K419b

483. Ritcher, P.O.
Kentucky White Grubs
Bulletin no. 401; 1940, p. 71-157
630.72 K419b

484. Hull, F.E.
Dimock, W.W.
Ely, F.
Morrison, H.B.
Reproductive Efficiency in Dairy Cattle
Bulletin no. 402; 1940, p. 159-188
630.72 K419b

485. Brown, A.J.
Card, D.G.
Thirty Years of Farm Prices and Production in Kentucky: A Compilation of Available Statistics
Bulletin no. 403; 1940, p. 189-287
630.72 K419b

486. Bruner, D.W.
Edwards, P.R.
Biochemical and Serological Studies of Microorganisms of the Salmonell cholerae-suis Group
Bulletin no. 404; 1940, p. 289-303
630.72 K419b

487. Bondurant, J.H.
Tharp, M.M.
Variations in Farm Income and Family Living in Robertson County
Bulletin no. 405; 1940, p. 305-331
630.72 K419b

488. Byers, G.B.
Cost of Curing White Burley Tobacco with Artificial Heat
Bulletin no. 406; 1940, p. 333-351
630.72 K419b

489. Jeffrey, R.N.
Effect of Temperature and Relative Humidity during and after Curing, upon the Quality of White Burley Tobacco
Bulletin no. 407; 1940, p. 353-383
630.72 K419b

490. Wilford, E.J.
Distillery Slop for Hogs
Bulletin no. 408; 1940, p. 385-399
630.72 K419b

491. Card, D.G.
Clark, C.M.
Seasonal Movements in Prices and Sales of Burley Tobacco
Bulletin no. 409; 1940, p. 401-485
630.72 K419b

492. Waltman, C.S.
Effect of Nitrogen and Phosphorus on the Growth of Apple and Peach Trees in Sand Culture
Bulletin no. 410; 1940, p. 487-549
630.72 K419b

493. Card, D.G.
Brown, A.J.
Farrington, O.M.
Index Numbers of Prices and Production of Farm Products in Kentucky
Bulletin no. 411; 1941, p. 1-39
630.72 K419b

494. Jewett, H.H.
Resistance of Strains of Red Clover to Pea-aphid Injury
Bulletin no. 412; 1941, p. 41-55
630.72 K419b

495. Karraker, P.E.
Miller, H.F.
Bortner, C.E.
Todd, J.R.
Greenhouse Tests of the Availability of Phosphorus in Certain Phosphate Fertilizers
Bulletin no. 413; 1941, p. 57-86
630.72 K419b

496. Bruner, D.W.
Edwards, P.R.
Classification of *Corynebacterium equi*
Bulletin no. 414; 1941, p. 89-107
630.72 K419b

497. Johnson, E.M.
Valleau, W.D.
Effect of Tobacco Mosaic on Yield and Quality of Dark Fire-cured Tobacco
Bulletin no. 415; 1941, p. 109-114
630.72 K419b

498. Insko, W.M.
Steele, D.G.
Hinton, C.M.
Effect of Formaldehyde Fumigation on Mortality of Chick Embryos
Bulletin no. 416; 1941, p. 117-138
630.72 K419b

499. Beers, H.W.
Williams, R.M.
Page, J.S.
Ensminger, D.
Community Land-use Planning Committees: Organization, Leadership, and Attitudes, Garrard County, Kentucky, 1939
Bulletin no. 417; 1941, p. 141-236
630.72 K419b

500. Hockley, H.A.
Nicholls, W.D.
Legal Aspects of Farm Tenancy in Kentucky
Bulletin no. 418; 1941, p. 237-264
630.72 K419b

501. Nicholls, W.D.
Byers, G.B.
Bondurant, J.H.
Systems of Farming for the Central Bluegrass Region of Kentucky
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630.72 K419b

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Miller, H.
Field Tests of the Relative Effectiveness of Different Phosphate Fertilizers
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630.72 K419b

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Binkley, W.C.
Land-Tenure Classification and Areas in Kentucky
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630.72 K419b

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Growth of Population in Kentucky 1860-1940
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Cooperative Wool Marketing in Kentucky
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507. Jewett, H.H.
Life History of the Wireworm *Acolus mellillus* (Say)
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508. Dimock, W.W.
Edwards, P.R.
Bruner, D.W.
Equine Virus Abortion
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Rudd, R.W.
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Deaton, C.G.
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Tharp, M.M.
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Price, W.A.
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Ringrose, A.T.
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Rapp, K.E.
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Beers, H.W.
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Control of Green June Beetle Larvae *Cotinis nitida* (L.), in Tobacco Beds
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Phillips, C.D.
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Baute, E.A.
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Rural Neighborhoods and Communities in 13 Kentucky Counties, 1941: Size, Population, and Social Structure
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Beers, H.W.
Mobility and Fertility Rates of Rural Families in Robertson and Johnson Counties, Kentucky, 1918-1941
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630.72 K419b

534. Williams, R.M.
Beers, H.W.
Attitudes Toward Rural Migration and Family Life in Johnson and Robertson Counties, Kentucky, 1941
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630.72 K419b

535. Karraker, P.E.
Bortner, C.E.
Cropping and Soil Management for Burley Tobacco
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Johnson, E.M.
Diachun, S.
Angular Leafspot and Wildfire of Tobacco
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Insko, W.M.
Buckner, G.D.
Fused Rock Phosphate for Chicks
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Effects of War on Farm Population in Kentucky
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Marketing Turkeys in Kentucky
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630.72 K419b

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630.72 K419b

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Pettus, D.M.
Seasonal Price Movements of Fire-Cured Tobacco in Kentucky
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Sayre, C.R.
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630.72 K419b

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Sayre, C.R.
MacFarlane, D.L.
Graham, R.E.
Farm Management Handbook Based on Studies of Pennyroyal Farms
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Land Tenure in Southern Logan County, Kentucky
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630.72 K419b

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Age Structure of Kentucky Population, 1940
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630.72 K419b

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Fertility Rates and Migration of Kentucky Population, 1920 to 1940, as Related to Communication, Income, and Education
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630.72 K419b

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Rapp, K.E.
McHargue, J.S.
Nicotine Content of *Nicotiana rustica* Grown in Kentucky and of 15 Selections of Dark Tobacco
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630.72 K419b

553. Ritcher, P.O.
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630.72 K419b

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Life History of the Wireworm *Conoderus bellus* (Say)
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630.72 K419b

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Henry, A.H.
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630.72 K419b

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Price, H.B.
Tobacco Auction Markets in Kentucky
Bulletin no. 474; 1945, 15p.
630.72 K419b

557. Bondurant, J.H.
Nicholls, W.D.
Labor Supply and Farm Production on Eastern Kentucky Farms
Bulletin no. 475; 1945, 24p.
630.72 K419b

558. Ritcher, P.O.
North American Cetoniinae: With Descriptions of Larvae and Keys to Genera and Species (Coleoptera: Scarabaeidae)
Bulletin no. 476; 1945, 39p.
630.72 K419b

559. Ritcher, P.O.
Coprinae of Eastern North America: With Descriptions of Larvae and Keys to Genera and Species (Coleoptera: Scarabaeidae)
Bulletin no. 477; 1945, 23p.
630.72 K419b

560. Beers, H.W.
Heflin, C.
Rural People in the City: A Study of the Socio-Economic Status of 297 Families in Lexington, Kentucky
Bulletin no. 478; 1945, 19p.
630.72 K419b

561. Phillips, C.D.
Collection of Milk and Cream from Farms in Kentucky
Bulletin no. 479; 1945, 30p.
630.72 K419b

562. Roberts, J.B.
Feed for Kentucky Livestock: Amounts of Livestock and Feed Produced and Sources of Purchased Feed
Bulletin no. 480; 1945, 43p.
630.72 K419b

563. Beers, H.W.
Heflin, C.P.
Negro Population of Kentucky
Bulletin no. 481; 1946, 35p.
630.72 K419b

564. Doll, E.R.
Hull, F.E.
Survival of Nematode Parasites of Sheep on Pasture During Summer
Bulletin no. 482; 1946, 4p.
630.72 K419b

565. Brown, A.J.
Analysis of Prices of Veal Calves
Bulletin no. 483; 1946, 59p.
630.72 K419b

566. Byers, G.B.
Costs in Owning and Operating Farm Implements and Machinery in Kentucky
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630.72 K419b

567. Weeks, M.E.
Fergus, E.N.
Effects of Soil, Soil Treatment, Seasonal Variation, and Variety on Yield and Composition of Corn Crops Grown on Kentucky Soil Fertility Plots
Bulletin no. 485; 1946, 52p.
630.72 K419b

568. Weeks, M.E.
Karraker, P.E.
Value and Use of Tobacco Stalks in Farm Practice
Bulletin no. 486; 1946, 12p.
630.72 K419b

569. Heflin, C.P.
Beers, H.W.
Urban Adjustment of Rural Migrants: A Study of 297 Families in Lexington, Kentucky, 1942
Bulletin no. 487; 1946, 32p.
630.72 K419b

570. Duerr, W.A.
Roberts, J.B.
Gustafson, R.O.
Timber-Products Marketing in Eastern Kentucky
Bulletin no. 488; 1946, 95p.
630.72 K419b

571. Jewett, H.H.
Identification of Some Larval Elateridae Found in Kentucky
Bulletin no. 489; 1946, 40p.
630.72 K419b

572. Brown, A.J.
Seasonal Variation in Prices of Veal Calves
Bulletin no. 490; 1946, 35p.
630.72 K419b

573. Nicholls, W.D.
Bondurant, J.H.
Farm Management and Family Incomes in Eastern Kentucky: A Study of Farm Production, Use of Farm Land, Incomes, and Family Labor Supply on 74 Farms in the Breathitt Area
Bulletin no. 491; 1946, 75p.
630.72 K419b

574. Buckner, G.D.
Insko, W.M.
Henry, A.H.
Deformed Bones of Chickens. I. Crooked Keel
Bulletin no. 492; 1946, p. 1-14
630.72 K419b

575. Buckner, G.D.
Insko, W.M.
Henry, A.H.
Deformed Bones of Chickens. II. Osteopetrosis and Osteoma
Bulletin no. 492; 1946, p. 15-22
630.72 K419b

576. Gustafson, R.O.
Forest Fires, Basal Wounds, and Resulting Damage to Timber in an Eastern Kentucky Area
Bulletin no. 493; 1946, 15p.
630.72 K419b

577. Gustafson, R.O.
Hornbeck, B.L.
Tree Volumes and Timber Yields in the Breathitt Area of Eastern Kentucky
Bulletin no. 494; 1946, 20p.
630.72 K419b

578. Buckner, G.D.
Insko, W.M.
Henry, A.H.
Wachs, E.F.
Effects of Four All-Mash Rations on Laying Hens
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630.72 K419b

579. Jeffrey, R.N.
Relation of Curing Conditions to Quality in Burley Tobacco
Bulletin no. 496; 1946, 35p.
630.72 K419b

580. Clark, C.M.
Seasonal Patterns of Tobacco Sales and Prices from River-Warehouse Days to the Present Looseleaf Auctions
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630.72 K419b

581. Insko, W.M.
Steele, D.G.
Wightman, E.T.
Reproductive Phenomena in Ageing Hens
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630.72 K419b

582. Edwards, P.R.
West, M.G.
Bruner, D.W.
Arizona Group of Paracolon Bacteria: A New Group of Bacteria Pathogenic for Animals and Probably Also for Man
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630.72 K419b

583. Beers, H.W.
Heflin, C.P.
People and Resources in Eastern Kentucky: A Study of a Representative Area in Breathitt, Knott, and Perry Counties
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630.72 K419b

584. O'Bannon, L.S.
Principles of Burley Tobacco Barn Operation
Bulletin no. 501; 1947, 68p.
630.72 K419b

585. Ritcher, P.O.
European Corn Borer in Kentucky
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630.72 K419b

586. Erikson, S.E.
Boyden, R.E.
Effect of Different Methods of Cooking on the Thiamine, Riboflavin, and Niacin Content of Pork
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630.72 K419b

587. Erikson, S.E.
Boyden, R.E.
Thiamine and Riboflavin Content of Turkey Cooked by Institution Methods
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630.72 K419b

588. Beers, H.W.
Mobility of Rural Population: A Study of Changes in Residence and Occupation in Two Types of Rural Communities
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630.72 K419b

589. Ritcher, P.O.
Larvae of Geotrupinae: With Keys to Tribes and Genera (Coleoptera: Scarabaeidae)
Bulletin no. 506; 1947, 27p.
630.72 K419b

590. Duerr, W.A.
Bondurant, J.H.
Nicholls, W.D.
Beers, H.W.
Gustafson, R.O.
Roberts, J.B.
Farms and Forests of Eastern Kentucky in Relation to Population and Income:
An Appraisal of Population and Land Resources and Their Potentials
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630.72 K419b

591. Jewett, H.H.
Townsend, L.H.
Miris dolobratus (Linn.) and *Amblytylus nasutus* (Kirschbaum): Two Destructive Insect Pests of Kentucky Bluegrass
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630.72 K419b

592. Dimock, W.W.
Edwards, P.R.
Bruner, D.W.
Infections of Fetuses and Foals
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630.72 K419b

593. Roberts, J.B.
Louisville Fall-Premium Plan for Seasonal Milk Pricing
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630.72 K419b

594. Erikson, S.E.
Boyden, R.E.
Effect of Calcium Chloride on Firmness of some Canned Products and on their Content of Ascorbic Acid
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630.72 K419b

595. Dimock, W.W.
Bruner, D.W.
Edwards, P.R.
Periodic Ophthalmia of Horses and Mules
Bulletin no. 512; 1948, 35p.
630.72 K419b

596. Dimock, W.W.
Periodic Ophthalmia of Horses and Mules. I. Clinical Examination of the Eye and Diagnosis of Periodic Ophthalmia
Bulletin no. 512; 1948, p. 5-18
630.72 K419b

597. Dimock, W.W.
Periodic Ophthalmia of Horses and Mules. II. Statistical Studies on Periodic Ophthalmia
Bulletin no. 512; 1948, p. 19-22
630.72 K419b

598. Dimock, W.W.
Bruner, D.W.
Edwards, P.R.
Periodic Ophthalmia of Horses and Mules. III. Experimental Investigation of Periodic Ophthalmia
Bulletin no. 512; 1948, p. 23-35
630.72 K419b

599. Bortner, C.E.
Weeks, M.E.
Karraker, P.E.
Injury to Tobacco Seedlings from Excessive Fertilizer Applications
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630.72 K419b

600. Jewett, H.H.
Life History of *Conoderus lividus* (Deg.)
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630.72 K419b

601. Lewis, E.B.
Card, D.G.
McHargue, J.S.
Tobacco Stalks, Hemp Hurds, and Sorghum Bagasse as Sources of Cellulose for Making High-Quality Paper
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630.72 K419b

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630.72 K419b

603. Ritcher, P.O.
Insko, W.M.
External Parasites of Chickens and their Control
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630.72 K419b

604. Duerr, W.A.
Gustafson, R.O.
Management of Forests in an Eastern Kentucky Area
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630.72 K419b

605. Mason, J.E.
Bondurant, J.H.
Land Ownership and Use in Kentucky
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630.72 K419b

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630.72 K419b

607. Byers, G.B.
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630.72 K419b

608. Bondurant, J.H.
Bishop, C.E.
Farm Wage Workers in Central Kentucky: A Study of Employment and Income and Related Factors
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630.72 K419b

609. Oyler, M.D.
Neighborhood Standing and Population Changes in Johnson and Robertson Counties, Kentucky
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630.72 K419b

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630.72 K419b

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630.72 K419b

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Vennes, L.A.
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630.72 K419b

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630.72 K419b

616. Kaufman, H.F.
Rural Churches in Kentucky, 1947
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630.72 K419b

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Clark, H.B.
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630.72 K419b

621. Spencer, J.T.
Jewett, H.H.
Fergus, E.N.
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630.72 K419b

622. Todd, A.C.
Hull, F.E.
Kelley, G.W.
Wyant, Z.N.
Hansen, M.F.
Worm Parasites in Thoroughbred Mares; A Survey of Occurrence, Development, and Control
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630.72 K419b

623. Ritcher, P.O.
Larvae of Melolonthinae with Keys to Tribes, Genera, and Species (Coleoptera: Scarabaeidae)
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630.72 K419b

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Rural Family Health in a Selected County in Kentucky
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630.72 K419b

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630.72 K419b

627. Todd, A.C.
Kelley, G.W.
Wyant, Z.N.
Hansen, M.F.
Hull, F.E.
Worm Parasites in Thoroughbred Sucklings and Weanlings; a Survey of Incidence, Development, and Control
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630.72 K419b

628. Ritcher, P.O.
May Beetles and their Control in the Inner Bluegrass Region of Kentucky
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630.72 K419b

629. Bruner, D.W.
Edwards, P.R.
Hopson, A.S.
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630. Hole, E.
Bondurant, J.H.
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630.72 K419b

631. Todd, A.C.
Hansen, M.F.
Wyant, Z.N.
Kelley, G.W.
Crowdus, D.H.
Continuous Low-level Versus Periodic Phenothiazine Therapy for Thoroughbred Yearlings
Bulletin no. 545; 1950, 8p.
630.72 K419b

632. Todd, A.C.
Kelley, G.W.
Wyant, Z.N.
Hull, F.E.
Hansen, M.F.
Worm Parasites in Thoroughbred Yearlings: A Survey of Incidence, Development, and Control
Bulletin no. 546; 1950, 15p.
630.72 K419b

633. Olney, A.J.
Lowry, S.J.
Caldwell, L.M.
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630.72 K419b

634. Doll, E.R.
Wallace, M.E.
Hull, F.E.
Serum Levels of Streptomycin in Horses and Sheep
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630.72 K419b

635. Doll, E.R.
Wallace, M.E.
Hull, F.E.
Serum Levels of Penicillin in Domestic Animals
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630.72 K419b

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Klinker, J.E.
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630.72 K419b

637. Todd, A.C.
Hansen, M.F.
Wyant, Z.N.
Kelley, G.W.
Crowdus, D.H.
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630.72 K419b

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Back, W.B.
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630.72 K419b

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630.72 K419b

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Todd, A.C.
Kelley, G.W.
Cawein, M.
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Todd, A.C.
Kelley, G.W.
Cawein, M.
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Fergus, E.N.
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Grayson, G.
Formula Pricing of Fluid Milk
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630.72 K419b

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Control of Green June Beetle Larvae, *Cotinus nitida* (L.)
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630.72 K419b

646. Insko, W.M.
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All-Pullet Flock vs. the Hen Flock
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630.72 K419b

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630.72 K419b

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Vice, K.R.
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630.72 K419b

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630.72 K419b

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Variety Tests of Wheat, Oats, Barley, and Corn in the Pennyroyal Area of Kentucky, 1946-50
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Protecting Stored Corn from Grain Insects by Bags Impregnated with DDT
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630.72 K419b

658. Card, D.G.
Byers, G.B.
Binkley, W.C.
Effect of Work Methods on Time and Ease of Loading Baskets of Tobacco in Sales Warehouses
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630.72 K419b

659. Garrigus, W.P.
Digestible Nutrient Contents of Corn, Bluegrass, Alfalfa, Ladino Fescue, and Soybean Silages for Steers
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630.72 K419b

660. Phillips, C.D.
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630.72 K419b

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630.72 K419b

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630.72 K419b

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Garrigus, W.P.
Barnhart, C.E.
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630.72 K419b

664. Wilford, E.J.
Garrigus, W.P.
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630.72 K419b

665. Garrigus, W.P.
Alfalfa and Bluegrass Silages as Roughages for Fattening Steers in Drylot
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630.72 K419b

666. Johnson, G.L.
Burley Tobacco Control Programs: Their Over-all Effect on Production and Prices, 1933-50
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630.72 K419b

667. Valleau, W.D.
Johnson, E.M.
Diachun, S.
Tobacco Diseases
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630.72 K419b

668. Todd, A.C.
Control of Strongyle Parasites in Horses
Bulletin no. 582; 1952, 22p.
630.72 K419b

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Pendergrass, G.D.
Comparison of Farrowing Crate and Conventional Farrowing Pen with Guard Rails for Brood Sows
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630.72 K419b

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630.72 K419b

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630.72 K419b

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630.72 K419b

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630.72 K419b

674. Brown, J.S.
Family Group in a Kentucky Mountain Farming Community
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630.72 K419b

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Effect of Work Methods and Building Designs on Building Costs and Labor Efficiency for Dairy Chores
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630.72 K419b

676. Thompson, J.F.
Inter-Farm and Inter-Area Shifts in Burley Tobacco Acreages Under Government Control Programs, 1933-50
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630.72 K419b

677. Gooch, E.D.
Clark, C.M.
Basket Price Variations for Burley Tobacco
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630.72 K419b

678. Valleau, W.D.
Johnson, E.M.
Irvine, J.W.
Experiences with Control of Black Shank of Tobacco in 1952
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630.72 K419b

679. Johnson, G.L.
Haver, C.B.
Decision-making Principles in Farm Management
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630.72 K419b

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Bauder, W.W.
Membership Characteristics of Special-Interest Organizations: A Comparison of Large and Small Organizations in Four Kentucky Counties
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630.72 K419b

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Emmert, E.M.
Effect of Foliar Applications of Urea, Sucrose, and Dextrose on Tomato Yields and Quality
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630.72 K419b

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Culton, T.G.
Insko, W.M.
Study of Candling Accuracy with Turkey Hatching Eggs
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630.72 K419b

683. Begin, J.J.
MacLaury, D.W.
Risner, R.
Insko, W.M.
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630.72 K419b

685. Clark, C.M.
Browning, W.
Organization of the Looseleaf Tobacco Auction Market
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630.72 K419b

686. Bondurant, J.H.
Land Classification and Farm Returns: Effect of Quality of Land on Farm Incomes and Net Returns
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630.72 K419b

687. Card, D.G.
Koepper, J.M.
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Circular no. 8; 1915, p. 45-60
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818. McHargue, J.S.
County Agents' Calcimeter
Circular no. 9; 1915, p. 61-68
630.72 K419c

819. Kastle, J.H.
Graham, R.
Wright, H.K.
Suggestions Relative to the Prevention of Hog Cholera
Circular no. 10; 1915, p. 69-80
630.72 K419c

820. Adams, C.S.
Hot Beds and Cold Frames
Circular no. 11; 1916, p. 1-22
630.72 K419c

821. Hooper, J.J.
Wilkins, R.H.
Egg-Laying Contest to be Held by the Kentucky Agricultural Experiment Station
Circular no. 12; 1916, p. 25-39
630.72 K419c

822. Garman, H.
New Sweetcorn Disease in Kentucky
Circular no. 13; 1917, p. 1-4
630.72 K419c

823. Adams, C.S.
Home Garden in Kentucky
Circular no. 14; 1917, p. 5-59
630.72 K419c

824. Garman, H.
Household Pests and their Treatment
Circular no. 15; 1917, p. 61-90
630.72 K419c

825. Garman, H.
Bean Disease Introduced in Diseased Seeds
Circular no. 16; 1917, p. 91-95
630.72 K419c

826. Garman, H.
Foul-Brood of Bees—Its Recognition and Treatment
Circular no. 17; 1917, p. 97-106
630.72 K419c

827. Mann, L.B.
Kentucky's Opportunities as a Sheep State
Circular no. 18; 1917, p. 107-116
630.72 K419c

828. Walz, F.J.
Killing Frost and Length of the Growing Season in Various Sections of Kentucky
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630.72 K419c

829. Good, E.S.
Mann, L.B.
Experiment Comparing Velvet Bean Meal, Tankage and Soy Bean Meal as Supplements to Corn Meal in Feeding Hogs
Circular no. 20; 1918, p. 1-4
630.72 K419c

830. Hutson, J.B.
Live Stock and Other Factors for Profitable Farming in Northern Kentucky
Circular no. 21; 1918, p. 5-20
630.72 K419c

831. Garman, H.
Hathaway, C.L.
Treatment of Seed Wheat with Formalin
Circular no. 22; 1918, p. 21-28
630.72 K419c

832. Hooper, J.J.
Nutter, J.W.
Feeding Trials of Velvet-Bean Feed, Palm-Kernel Meal and Various Grain Mixtures, for Dairy Cows
Circular no. 23; 1918, p. 29-38
630.72 K419c

833. Hooper, J.J.
Nutter, J.W.
Production of Clean Milk at the Kentucky Agricultural Experiment Station
Circular no. 24; 1920, 15p.
630.72 K419c

834. Garman, H.
Destructive Bud-Worm of Apple Trees *(Haploa lecontei)*
Circular no. 25; 1921, p. 1-11
630.72 K419c

835. Good, E.S.
Horlacher, L.J.
Comparison of Broken Ear Corn and Shelled Corn, Fed with Silage, for Fattening Steers
Circular no. 26; 1921, p. 13-26
630.72 K419c

836. Garman, H.
Strawberry Crown-Borer *(Tyloderma fragariae)*
Circular no. 27; 1921, p. 27-34
630.72 K419c

837. Valleau, W.D.
Kinney, E.J.
Strains of Standup White Burley Tobacco Resistant Root Rot
Circular no. 28; 1922, p. 1-16
630.72 K419c

838. Fergus, E.N.
Self-Fertility in Red Clover: A Report of Progress on an Attempt to Secure Self-Fertile Lines in this Crop
Circular no. 29; 1922, p. 17-36
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839. Cooper, T.
Discussions and Demonstrations on Breeding Problems. 1. Introduction
Circular no. 30; 1922, p. 37-40
630.72 K419c

840. Way, C.
Discussions and Demonstrations on Breeding Problems. 2. Abortion, Sterility and Breeding Hygiene
Circular no. 30; 1922, p. 41-58
630.72 K419c

841. Dimock, W.W.
Discussions and Demonstrations on Breeding Problems. 3. Report of Progress of Work on Sterility
Circular no. 30; 1922, p. 59-68
630.72 K419c

842. Good, E.S.
Discussions and Demonstrations on Breeding Problems. 4. Infectious Abortion of Mares
Circular no. 30; 1922, p. 69-74
630.72 K419c

843. Anderson, W.S.
Discussions and Demonstrations on Breeding Problems. 5. Genetics in Relation to Horse Breeding
Circular no. 30; 1922, p. 75-78
630.72 K419c

844. Anderson, W.S.
Discussion and Demonstrations on Breeding Problems. 6. Sterile Males
Circular no. 30; 1922, p. 79-82
630.72 K419c

845. Discussions and Demonstrations on Breeding Problems. 7. Demonstrations
Circular no. 30; 1922, p. 83-84
630.72 K419c

846. Anderson, W.S.
Peter, A.M.
Healy, D.J.
Discussions and Demonstrations on Breeding Problems. 8. The Hydrogen Ion Concentration of Horse Semen
Circular no. 30; 1922, p. 85-93
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847. Garman, H.
Mexican Bean Beetle in Kentucky
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630.72 K419c

848. Jones, S.C.
Marls for Liming Soils
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Bacillary White Diarrhea
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850. Gardner, J.S.
Mathews, C.W.
Potato Growing in Kentucky
Circular no. 34; 1924, p. 21-58
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851. Garman, H.
Beekeeping for Beginners
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852. Jewett, H.H.
Mexican Bean Beetle
Circular no. 36; 1927, p. 1-18
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853. Jewett, H.H.
Striped Cucumber Beetle
Circular no. 37; 1927, p. 19-34
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854. Horlacher, L.J.
Temporary Pastures for Fattening Spring Lambs
Circular no. 38; 1927, p. 35-49
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855. Dimock, W.W.
Healy, D.J.
Hull, F.E.
Acidosis of Pregnant Ewes: So-Called Pregnancy Disease of Sheep
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630.72 K419c

856. Edwards, P. R.
Hull, F.E.
Bacillary White Diarrhea
Circular no. 40; 1928, 15p.
630.72 K419c

857. Dimock, W.W.
Prevention and Eradication of Bang's Disease
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858. Jewett, H.H.
Clover Root Curculio
Circular no. 42; 1934, p. 13-23
630.72 K419c

859. Emmert, E.M.
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860. Jewett, H.H.
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Harms, A.
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630.72 K419c

864. Buckner, G.D.
Insko, W.M.
Martin, J.H.
Harms, A.
Value of Leaf Meals of Alfalfa, Korean Lespedeza and Lespedeza Sericea in All-Mash Chick Rations
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871. Edwards, P. R.
Serological Identification of Salmonella Cultures
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Doll, E.R.
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875. Dimock, W.W.
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891. Thompson, C.M.
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892. Thompson, C.M.
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896. Garrigus, W.P.
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897. Barnhart, C.E.
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898. Barnhart, C.E.
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899. Barnhart, C.E.
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901. Barnhart, C.E.
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905. Woolfolk, P. G.
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906. Woolfolk, P. G.
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907. Woolfolk, P. G.
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910. Dutt, R.H.
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913. Dutt, R.H.
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914. Dutt, R.H.
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916. Varney, W.Y.
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917. Thompson, C.M.
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918. Thompson, C.M.
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924. Long, R.A.
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927. Barnhart, C.E.
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928. Barnhart, C.E.
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929. Barnhart, C.E.
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930. Barnhart, C.E.
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935. Dutt, R.H.
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949. Grainger, R.B.
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952. Woolfolk, P. G.
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953. Woolfolk, P. G.
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954. Woolfolk, P. G.
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955. Barnhart, C.E.
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956. Barnhart, C.E.
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957. Barnhart, C.E.
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958. Barnhart, C.E.
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959. Barnhart, C.E.
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960. Barnhart, C.E.
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961. Barnhart, C.E.
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962. Barnhart, C.E.
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963. Livestock Field Day:
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964. Parsons, A.R.
Garrigus, W.P.
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965. Parsons, A.R.
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636.072 K419

966. Parsons, A.R.
Kemp, J.D.
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967. Parsons, A.R.
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636.072 K419

968. Parsons, A.R.
Garrigus, W.P.
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969. Parsons, A.R.
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636.072 K419

970. Gray, R.C.
Parsons, A.R.
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971. Garrigus, W.P.
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636.072 K419

972. Buck, F.
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636.072 K419

973. Kemp, J.D.
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974. Kemp, J.D.
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975. Varney, W.Y.
Kemp, J.D.
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976. Kemp, J.D.
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Varney, W.Y.
Grainger, R.B.
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636.072 K419

977. Woolfolk, P. G.
Jones, R.
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Livestock Field Day 1957, p. 35-36
636.072 K419

978. Overfield, J.R.
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Lowry, S.J.
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979. Grainger, R.B.
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636.072 K419

980. Gay, N.
Grainger, R.B.
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636.072 K419

981. Gay, N.
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Baker, F.H.
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982. Baker, F.H.
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Effects of Distillers Dried Solubles and Alfalfa Ash on the Digestion and Utilization of High Roughage Rations by Sheep
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983. Grainger, R.B.
Singer, R.H.
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984. Barnhart, C.E.
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985. Barnhart, C.E.
Cathey, T.W.
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636.072 K419

986. Barnhart, C.E.
Overfield, J.R.
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987. Barnhart, C.E.
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Varney, W.Y.
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988. Barnhart, C.E.
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636.072 K419

989. Barnhart, C.E.
Cathey, T.W.
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636.072 K419

990. Barnhart, C.E.
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636.072 K419

991. Barnhart, C.E.
Overfield, J.R.
Lowry, S.J.
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636.072 K419

992. Brown, H.
Whiteker, M.D.
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Kemp, J.D.
Varney, W.Y.
Effects of Oral Feeding of Methylandrostenediol to Growing-Finishing Pigs
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636.072 K419

993. Whiteker, M.D.
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Kemp, J.D.
Varney, W.Y.
Effects of Oral Feeding of Methylandrostenediol, Methyltestosterone and Protomone to Growing-Finishing Pigs
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636.072 K419

994. Livestock Field Day:
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Princeton, July 18, 1958
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636.072 K419

995. Barnhart, C.E.
Whiteker, M.D.
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636.072 K419

996. Whiteker, M.D.
Barnhart, C.E.
Nichols, C.W.
Self-Feeding Versus Hand-Feeding Bred Gilts During Winter Gestation
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636.072 K419

997. Howe, R.D.
Barnhart, C.E.
Chaney, C.H.
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636.072 K419

998. Barnhart, C.E.
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636.072 K419

999. Barnhart, C.E.
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1000. Barnhart, C.E.
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636.072 K419

1001. Overfield, J.R.
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1002. Robertson, J.C.
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1003. Chaney, C.H.
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1004. Cathey, T.W.
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Effects of Sprinkling Growing-Finishing Hogs Fed on Concrete During the Summer
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636.072 K419

1005. Barnhart, C.E.
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636.072 K419

1006. Barnhart, C.E.
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1007. Overfield, J.R.
Woolfolk, P. G.
Lowry, S.J.
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636.072 K419

1008. Davidson, T.J.
Woolfolk, P. G.
Alfalfa-Bromegrass Silage with and without Trace Minerals for Pregnant-Lactating Ewes
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636.072 K419

1009. Woolfolk, P. G.
Slaughter, M.A.
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1010. Woolfolk, P. G.
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Pasture and Drylot Fattening of Western Feeder Lambs with and without Tranquilizer
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1011. Woolfolk, P. G.
Boyd, L.H.
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Tranquilizer and Phenothiazine in Growing Rations for Ewe Lambs
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1012. Ramsey, B.
Kemp, J.D.
Factors Affecting Viscera Weights of Hogs
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1013. Kemp, J.D.
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1014. Varney, W.Y.
Kemp, J.D.
Factors Affecting Carcass Characteristics of Beef Cattle
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636.072 K419

1015. Kemp, J.D.
Goodlett, J.L.
Varney, W.Y.
Effect of Smoking and Smoking Temperatures on the Shrinkage, Rancidity Development, and Palatability of Dry-Cured Hams
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1016. Stroud, J.W.
Baker, F.H.
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Effect of Hygromycin A in Lamb Fattening and Digestion Studies
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1017. Baker, F.H.
Grainger, R.B.
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1018. Dutt, R.H.
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1019. Simpson, E.C.
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1020. Dutt, R.H.
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1021. Dutt, R.H.
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636.072 K419

1022. Simpson, E.C.
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636.072 K419

1023. Parsons, A.R.
Garrigus, W.P.
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1024. Parsons, A.R.
Baker, F.H.
Garrigus, W.P.
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1025. Parsons, A.R.
Baker, R.H.
Garrigus, W.P.
Effect of Tranquilizers on Growing Steer Calves Being Wintered on Low-Quality Roughage
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1026. Parsons, A.R.
Baker, F.H.
Garrigus, W.P.
Effect of Terramycin and Diethylstibestrol Additions on Fattening Steers Being Fed an Economy Supplement
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1027. Parsons, A.R.
Steele, D.G.
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1028. Livestock Field Day; Lexington, July 15, 1959 - Princeton; July 17, 1959
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1029. Woolfolk, P. G.
Boyd, L.H.
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1030. Boyd, L.H.
Woolfolk, P. G.
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1031. Woolfolk, P. G.
Overfield, J.R.
Boyd, L.H.
Lowry, S.J.
Creep-Feeding Trials with Lambs at Lexington and Princeton
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1032. Woolfolk, P. G.
Overfield, J.R.
Lowry, S.J.
Performance of Yearling Ewes Previously Wintered as Ewe Lambs at Two Levels of Nutrition
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1033. Grooms, R.D.
Woolfolk, P. G.
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1034. Kemp, J.D.
Factors Affecting the Carcass Characteristics of Beef Cattle Produced by the Kentucky Cow-and-Calf Plan
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1035. Carcass Evaluation of Lambs from Selected Crosses
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1036. Kemp, J.D.
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1037. Ockerman, H.W.
Kemp, J.D.
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636.072 K419

1038. Ramsey, B.
Kemp, J.D.
Microbiological Techniques in the Determination of Rancidity in Pork Fat
Livestock Field Day 1959, p. 25
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1039. Bradley, N.W.
Parsons, A.R.
Overfield, J.R.
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1040. Bradley, N.W.
Summers, L.
Jones, B.
Trifluomeprazine and Stilbestrol as Additives to Fattening Rations for Beef Steers
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1041. Bradley, N.W.
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1042. Bradley, N.W.
Parsons, A.R.
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636.072 K419

1043. Bradley, N.W.
Jones, B.
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Effect of an Injectable Tranquilizer on the Shipment of Slaughter Cattle
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1044. Bradley, N.W.
Parsons, A.R.
Baker, F.H.
Garrigus, W.P.
Supplementation of Low Quality Roughage with Distillers' Feeds; Source of Carbohydrate for Beef Cattle
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1045. Buck, F.
Templeton, W.C.
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Garrigus, W.P.
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1046. Bradley, N.W.
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Livestock Field Day 1959, p. 47-51
636.072 K419

1047. Bradley, N.W.
Parsons, A.R.
Garrigus, W.P.
Influence of Sire Perfromance, Creep-Feeding, and System of Production on Feeder Calves and Slaughter Calves
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1048. Barnhart, C.E.
Cathey, T.W.
Kemp, J.D.
Hampshire Swine Herd Performance Record Project
Livestock Field Day 1959, p. 55
636.072 K419

1049. Barnhart, C.E.
Chaney, C.H.
Bingham, J.R.
Feed Additives for Growing — Finishing Pigs
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636.072 K419

1050. Barnhart, C.E.
Whiteker, M.D.
Cathey, T.W.
Effects of Feeding Furazolidone to Brood Sows During Gestation and Lactation and Subsequent Performance of their Pigs
Livestock Field Day 1959, p. 62-63
636.072 K419

1051. Barnhart, C.E.
Overfield, J.R.
Lowry, S.J.
Protein Supplements for Growing-Finishing Pigs on Alfalfa Pasture and on Concrete
Livestock Field Day 1959, p. 64-66
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1052. Livestock Field Day:
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Princeton, July 15, 1960
Livestock Field Day 1960, 102p.
636.072 K419

1053. Arnett, D.
Bradley, N.W.
Pelleted, Flaked and Ground Corn and Pelleted Distillers Dried Grains with Solubles for Finishing Beef Steers in Dry Lot
Livestock Field Day 1960, p. 7-9
636.072 K419

1054. Jones, B.
Bradley, N.W.
Grainger, R.B.
Effect of Fat and Urea on Finishing Rations for Beef Steers
Livestock Field Day 1960, p. 10-12
636.072 K419

1055. Summers, L.
Bradley, N.W.
Effect of Trifluomeprazine, Terramycin and Stilbestrol Implants on the Performance of Finishing Beef Steers
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636.072 K419

1056. Bradley, N.W.
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Trifluomeprazine Implants for Beef Steers Being Finished in Dry Lot and on Pasture
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1057. Bradley, N.W.
Summers, L.
Graded Levels of Reserpine for Beef Steers Being Fed a Finishing Type Ration in Dry Lot
Livestock Field Day 1960, p. 18-19
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1058. Bradley, N.W.
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Effect of Reserpine on the Performance of Calves Fed Wintering Type Rations
Livestock Field Day 1960, p. 20-21
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1059. Bradley, N.W.
Overfield, R.
Lowry, S.J.
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Diethylstilbestrol Implants for Wintering Stocker Steers and for Steers Being Fed Grain While Grazing
Livestock Field Day 1960, p. 22-26
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1060. Bradley, N.W.
Parsons, A.R.
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Effect of Implanting Diethylstilbestrol with and without Terramycin on the Performance of Grazing Steers
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636.072 K419

1061. Buck, F.
Templeton, W.C.
Taylor, T.H.
Garrigus, W.P.
Fergus, E.N.
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Livestock Field Day 1960, p. 32-33
636.072 K419

1062. Bradley, N.W.
Garrigus, W.P.
Varney, W.Y.
Performance and Carcass Characteristics of Red Poll X Hereford and Hereford Calves Slaughtered at Weaning
Livestock Field Day 1960, p. 34-37
636.072 K419

1063. Bradley, N.W.
Steele, D.G.
Jones, B.
Kemp, J.D.
Performance and Progeny Testing of Beef Bulls
Livestock Field Day 1960, p. 38-41
636.072 K419

1064. Bradley, N.W.
Jones, B.
Arnett, D.
Effect of an Injectable Tranquilizer on Intransit Shrink of Slaughter Steers
Livestock Field Day 1960, p. 42-47
636.072 K419

1065. Kemp, J.D.
Varney, W.Y.
Woolfolk, P. G.
Carcass Evaluation of Lambs Selected from Selected Crosses
Livestock Field Day 1960, p. 49-50
636.072 K419

1066. Field, R.A.
Varney, W.Y.
Kemp, J.D.
Phillips, C.D.
Processing Costs and Consumer Acceptance of Light and Normal Market Weight Hogs
Livestock Field Day 1960, p. 51-53
636.072 K419

1067. Skelley, G.C.
Kemp, J.D.
Varney, W.Y.
Effects of Partial-Pumping on the Shrinkage, Rancidity Development, and Palatability of Aged Hams
Livestock Field Day 1960, p. 54-56
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1068. Ramsey, C.B.
Kemp, J.D.
Grainger, R.B.
Colorimetric Method for Measuring Rancidity in Pork Fat
Livestock Field Day 1960, p. 57
636.072 K419

1069. Kemp, J.D.
Varney, W.Y.
Phillips, C.D.
Meat Consumer Survey at 1959 Kentucky State Fair
Livestock Field Day 1960, p. 58-60
636.072 K419

1070. Grainger, R.B.
Stroud, J.W.
Buck, C.F.
Liver Copper Storage in Cattle Grazing Brome-Ladino, Bluegrass-White Clover and Birdsfoot Trefoil-Bluegrass
Livestock Field Day 1960, p. 61
636.072 K419

1071. Grainger, R.B.
Stroud, J.W.
Effect of Supplemental Fat, Erythromycin and Trace Minerals on the Value of Corncob Rations for Fattening Lambs
Livestock Field Day 1960, p. 62
636.072 K419

1072. Grainger, R.B.
Stroud, J.W.
Morrill, J.L.
Jacobson, D.R.
Study of the Copper Molybdenum Nutritional Status of Grazing Cattle
Livestock Field Day 1960, p. 63
636.072 K419

1073. Stroud, J.W.
Grainger, R.B.
Neutral Fat as a Source of Energy for Fattening Wethers
Livestock Field Day 1960, p. 64
636.072 K419

1074. Grainger, R.B.
Stroud, J.W.
Effect of Hygromycin A in Lamb Fattening and Digestion Studies
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1076. Grainger, R.B.
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1077. Grainger, R.B.
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1078. Mobberly, J.S.
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1079. Baker, F.H.
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1083. Woolfolk, P. G.
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1084. Drudge, J.H.
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1086. Barnhart, C.E.
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1087. Robertson, J.C.
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1089. Barnhart, C.E.
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1090. Overfield, J.R.
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1091. Bingham, R.
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1092. Barnhart, C.E.
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1095. Livestock Field Days—1961; Coldstream Farm—July 19, Princeton—July 21
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Progress Report no. 83; 1959, 17p.
630.72 K419p

1210. Halter, A.N.
Bradford, G.L.
Changes in the Weather and Production Functions for a Sample of West Kentucky Farms
Progress Report no. 84; 1959, 22p.
630.72 K419p

1211. Shane, J.F.
Results of the Kentucky Grain Sorghum Performance Tests, 1959
Progress Report no. 85; 1959, 14p.
630.72 K419p

1212. Loeffel, F.A.
Shane, J.F.
Richards, H.R.
Results of the Kentucky Hybrid Corn Performance Test, 1959
Progress Report no. 86; 1960, 24p.
630.72 K419p

1213. Freeman, J.F.
Phillips, S.H.
Results of the Kentucky Soybean Variety Performance and Fertilizer Tests, 1959
Progress Report no. 87; 1960, 11p.
630.72 K419p

1214. Youmans, E.G.
Socio-Economic Problems of Older Persons in Casey County, Kentucky
Progress Report no. 88; 1960, 48p.
630.72 K419p

1215. Shane, J.F.
Loeffel, F.A.
Richards, H.R.
Results of the Kentucky Hybrid Popcorn Performance Trials, 1959
Progress Report no. 89; 1960, 7p.
630.72 K419p

1216. Shane, J.F.
Results of the Kentucky Sorgo Performance Test, 1959
Progress Report no. 90; 1960, 2p.
630.72 K419p

1217. Minton, W.H.
Strawberry Marketing in Kentucky, 1959
Progress Report no. 91; 1960, 5p.
630.72 K419p

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Construction and Heating of Plastic Greenhouses
Progress Report no. 92; 1960, 11p.
630.72 K419p

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Kentucky Farmers' Needs and Sources of Information
Progress Report no. 93; 1960, 15p.
630.72 K419p

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Sociocultural Factors and the Career Aspirations and Plans of Rural Kentucky High School Seniors
Progress Report no. 94; 1960, 39p.
630.72 K419p

1221. Halter, A.N.
Proctor, E.A.
Keller, L.H.
Factors Underlying Milk Output and Supply Responses in the Louisville Milkshed
Progress Report no. 95; 1960, 22p.
630.72 K419p

1222. Shane, J.F.
Richards, H.R.
Link, L.A.
Results of the Kentucky Grain Sorghum Performance Tests, 1960
Progress Report no. 96; 1961, 11p.
630.72 K419p

1223. Shane, J.F.
Loeffel, F.A.
Richards, H.R.
Results of the Kentucky Hybrid Popcorn Performance Trials, 1960
Progress Report no. 97; 1961, 12p.
630.72 K419p

1224. Minton, W.H.
Strawberry Marketing in Kentucky, 1960
Progress Report no. 98; 1961, 6p.
630.72 K419p

1225. Loeffel, F.A.
Shane, J.F.
Results of the Kentucky Hybrid Corn Performance Test, 1960
Progress Report no. 99; 1961, 24p.
630.72 K419p

1226. Atkinson, W.O.
Cigarette Size and Composition
Progress Report no. 100; 1961. 7p.
630.72 K419p

1227. Freeman, J.F.
Richards, H.R.
Phillips, S.H.
Results of the Kentucky Soybean Variety Performance and Row-Width Tests, 1960
Progress Report no. 101; 1961, 8p.
630.72 K419p

1228. Fuqua, J.E.
Byers, G.B.
Advantages and Problems in Sheep Production
Progress Report no. 102; 1961, 14p.
630.72 K419p

1229. Shane, J.F.
Results of the Kentucky Sorgo Performance Test, 1960
Progress Report no. 103; 1961. 3p.
630.72 K419p

1230. Youmans, E.G.
Health Problems of Older Persons in Selected Rural and Urban Areas of Kentucky
Progress Report no. 104; 1961, 55p.
630.72 K419p

1231. Youmans, E.G.
Economic Status and Attitudes of Older Men in Selected Rural and Urban Areas of Kentucky
Progress Report no. 105; 1961, 43p.
630.72 K419p

1232. Wightman, M.R.
Roberts, J.B.
Comparison of Working and Nonworking Wives in Food Shopping and Preparation
Progress Report no. 106; 1961, 12p.
630.72 K419p

1233. Stovall, J.G.
Thompson, J.F.
Byers, G.B.
Economic Analysis of the State Institutional Farm System
Progress Report no. 107; 1961, 66p.
630.72 K419p

1234. Martin, W.K.
Loeffel, F.A.
Results of the Kentucky Hybrid Corn Performance Test, 1961
Progress Report no. 108; 1962, 24p.
630.72 K419p

1235. Martin, W.K.
Loeffel, F.A.
Richards, H.R.
Results of the Kentucky Hybrid Popcorn Performance Trials, 1961
Progress Report no. 109; 1962, 6p.
630.72 K419p

1236. Shane, J.F.
Richards, H.R.
Results of the Kentucky Grain Sorghum Performance Tests, 1962
Progress Report no. 110; 1962, 11p.
630.72 K419p

1237. Coughenour, C.M.
Patel, N.B.
Trends in Use of Recommended Farm Practices and Farm Information Sources in 12 Kentucky Neighborhoods
Progress Report no. 111; 1962, 37p.
630.72 K419p

1238. Shane, J.F.
Results of the Kentucky Sorgo Performance Test, 1961
Progress Report no. 112; 1962, 2p.
630.72 K419p

1239. Freeman, J.F.
Richards, H.R.
Phillips, S.H.
Results of the Kentucky Soybean Variety Performance and Row-Width Tests, 1961
Progress Report no. 113; 1962, 9p.
630.72 K419p

1240. Wightman, M.R.
How Mothers Feel About the Milk-Drinking Habits of their Teenage Daughters
Progress Report no. 114; 1962, 11p.
630.72 K419p

1241. Youmans, E.G.
Leisure-Time Activities of Older Persons in Selected Rural and Urban Areas of Kentucky
Progress Report no. 115; 1962, 42p.
630.72 K419p

1242. Kentucky Animal Science Research Reports, 1962
Progress Report no. 116; 1962, 104p.
630.72 K419p

1243. Bradley, N.W.
Jones, B.M.
Effects of Taractan and Tranimal on Beef Steers Being Fattened in Drylot
Progress Report no. 116; 1962, p. 3-4
630.72 K419p

1244. Bradley, N.W.
McKechnie, D.
Reitnour, M.
Gay, N.
Tranimal and Diethylstibestrol Implants for Fattening Beef Steers
Progress Report no. 116; 1962, p. 5-8
630.72 K419p

1245. Bradley, N.W.
Garrigus, W.P.
Garrigus, R.R.
Overfield, J.R.
Lowry, S.J.
Effects of Physical Form and Soybean Meal, Corn and Alfalfa Hay on the Utilization of Soybean Hulls by Beef Steers
Progress Report no. 116; 1962, p. 9-11
630.72 K419p

1246. Little, C.O.
Bradley, N.W.
Jones, B.M.
Ground Flaked and Pelleted Corn for Fattening Beef Steers
Progress Report no. 116; 1962, p. 12-14
630.72 K419p

1247. Bradley, N.W.
Greathouse, T.R.
Garrigus, W.P.
Varney, W.Y.
Mahin, H.
Effects of Sire, Breed and Sex on Preweaning and Postweaning Performance of Hereford and Hereford X Red Poll Calves
Progress Report no. 116; 1962, p. 15-18
630.72 K419p

1248. Bradley, N.W.
Jones, B.M.
Mitchell, G.E.
Effect for Beef Steers of Fat and Urea on Fattening Rations
Progress Report no. 116; 1962, p. 19-21
630.72 K419p

1249. Bradley, N.W.
Varney, W.Y.
Garrigus, R.R.
Reitnour, C.M.
Gay, N.
Effect of Stilbestrol Implants During the Preweaning Period on Postweaning Feedlot Performance of Steers and Heifers Receiving Stilbestrol Orally
Progress Report no. 116; 1962, p. 22-25
630.72 K419p

1250. Hail, S.V.
Huber, T.L.
Little, C.O.
Bradley, N.W.
Mitchell, G.E.
Effect of Nitrate Feeding on Serum Carotene and Vitamin A in Steers
Progress Report no. 116; 1962, p. 26-28
630.72 K419p

1251. Hayes, B.W.
Little, C.O.
Mitchell, G.E.
Stability of Gelatinized Vitamin A Mixed with Salt
Progress Report no. 116; 1962, p. 29-30
630.72 K419p

1252. Buck, C.F.
Templeton, W.C.
Garrigus, W.P.
Pasture Evaluation with Feed Supplementation for Beef Production
Progress Report no. 116; 1962, p. 31-32
630.72 K419p

1253. Knapp, F.W.
Drudge, J.H.
Hall, R.
Mahin, H.
Cattle Grub and Internal Parasite Control Studies
Progress Report no. 116; 1962, p. 33-36
630.72 K419p

1254, Dutt, R.H.
Woolfolk, P. G.
Ericsson, R.J.
Evans, J.S.
Selective Breeding for Earlier Lambing in Purebred Southdown Sheep
Progress Report no. 116; 1962, p. 39-40
630.72 K419p

1255. Dutt, R.H.
Fertility and Embryo Survival in Ewes Following Removal from Heat Stress at or before Breeding
Progress Report no. 116; 1962, p. 41
630.72 K419p

1256. Evans, J.S.
Dutt, R.H.
Initiation of Breeding Activity and Pregnancy in Anestrous Ewes by Use of Provera and Pregnant Mare Serum
Progress Report no. 116; 1962, p. 42
630.72 K419p

1257. Ericsson, R.J.
Dutt, R.H.
Effect of Scrotal Wool on Testicular Temperature and Semen Production in Rams
Progress Report no. 116; 1962, p. 43
630.72 K419p

1258. Evans, J.S.
Dutt, R.H.
Breeding Performance in Ewes Following Synchronization of Estrus by Feeding Provera
Progress Report no. 116; 1962, p. 44
630.72 K419p

1259. Rogers, R.W.
Kemp, J.D.
Varney, W.Y.
Effects of Partial-Pumping on the Characteristics of Aged Hams
Progress Report no. 116; 1962, p. 47-49
630.72 K419p

1260. Skelley, G.C.
Kemp, J.D.
Varney, W.Y.
Quick Aging of Hams
Progress Report no. 116; 1962, p. 50-52
630.72 K419p

1261. Rogers, R.W.
Kemp, J.D.
Varney, W.Y.
Shrinkage and Rancidity Development of Dry-Cured Hams from Hogs of Different Degrees of Fatness
Progress Report no. 116; 1962, p. 53-54
630.72 K419p

1262. Skelley, G.C.
Kemp, J.D.
Little, C.O.
Colorimetric Method for Measuring Rancidity in Fat from Quick Aged Hams
Progress Report no. 116; 1962, p. 55
630.72 K419p

1263. Varney, W.Y.
Kemp, J.D.
Barnhart, C.E.
Relative Cut Out Percentages and Values of Light and Heavier Weight Hogs
Progress Report no. 116; 1962, p. 56-59
630.72 K419p

1264. Varney, W.Y.
Kemp, J.D.
Pork Loin Eye Comparisons
Progress Report no. 116; 1962, p. 60
630.72 K419p

1265. Kemp, J.D.
Field, R.A.
Varney, W.Y.
Woolfolk, P. G.
Effects of Sex and Type of Rearing on Carcass Characteristics of Southdown Sired Lambs
Progress Report no. 116; 1962, p. 61- 64
630.72 K419p

1266. Field, R.A.
Kemp, J.D.
Varney, W.Y.
Relationships Between Certain Lamb Carcass Weights and Measurements and Carcass Composition
Progress Report no. 116; 1962, p. 65-68
630.72 K419p

1267. Varney, W.Y.
Kemp, J.D.
Bradley, N.W.
Effect of Sire. Breed and Sex on Carcass Charactertistics of Beef Cattle
Progress Report no. 116; 1962, p. 68
630.72 K419p

1268. Gay, J.M.
Woolfolk, P. G.
Reese, C.M.
Creep Rations for Lambs
Progress Report no. 116; 1962, p. 71-73
630.72 K419p

1269. Woolfolk, P. G.
Slaughter, M.A.
Hawkins, O.D.
Creep Feeding Suckling Lambs on Pasture at Eden Shale Farm
Progress Report no. 116; 1962, p. 74-75
630.72 K419p

1270. Woolfolk, P. G.
Overfield, J.R.
Lowry, S.J.
Ewe Performance and Creep Feeding Trials
Progress Report no. 116; 1962, p. 76-77
630.72 K419p

1271. Marsh, C.G.
Woolfolk, P. G.
Protein-Mineral Blocks and Four Drenching Treatments for Western Ewe Lambs Wintering on Permanent Pasture
Progress Report no. 116; 1962. p. 78-79
630.72 K419p

1272. Woolfolk, P. G.
Boyd, L.H.
Holbert, E.G.
Value of Routine Adminsitration of Furazolidone to Young Suckling Lambs
Progress Report no. 116; 1962, p. 80
630.72 K419p

1273. Woolfolk, P. G.
Reese, C.M.
Alfalfa-Bromegrass Silages and Two Levels of Grain for Wintering Ewes
Progress Report no. 116; 1962, p. 81-82
630.72 K419p

1274. Woolfolk, P. G.
Reese, C.M.
Kentucky Sheep Evaluation Trial, 1961-1962
Progress Report no. 116; 1962, p. 83-88
630.72 K419p

1275. Barnhart, C.E.
Chaney, C.H.
Cathey, T.W.
Effects of a Nitrofuran on Gestating Brood Sows
Progress Report no. 116; 1962, p. 91-92
630.72 K419p

1276. Broadbent, R.K.
Barnhart, C.E.
Nichols, C.W.
Chaney, C.H.
Comparison of Alfalfa and Corn Silage for Bred Sows
Progress Report no. 116; 1962, p. 93-95
630.72 K419p

1277. Barnhart, C.E.
Chaney, C.H.
Nichols, C.W.
Carlin, T.
Effects of Injectable Antibiotics upon Bred Gilts
Progress Report no. 116; 1962, p. 96
630.72 K419p

1278. Ramage, D.R.
Barnhart, C.E.
Chaney, C.H.
Cathey, T.W.
Feed Additives for Early Weaned Pigs
Progress Report no. 116; 1962, p. 97
630.72 K419p

1279. Miller, H.W.
Barnhart, C.E.
Chaney, C.H.
Feed Additives for Growing Pigs
Progress Report no. 116; 1962, p. 98
630.72 K419p

1280. Miller, H.W.
Barnhart, C.E.
Chaney, C.H.
Nichols, C.W.
Carlin, T.
Feed Additives for Growing Pigs
Progress Report no. 116; 1962, p. 99-100
630.72 K419p

1281. Ramage, D.R.
Barnhart, C.E.
Chaney, C.H.
Cathey, T.W.
Further Studies with Nitrofurans and Other Swine Feed Additives
Progress Report no. 116; 1962, p. 101-102
630.72 K419p

1282. Ramage, D.R.
Barnhart, C.E.
Chaney, C.H.
Cathey, T.W.
Comparison of a Nitrofuran and Aureomycin for Growing Pigs
Progress Report no. 116; 1962, p. 103
630.72 K419p

1283. Knavel, D.E.
Performance of Vegetable Varieties in Kentucky, 1959, 1960, 1961
Progress Report no. 117; 1962, 31p.
630.72 K419p

1284. Doll, E.C.
Fertilizer Experiments with Corn in Kentucky
Progress Report no. 118; 1962, 8p.
630.72 K419p

1285. Thompson, J.
Allen, S.
Resource Combinations: Their Effect on Resource Use and Potential Productivity on Three Types of Kentucky Farms
Progress Report no. 119; 1962, 33p.
630.72 K419p

1286. Coughenour, C.M.
Kothari, K.B.
What Bluegrass Farmers Think are the Conditions for Using Soil-Conservation and Soil-Building Practices
Progress Report no. 120; 1962, 14p.
630.72 K419p

1287. Martin, W.K.
Loeffel, F.A.
Richards, H.R.
Results of the Kentucky Hybrid Popcorn Performance Trials, 1962
Progress Report no. 121; 1962, 8p.
630.72 K419p

1288. Doll, E.C.
Miller, H.F.
Link, L.A.
Rotation and Nitrogen Experiments with Corn and Wheat
Progress Report no. 122; 1963, 13p.
630.72 K419p

1289. Wightman, M.R.
Kentucky Urban Homemakers' Attitudes, Preferences and Practices Concerning Dairy Products
Progress Report no. 123; 1963, 26p.
630.72 K419p

1290. Richards, H.R.
Phillips, S.H.
Results of the Kentucky Soybean Variety Performance Tests, 1962
Progress Report no. 124; 1963, 14p.
630.72 K419p

1291. Martin, W.K.
Loeffel, F.A.
Results of the Kentucky Hybrid Corn Performance Test, 1962
Progress Report no. 125; 1963, 24p.
630.72 K419p

1292. Shane, J.F.
Richards, H.R.
Results of the Kentucky Grain Sorghum Performance Tests, 1962
Progress Report no. 126; 1963, 10p.
630.72 K419p

1293. Smith, E.D.
How Much do Farmers Know About their Cooperatives? A Study of One Kentucky County
Progress Report no. 127; 1963, 19p.
630.72 K419p

1294. Titkemeyer, C.W.
Ressang, A.A.
Communicable Diseases and their Effects on Public Health in Indonesia
Progress Report no. 128; 1963, 17p.
630.72 K419p

1295. Fuqua, J.E.
Atkinson, W.O.
Byers, G.B.
Returns to Priming Burley Tobacco: with Special Consideration for Hand Versus Machine Methods and Scaffolding
Progress Report no. 129; 1963, 17p.
630.72 K419p

1296. Coughenour, C.M.
Armstrong, J.B.
County Agents' Activities and Farmers' Use of Soil-Building Practices
Progress Report no. 130; 1963, 9p.
630.72 K419p

1297. Kentucky Animal Science Research Reports, 1963
Progress Report no. 131; 1963, 98p.
630.72 K419p

1298. Woolfolk, P. G.
Reese, C.M.
Turner, D.
Performance of Ewes on Wilted and Corn Preserved Alfalfa Silage
Progress Report no. 131; 1963, p. 5-6
630.72 K419p

1299. Woolfolk, P. G.
Holbert, E.G.
Hawkins, O.D.
Creep Feeding of Lambs on Pasture
Progress Report no. 131; 1963, p. 7-8
630.72 K419p

1300. Reese, C.M.
Woolfolk, P. G.
Creep Rations for Lambs
Progress Report no. 131; 1963, p. 9-11
630.72 K419p

1301. Woolfolk, P. G.
Overfield, J.R.
Lowry, S.J.
West Kentucky Substation Ewe Performance and Creep Feeding Trials
Progress Report no. 131; 1963, p. 12-14
630.72 K419p

1302. Woolfolk, P. G.
Boyd, L.H.
Reese, C.M.
Slaughter, M.A.
Holbert, E.G.
Hawkins, O.D.
Southdown, Southdown-Hampshire Crossbred, and Hampshire Rams as Sires of Spring Lambs
Progress Report no. 131; 1963, p. 15-16
630.72 K419p

1303. Hayes, B.W.
Little, C.O.
Mitchell, G.E.
Influence of Ruminal and Abomasal Fistulation on Digestion
Progress Report no. 131; 1963, p. 17-19
630.72 K419p

1304. Huber, T.L.
Mitchell, G.E.
Little, C.O.
Influence of Glucose Drenching on Acid:Base Components of Extracellular Fluids of Sheep
Progress Report no. 131; 1963, p. 20-23
630.72 K419p

1305. Klatte, F.J.
Little, C.O.
Mitchell, G.E.
In Vitro Destruction of Vitamin A by Abomasal and Rumen Contents
Progress Report no. 131; 1963, p. 24
630.72 K419p

1306. Little, C.O.
Huber, T.L.
Loper, D.C.
Mitchell, G.E.
Utilization of Purified Soy Protein and Zein by Wethers when Given Orally or into the Abomasum
Progress Report no. 131; 1963, p. 25-27
630.72 K419p

1307. Little, C.O.
McKechnie, D.E.
Hayes, B.W.
Bradley, N.W.
Mitchell, G.E.
Effect of Physical Forms of Corn on Acetate, Propionate and Butyrate Levels in Rumen Contents of Steers
Progress Report no. 131; 1963, p. 27-28
630.72 K419p

1308. Mitchell, G.E.
Little, C.O.
Hayes, B.W.
Influence of Tapazole and Iodinated Casein on Carotene Disappearance from the Ligated Rat Intestine
Progress Report no. 131; 1963, p. 29-30
630.72 K419p

1309. Huber, T.L.
Little, C.O.
Mitchell, G.E.
Influence of Ration on Hydrogen Ion Concentration and Buffering Capacity of Sheep Saliva
Progress Report no. 131; 1963, p. 31-32
630.72 K419p

1310. Ramage, D.R.
Barnhart, C.E.
Chaney, C.H.
Nichols, C.W.
Carlin, T.
Feed Additives for Early Weaned Pigs
Progress Report no. 131; 1963, p. 33
630.72 K419p

1311. Ramage, D.R.
Barnhart, C.E.
Chaney, C.H.
Nichols, C.W.
Carlin, T.
Feed Additives for Growing Pigs
Progress Report no. 131; 1963, p. 34-35
630.72 K419p

1312. Ramage, D.R.
Barnhart, C.E.
Chaney, C.H.
Cathey, T.W.
Comparison of Concrete and Slatted Floors for Growing-Finishing Hogs
Progress Report no. 131; 1963, p. 36
630.72 K419p

1313. Stephens, N.
Barnhart, C.E.
Chaney, C.H.
Feeding High Level Terramycin to Bred Sows
Progress Report no. 131; 1963, p. 37
630.72 K419p

1314. Stephens, N.
Barnhart, C.E.
Chaney, C.H.
Effects of High Levels of Calcium in a Corn-Soybean Ration Upon the Incidence of Parakeratosis in Growing Swine
Progress Report no. 131; 1963, p. 38-39
630.72 K419p

1315. Stephens, N.
Barnhart, C.E.
Chaney, C.H.
Effect of Phytic Acid Upon the Incidence of Parakeratosis in Growing Pigs
Progress Report no. 131; 1963, p. 40
630.72 K419p

1316. Stephens, N.
Barnhart, C.E.
Chaney, C.H.
Effects of Various Additives When Added to a Corn-Soybean Meal Diet Containing 1% Calcium
Progress Report no. 131; 1963, p. 41
630.72 K419p

1317. Barnhart, C.E.
Kemp, J.D.
Chaney, C.H.
Nichols, C.W.
Cathey, T.W.
Hampshire Swine Herd Performance Record Project
Progress Report no. 131; 1963, p. 42-43
630.72 K419p

1318. Kemp, J.D.
Latham, S.D.
Varney, W.Y.
Woolfolk, P. G.
Carcass Evaluation of Lambs from Selected Sires
Progress Report no. 131; 1963, p. 45-46
630.72 K419p

1319. Varney, W.Y.
Kemp, J.D.
Bradley, N.W.
Effect of Sire, Breed and Sex on Carcass Characteristics of Beef Cattle
Progress Report no. 131; 1963, p. 47-48
630.72 K419p

1320. Usborne, W.R.
Kemp, J.D.
Physical Composition of Pork Cuts and Relative Cutout Percentages of Pork Carcasses from Three Different Weight Groups of Hampshire Littermates
Progress Report no. 131; 1963, p. 49-51
630.72 K419p

1321. Kemp, J.D.
Rogers, R.W.
Varney, W.Y.
Quick Aging of Hams
Progress Report no. 131; 1963, p. 52-54
630.72 K419p

1322. Rogers, R.W.
Kemp, J.D.
Varney, W.Y.
Consumer Survey on Cooking Fats in Lexington, Kentucky
Progress Report no. 131; 1963, p. 55-58
630.72 K419p

1323. Ericsson, R.J.
Dutt, R.H.
Sperm Production in Rabbits After Injecting Progesterone or Progestogens
Progress Report no. 131; 1963, p. 59
630.72 K419p

1324. Dutt, R.H.
Woolfolk, P. G.
Lyen, S.L.
Selecting for Earlier Lambing Date in Purebred Southdown Sheep
Progress Report no. 131; 1963, p. 60
630.72 K419p

1325. Dutt, R.H.
Effect of Heat Stress upon Sheep Ova Prior to Ovulation
Progress Report no. 131; 1963, p. 61
630.72 K419p

1326. Dutt, R.H.
Ericsson, R.J.
Summer Semen Characteristics of Yearling Southdown Rams
Progress Report no. 131; 1963, p. 62-63
630.72 K419p

1327. Evans, J.S.
Dutt, R.H.
Induction of Reproductive Activity in Anestrous Ewes by Use of Oral Progestogens and Pregnant Mare Serum
Progress Report no. 131; 1963, p. 64
630.72 K419p

1328. Bradley, N.W.
McKechnie, D.
Overfield, J.R.
Choice Slaughter Beef from Grain and Grass
Progress Report no. 131; 1963, p. 65-68
630.72 K419p

1329. Bradley, N.W.
McKechnie, D.
Tylosin and Stilbestrol for Beef Steers on Pasture with and without Grain
Progress Report no. 131; 1963, p. 69-73
630.72 K419p

1330. Bradley, N.W.
Overfield, J.R.
Mitchell, G.E.
Effects of Vitamin A, Trace Minerals, Alfalfa Meal, Molasses Mixed Supplement and Urea on Feedlot Performance of Beef Steers Being Fed Ground Ear Corn and Distillers Dried Grains with Sollubles (DDG/S)
Progress Report no. 131; 1963, p. 74-78
630.72 K419p

1331. Bradley, N.W.
Overfield, J.R.
Effect of Size and Hardness of Pellets for Wintering Beef Calves on Soybean Hulls
Progress Report no. 131; 1963, p. 79-80
630.72 K419p

1332. Bradley, N.W.
McKechnie, D.
Herd, D.
Tranimal, Vitamin A and Stilbestrol Implants for Steers Being Fattened in Drylot
Progress Report no. 131; 1963, p. 81-83
630.72 K419p

1333. Bradley, N.W.
McKechnie, D.
Varney, W.Y.
Kemp, J.D.
Effect of Stilbestrol Implants on Subsequent Feedlot Performance and Carcass
Progress Report no. 131; 1963, p. 84-85
630.72 K419p

1334. Herd, D.
Bradley, N.W.
McKechnie, D.
Effect of Increased Soybean Meal and Oral Stilbestrol on Steer Performance
Progress Report no. 131; 1963, p. 86-87
630.72 K419p

1335. Herd, D.
Bradley, N.W.
McKechnie, D.
Effects of Free Choice and Force Feeding Minerals
Progress Report no. 131; 1963, p. 89-90
630.72 K419p

1336. McKechnie, D.
Bradley, N.W.
Overfield, J.R.
Effects of a New Tranquilizer on Intransit Shrinkage and Subsequent Gain of Beef Feeder Steers
Progress Report no. 131; 1963, p. 91-98
630.72 K419p

1337. Chaplin, C.E.
Hawkins, O.D.
Strawberry Production at the Eden Shale Farm
Progress Report no. 132; 1963, 5p.
630.72 K419p

1338. Shane, J.F.
Richards, H.R.
Link, L.A.
Results of the Kentucky Grain Sorghum Performance Tests, 1963
Progress Report no. 133; 1964, 10p.
630.72 K419p

1339. Shane, J.F.
Results of the Kentucky Sorgo Performance Test, 1963
Progress Report no. 134; 1964, 3p.
630.72 K419p

1340. Loeffel, F.A.
Thorndale, D.C.
Results of the Kentucky Hybrid Corn Performance Test, 1963
Progress Report no. 135; 1964, 24p.
630.72 K419p

1341. Loeffel, F.A.
Thorndale, D.E.
Results of the Kentucky Hybrid Popcorn Performance Trials, 1963
Progress Report no. 136; 1964, 8p.
630.72 K419p

1342. Sigafus, R.E.
Phillips, S.H.
Results of the Kentucky Soybean Variety Performance Tests at Henderson, 1963 (with Observations on Fungicide, Herbicide, Rate-of-Planting, and Fertilizer Tests)
Progress Report no. 137; 1964, 6p.
630.72 K419p

1343. Kentucky Animal Science Research Reports, 1964
Progress Report no. 138; 1964, 84p.
630.72 K419p

1344. Thompson, J.T.
Bradley, N.W.
Little, C.O.
Volatile Fatty Acid Production and Performance of Steers Fed Different Levels and Physical Forms of Hay and Corn
Progress Report no. 138; 1964, p. 5-7
630.72 K419p

1345. Herd, D.
Bradley, N.W.
McKechnie, D.
Tylosin for Beef Steers on Pasture
Progress Report no. 138; 1964, p. 7-9
630.72 K419p

1346. Knapp, F.W.
Bradley, N.W.
Templeton, W.C.
Effect of Ciodrin-Treated Backrubbers and Rid-Ezy (Ronnel) Fed Free Choice on Fly Control, Grub Control and Rate of Gain
Progress Report no. 138; 1964, p. 10-12
630.72 K419p

1347. Herd, D.
Bradley, N.W.
McKechnie, D.
Overfield, J.R.
Slaughter Beef From Grain and Grass — 1963 Results
Progress Report no. 138; 1964, p. 13-16
630.72 K419p

1348. Templeton, W.C.
Buck, C.F.
Bradley, N.W.
McKechnie, D.
Evaluating Forage Crops for Beef Production
Progress Report no. 138; 1964, p. 17-19
630.72 K419p

1349. Mahin, H.W.
Bradley, N.W.
Templeton, W.C.
Utilization by Beef Steers of Pelleted or Chopped Dehydrated Sudax Harvested at Two Stages of Maturity
Progress Report no. 138; 1964, p. 20-23
630.72 K419p

1350. Bradley, N.W.
Overfield, J.R.
Pinney, D.O.
Comparison of Corn Silage-Soybean Meal and Corn Cob-Corn-Soybean Meal Rations for Wintering Steer Calves
Progress Report no. 138; 1964, p. 24-25
630.72 K419p

1351. Bradley, N.W.
Jones, B.M.
Overfield, J.R.
Mitchell, G.E.
Supplementation of Ground Ear Corn for Fattening Beef Steers in Drylot
Progress Report no. 138; 1964, p. 25-28
630.72 K419p

1352. McKechnie, D.
Bradley, N.W.
Overfield, J.R.
Feedlot Adaptation and Gains of Feeder Steers Treated with Tranimal, Vitamin A and Sulfadimethoxine
Progress Report no. 138; 1964, p. 29-30
630.72 K419p

1353. Bradley, N.W.
Jones, B.M.
Steele, D.G.
Garrigus, W.P.
Kemp, J.D.
Measurement and Selection of Economically Important Traits in Beef Cattle
Progress Report no. 138; 1964, p. 33-34
630.72 K419p

1354. Little, C.O.
Mitchell, G.E.
McAtee, J.W.
Utilization of Casein and Gelatin by Wethers When Given Orally or into the Abomasum
Progress Report no. 138; 1964, p. 35-36
630.72 K419p

1355. Loper, D.C.
Little, C.O.
Mitchell, G.E.
In Vitro Technique for Measuring Starch Digestion by Rumen Microorganisms
Progress Report no. 138; 1964, p. 36
630.72 K419p

1356. Klatte, F.J.
Mitchell, G.E.
Little, C.O.
Apparent Pre-Intestinal Destruction of Vitamin A from Different Sources
Progress Report no. 138; 1964, p. 37-38
630.72 K419p

1357. Mitchell, G.E.
Little, C.O.
Bradley, N.W.
Buck, C.F.
Varney, W.Y.
Vitamin A Supplementation of Steers on Pasture
Progress Report no. 138; 1964, p. 38-40
630.72 K419p

1358. Hayes, B.W.
Mitchell, G.E.
Little, C.O.
Bradley, N.W.
Concentrations of Thiamine, Riboflavin and Biotin in Ruminal Fluid of Steers Fed Different Levels and Forms of Hay and Grain
Progress Report no. 138; 1964, p. 41-42
630.72 K419p

1359. Little, C.O.
McKechnie, D.E.
Mitchell, G.E.
Bradley, N.W.
Butyrate Uptake in Vitro by Epithelial Tissue from the Rumen of Steers Fed Different Levels and Forms of Hay and Grain
Progress Report no. 138; 1964, p. 42-43
630.72 K419p

1360. Little, C.O.
Mitchell, G.E.
Plasma Levels of Acetate and Propionate in Sheep Following Ruminal or Abomasal Administration
Progress Report no. 138; 1964, p. 44-45
630.72 K419p

1361. Woolfolk, P. G.
Reese, C.M.
Turner, D.
Creep Rations for Lambs Suckling Ewes Fed Corn or Alfalfa Silage
Progress Report no. 138; 1964, p. 46
630.72 K419p

1362. Woolfolk, P. G.
Reese, C.M.
Turner, D.
Performance of Ewes on Corn and Alfalfa Silages and Two Levels of Grain Feeding
Progress Report no. 138; 1964, p. 47-48
630.72 K419p

1363. Woolfolk, P. G.
Overfield, J.R.
Lowry, S.J.
Early Weaning of Spring Lambs
Progress Report no. 138; 1964, p. 48-49
630.72 K419p

1364. Woolfolk, P. G.
Natasasmita, A.
Holbert, E.G.
Hawkins, O.D.
Southdown, Hampshire and Southdown-Hampshire Crossbred Rams as Sires of Spring Lambs
Progress Report no. 138; 1964, p. 50-51
630.72 K419p

1365. Woolfolk, P. G.
Dalton, J.E.
Western Crossbred Ewes Mated to Slow, Medium and Rapid Gaining Hampshire Rams
Progress Report no. 138; 1964, p. 51
630.72 K419p

1366. Ericsson, R.J.
Dutt, R.H.
Progesterone and 6-Methyl-17-Acetoxyprogesterone as Inhibitors of Spermatogenesis in Rams
Progress Report no. 138; 1964, p. 52
630.72 K419p

1367. Dutt, R.H.
Falcon, C.J.
Development of the Reproductive Organs and Growth Rate of Ram Lambs Injected with Progestogens
Progress Report no. 138; 1964, p. 53
630.72 K419p

1368. Dutt, R.H.
Effects of Short Periods of Heat Stress Upon Fertility and Early Embryo Survival in Ewes
Progress Report no. 138; 1964, p. 54
630.72 K419p

1369. Dutt, R.H.
Woolfolk, P. G.
Lyen, S.L.
Selecting for Earlier Lambing Date in Purebred Southdown Sheep
Progress Report no. 138; 1964, p. 55-56
630.72 K419p

1370. Dutt, R.H.
Falcon, C.J.
Semen Characteristics of Yearling Southdown Rams
Progress Report no. 138; 1964, p. 56-57
630.72 K419p

1371. Kemp, J.D.
Rogers, R.W.
Partial Pumping of Hams
Progress Report no. 138; 1964, p. 58
630.72 K419p

1372. Moody, W.G.
Varney, W.Y.
Kemp, J.D.
Comparison and Relationship of Beef Carcass Characteristics
Progress Report no. 138; 1964, p. 59-60
630.72 K419p

1373. Rogers, R.W.
Kemp, J.D.
Effects of Pancreatic Lipase and Papain on Palatability, Tenderness and Rancidity Development of Quick-Aged Country-Style Hams
Progress Report no. 138; 1964, p. 61-64
630.72 K419p

1374. Usborne, W.R.
Kemp, J.D.
Moody, W.G.
Physical Composition of Pork Cuts and Relative Cutout Percentages of Pork Carcasses From Three Different Weight Groups of Hampshire Barrow and Gilt Littermates
Progress Report no. 138; 1964, p. 64-68
630.72 K419p

1375. Latham, S.D.
Moody, W.G.
Kemp, J.D.
Varney, W.Y.
Carcass Evaluation of Lambs from Selected Sires
Progress Report no. 138; 1964, p. 69-70
630.72 K419p

1376. Selke, M.R.
Barnhart, C.E.
Chaney, C.H.
Study of the Vitamin A Requirement of the Gestating and Lactating Sow
Progress Report no. 138; 1964, p. 71-73
630.72 K419p

1377. Ramage, D.R.
Barnhart, C.E.
Chaney, C.H.
Calcium Requirement of the Gestating Gilt
Progress Report no. 138; 1964, p. 74-77
630.72 K419p

1378. Stephens, N.
Barnhart, C.E.
Chaney, C.H.
Effects of Various Chelates and Protein Sources on the Incidence of Parakeratosis
Progress Report no. 138; 1964, p. 78-79
630.72 K419p

1379. Wood, R.D.
Chaney, C.H.
Barnhart, C.E.
McKechnie, R.
Nickols, C.W.
Overfield, J.R.
Comparison of the Response of SPF and Non-SPF Pigs to Antibiotics and Sulfonamides
Progress Report no. 138; 1964, p. 80-83
630.72 K419p

1380. Chaney, C.H.
Barnhart, C.E.
Effect of Maltol on Creep Ration Utilization by Early Weaned Pigs
Progress Report no. 138; 1964, p. 83-84
630.72 K419p

1381. Cook, D.
Late Spring and Early Fall Freezes in Kentucky
Progress Report no. 139; 1964, 31p.
630.72 K419p

1382. Tichenor, D.A
Martin, D.C.
Wells, C.E.
Knavel, D.E.
Quality Evaluation of Frozen Vegetables 1. Bush Green Beans
Progress Report no. 140; 1964, 18p.
630.72 K419p

1383. Young, H.C.
Roberts, J.B.
Wightman, M.R.
Homemakers' Responses to Mailed Cottage Cheese Recipes
Progress Report no. 141; 1964, 20p.
630.72 K419p

1384. Shane, J.F.
Link, L.A.
Results of the Kentucky Grain Sorghum Performance Test, 1964
Progress Report no. 142; 1965, 7p.
630.72 K419p

1385. Loeffel, F.A.
Shane, J.F.
Johnson, E.M.
Reaction of Hybrids and Strains of Corn to Virus Disease in Bracken and Lewis Counties Kentucky, 1964
Progress Report no. 143; 1965, 7p.
630.72 K419p

1386. Redman, J.C.
Conway, E.M.
Markets for Kentucky Lumber
Progress Report no. 144; 1965, 62p.
630.72 K419p

1387. Loeffel, F.A.
Thorndale, D.E.
Shane, J.F.
Results of the Kentucky Hybrid Corn Performance Test, 1964
Progress Report no. 145; 1965, 23p.
630.72 K419p

1388. Shane, J.F.
Sigafus, R.E.
Link, L.A.
Phillips, S.H.
Results of the Kentucky Soybean Variety Performance Tests (with Observations on Herbicide, Rate of Planting, and Fertilizer Tests), 1964
Progress Report no. 146; 1965, 10p.
630.72 K419p

1389. Abernathie, J.W.
Buxton, J.W.
Hardy Chrysanthemum Trial Results, 1964
Progress Report no. 147; 1965, 8p.
630.72 K419p

1390. Shane, J.F.
Results of the Kentucky Sorgo Performance Test, 1964
Progress Report no. 148; 1965, 3p.
630.72 K419p

1391. Abernathie, J.W.
Pope, T.E.
Buxton, J.W.
Garden Flower Variety Test in Kentucky, 1964
Progress Report no. 149; 1965, 8p.
630.72 K419p

1392. Kentucky Animal Science Research Reports, 1965
Progress Report no. 150; 1965, 62p.
630.72 K419p

1393. Bradley, N.W.
Overfield, J.R.
Little, C.O.
Mitchell, G.E.
Source of Nitrogen for Supplementing Ground Ear Corn Rations
Progress Report no. 150; 1965, p. 7-8
630.72 K419p

1394. Thompson, J.T.
Overfield, J.R.
Bradley, N.W.
Little, C.O.
Supplementation of Corn-Corn Silage Rations for Feedlot Cattle
Progress Report no. 150; 1965, p. 8-9
630.72 K419p

1395. Herd, D.B.
Bradley, N.W.
McKechnie, D.E.
Mitchell, G.E.
Tylosin for Beef Steers on Pasture
Progress Report no. 150; 1965, p. 9-12
630.72 K419p

1396. Bradley, N.W.
Overfield, J.R.
Kemp, J.D.
Thompson, J.T.
Measurement and Selection of Economically Important Traits in Beef Cattle, 1964
Progress Report no. 150; 1965, p. 12-14
630.72 K419p

1397. Hayes, B.W.
Mitchell, G.E.
Little, C.O.
Bradley, N.W.
Concentrations of Panthothenic Acid, Niacin, Folic Acid and Vitamin B_{12} in Ruminal Fluid of Steers Fed Different Levels and Forms of Hay and Grain
Progress Report no. 150; 1965, p. 15-16
630.72 K419p

1398. Hayes, B.W.
Mitchell, G.E.
Little, C.O.
Potter, G.D.
Acord, C.R.
B-Vitamin Synthesis in Vitro: Effect of Source Rumen Microorganisms and Substrate
Progress Report no. 150; 1965, p. 16-18
630.72 K419p

1399. Little, C.O.
Mitchell, G.E.
McAtee, J.W.
Utilization of Glucose and Starch by Wethers when Given Orally or into the Abomasum
Progress Report no. 150; 1965, p. 18-19
630.72 K419p

1400. Karr, M.R.
Little, C.O.
Mitchell, G.E.
Starch Digestion in Steers as Influenced by Dietary Level
Progress Report no. 150; 1965, p. 20-21
630.72 K419p

1401. Acord, C.R.
Mitchell, G.E.
Little, C.O.
Karr, M.R.
Non-Protein Nitrogen Sources for In Vitro Starch Digestion by Rumen Microorganisms
Progress Report no. 150; 1965, p. 22-23
630.72 K419p

1402. Ely, D.G.
Little, C.O.
Woolfolk, P. G.
Mitchell, G.E.
Coversion of Zein to Microbial Protein in Lambs Fed Two Cellulose: Starch Ratios
Progress Report no. 150; 1965, p. 23
630.72 K419p

1403. Mitchell, G.E.
Little, C.O.
Hayes, B.W.
Tucker, R.E.
Influence of Dietary Nitrate on Pre-Intenstinal Destruction of Vitamin A By Steers
Progress Report no. 150; 1965, p. 24-25
630.72 K419p

1404. Tucker, R.E.
Mitchell, G.E.
Little, C.O.
Carotenoid Balance of Vitamin A Depleted Sheep
Progress Report no. 150; 1965, p. 25-27
630.72 K419p

1405. Kennedy, L.G.
Mitchell, G.E.
Little, C.O.
Karr, M.R.
Volatile Fatty Acid Concentrations in Ruminal Fluid of Steers Fed Neomycin and Bacitracin
Progress Report no. 150; 1965, p. 27-28
630.72 K419p

1406. Potter, G.D.
Ely, D.G.
Little, C.O.
Mitchell, G.E.
Amino Acid Composition and Biological Value of Ruminal Fluid Proteins from Steers Fed Roughage or Concentrate Rations
Progress Report no. 150; 1965, p. 29-30
630.72 K419p

1407. Menzies, C.S.
Mitchell, G.E.
Little, C.O.
Distribution of Radioactivity in Lambs Receiving C^{14}-Labeled Carotene
Progress Report no. 150; 1965, p. 30-32
630.72 K419p

1408. Laster, D.B.
Reese, C.M.
Woolfolk, P. G.
Three Levels of Protein for Early-Weaned Lambs Sired by Either Hampshire or Southdown Rams
Progress Report no. 150; 1965, p. 33
630.72 K419p

1409. Evans, J.S.
Dutt, R.H.
Effectiveness of Different Oral Progestrogens in Synchronizing Estrus and Ovulation in Ewes
Progress Report no. 150; 1965, p. 34
630.72 K419p

1410. Dutt, R.H.
Effect of Short-Time Exposure to Continuous Light on Ovulation Rate and Fertility of Ewes
Progress Report no. 150; 1965, p. 35-36
630.72 K419p

1411. Dutt, R.H.
Woolfolk, P. G.
Lyen, S.L.
Selective Breeding for Earlier Lambing in a Purebred Flock of Southdown Sheep
Progress Report no. 150; 1965, p. 36-37
630.72 K419p

1412. Dutt, R.H.
Falcon, C.J.
Semen Traits of Yearling Southdown Rams During July
Progress Report no. 150; 1965, p. 37-38
630.72 K419p

1413. Toelihere, M.
Falcon, C.F.
Dutt, R.H.
Maintenance of Induced Corpora Lutea in Anestrous Ewes by Hysterectomy
Progress Report no. 150; 1965, p. 39-40
630.72 K419p

1414. Latham, S.D.
Moody, W.G.
Kemp, J.D.
Relationship of Retail Yield and Edible Portion to Meatiness Characteristics of Kentucky Spring Lambs
Progress Report no. 150; 1965, p. 41-43
630.72 K419p

1415. Jacobs, J.A.
Kemp, J.D.
Moody, W.G.
Effects of Muscle Quality on Quick-Aged, Dry-Cured Hams
Progress Report no. 150; 1965, p. 43-45
630.72 K419p

1416. Jacobs, J.A.
Kemp, J.D.
Moody, W.G.
Effects of Pancreatic Lipase and Papain on Quick-Aged, Dry-Cured Hams
Progress Report no. 150; 1965, p. 45-47
630.72 K419p

1417. Luckett, R.L.
Kemp, J.D.
Moody, W.G.
Partial Pumping of Hams
Progress Report no. 150; 1965, p. 47-49
630.72 K419p

1418. Moody, W.G.
Jacobs, J.A.
Kemp, J.D.
Effects of Texture and Color of Muscle on Beef Rib Desirability
Progress Report no. 150; 1965, p. 49-51
630.72 K419p

1419. Usborne, W.R.
Kemp, J.D.
Moody, W.G.
Quality Comparison and Chemical Composition of the Loin Eye from Three Different Weight Groups of Hampshire Barrow and Gilt Littermates
Progress Report no. 150; 1965, p. 52-54
630.72 K419p

1420. Erickson, L.E.
Chaney, C.H.
Barnhart, C.E.
Effect of Sulfonamide Supplementation of Feed on the Performance of Pigs
Progress Report no. 150; 1965, p. 55-57
630.72 K419p

1421. Chaney, C.H.
Waddill, D.G.
Overfield, J.R.
Barnhart, C.E.
Protein Supplements for Growing-Finishing Pigs on Concrete
Progress Report no. 150; 1965, p. 57
630.72 K419p

1422. Waddill, D.G.
Chaney, C.H.
Cathey, T.
McKechnie, B.
Progress Report on Artificial Insemination of Swine
Progress Report no. 150; 1965, p. 58-59
630.72 K419p

1423. Brinkley, W.R.
Chaney, C.H.
Nichols, C.W.
McKechnie, R.
Use of Corn Silage and Rye Pasture for Bred Sows
Progress Report no. 150; 1965, p. 59-60
630.72 K419p

1424. Chaney, C.H.
Waddill, D.G.
Barnhart, C.E.
Antibiotics for Early Weaned Pigs
Progress Report no. 150; 1965, p. 61-62
630.72 K419p

1425. Knavel, D.E.
Performance of Vegetable Varieties in Kentucky 1962-1963-1964
Progress Report no. 151; 1965, 29p.
630.72 K419p

1426. Begin, J.J.
Dalton, J.E.
Insko, W.M.
Laying Performance of Pullets Housed on the Floor and in Cages
Progress Report no. 152; 1965, 5p.
630.72 K419p

1427. Knavel, D.E.
Mohr, H.C.
Influence of Plastic Mulches and Fertilizer Rates on the Performance of Sweet Potatoe Varieties in Kentucky
Progress Report no. 153; 1965, 6p.
630.72 K419p

1428. Clark, C.M.
White, G.M.
Recommendations for Grading Tobacco under Fluorescent Light Source
Progress Report no. 154; 1965, 20p.
630.72 K419p

1429. Martin, D.C.
Tichenor, D.A.
Knavel, D.E.
Quality Evaluation of Frozen Vegetables 2. Sweet Corn
Progress Report no. 155; 1965, 15p.
630.72 K419p

1430. Roberts, J.B.
Kentucky Dairy Industry Facts
Progress Report no. 156; 1965, 31p.
630.72 K419p

1431. Elam, A.B.
Taylor, T.H.
Long-Time Precipitation Patterns: A Guide for Outdoor Planning. 1. Vicinity of Hopkinsville, Kentucky
Progress Report no. 157; 1966, 5p.
630.72 K419p

1432. Tutt, C.R.
Loeffel, F.A.
Thorndale, D.E.
Results of the Kentucky Hybrid Corn Performance Test, 1965
Progress Report no. 158; 1966, 24p.
630.72 K419p

1433. Shane, J.F.
Link, L.A.
Phillips, S.H.
Herron, J.W.
Tutt, C.R.
Results of the Kentucky Soybean Performance Tests, 1965
Progress Report no. 159; 1966, 11p.
630.72 K419p

1434. Loeffel, F.A.
Johnson, E.M.
Investigations of Plant Reaction to the Maize Dwarf Mosaic Virus
Progress Report no. 160; 1966, 19p.
630.72 K419p

1435. Buxton, J.W.
Pope, T.E.
1965 Garden Flower Variety Trials in Kentucky
Progress Report no. 161; 1966, 8p.
630.72 K419p

1436. Shane, J.F.
Results of the Kentucky Sorgo Performance Test, 1965
Progress Report no. 162; 1966, 4p.
630.72 K419p

1437. Buxton, J.W.
Pope, T.E.
Kentucky Hardy Chrysanthemum Variety Trials, 1965
Progress Report no. 163; 1966, 12p.
630.72 K419p

1438. Kentucky Animal Science Research Reports, 1966
Progress Report no. 164; 1966, 88p.
630.72 K419p

1439. Herd, D.B.
Bardley, N.W.
McKechnie, D.E.
Lovell, D.R.
Tylosin for Beef Steers on Pasture with Observations on the Physical Decay and Release Rate of Tylosin Boluses
Progress Report no. 164; 1966, p. 5-9
630.72 K419p

1440. Herd, D.B.
Bradley, N.W.
McKechnie, D.E.
Two Levels of Corn and Corn Silage with and without Tylosin for Producing Choice Beef
Progress Report no. 164; 1966, p. 10-12
630.72 K419p

1441. Thompson, J.T.
Bradley, N.W.
Little, C.O.
Utilization of Urea and Fat by Steers Fed Meal and Pelleted Rations
Progress Report no. 164; 1966, p. 13-16
630.72 K419p

1442. Bradley, N.W.
Overfield, J.R.
Little, C.O.
Source of Nitrogen for Supplementing Ground Ear Corn Rations, 1965
Progress Report no. 164; 1966, p. 16-18
630.72 K419p

1443. Young, A.W.
Cundiff, L.V.
Bradley, N.W.
Controlled Estrus in Feedlot Heifers
Progress Report no. 164; 1966, p. 18-20
630.72 K419p

1444. Little, J.E.
Cundiff, L.V.
Moody, W.G.
Bradley, N.W.
Kemp, J.D.
Effect of Length of Feeding Period on Feedlot Efficiency and Carcass Grade and Composition of Steers
Progress Report no. 164; 1966, p. 21-24
630.72 K419p

1445. Crawford, B.H.
Cundiff, L.V.
Bradley, N.W.
Relationships Among Economically Important Traits in Bulls Tested in the University of Kentucky Performance Testing Program
Progress Report no. 164; 1966, p. 24-26
630.72 K419p

1446. Cundiff, L.V.
Bradley, N.W.
Overfield, J.R.
Kemp, J.D.
Young, A.W.
Measurement and Selection of Economically Important Traits in Beef Cattle, 1965
Progress Report no. 164; 1966, p. 26-29
630.72 K419p

1447. Templeton, W.C.
Buck, C.F.
Bradley, N.W.
Menzies, J.L.
Laster, D.B.
Evaluating Forage Crops for Beef Production
Progress Report no. 164; 1966, p. 30-32
630.72 K419p

1448. Hayes, B.W.
Mitchell, G.E.
Little, C.O.
In Vitro Studies of Factors Affecting B-Vitamin Concentrations in Ruminal Fluid
Progress Report no. 164; 1966, p. 33-35
630.72 K419p

1449. Hayes, B.W.
Sewell, H.B.
Mitchell, G.E.
Little, C.O.
Vitamin A Turnover in Sheep Fed Adequate Vitamin A
Progress Report no. 164; 1966, p. 35-36
630.72 K419p

1450. Mitchell, G.E.
Little, C.O.
Hayes, B.W.
Influence of Dietary Nitrate on Pre-Intestinal Destruction of Vitamin A by Wethers
Progress Report no. 164; 1966, p. 37-38
630.72 K419p

1451. Tucker, R.E.
Mitchell, G.E.
Little, C.O.
Biological Studies of the Yellow Pigments Excreted by Vitamin A Depleted Sheep
Progress Report no. 164; 1966, p. 38-40
630.72 K419p

1452. Webb, K.E.
Mitchell, G.E.
Little, C.O.
Schmitt, G.H.
Influence of Vitamin A Deficiency on Urine Volume of Sheep
Progress Report no. 164; 1966, p. 40-42
630.72 K419p

1453. Mitchell, G.E.
Little, C.O.
Skerski, G.
Influence of Vanadium and DDT on Carotene Disappearance from the Rat Intestine
Progress Report no. 164; 1966, p. 42-43
630.72 K419p

1454. Little, C.O.
Mitchell, G.E.
Abomasal Administration of Corn Oil or Lard to Wethers
Progress Report no. 164; 1966, p. 43-44
630.72 K419p

1455. Ely, D.G.
Little, C.O.
Woolfolk, P. G.
Mitchell, G.E.
Amino Acids in Abomasal Fluid and Plasma of Lambs Fed Zein
Progress Report no. 164; 1966, p. 45-46
630.72 K419p

1456. Acord, C.R.
Mitchell, G.E.
Little, C.O.
Alderson, N.E.
Hayes, B.W.
Amino Acid Combinations for Starch Digestion by Rumen Microorganisms
Progress Report no. 164; 1966, p. 47
630.72 K419p

1457. McAtee, J.W.
Little, C.O.
Mitchell, G.E.
Utilization of Carbohydrates Administered into the Abomasum of Wethers
Progress Report no. 164; 1966. p. 48-49
630.72 K419p

1458. Potter, G.D.
Little, C.O.
Mitchell, G.E.
Factors in Corn Distillers Dried Solubles which Stimulate Cellulose Digestion
Progress Report no. 164; 1966, p. 50-51
630.72 K419p

1459. Kennedy, L.G.
Little, C.O.
Mitchell, G.E.
Stowe, H.D.
Rooney, J.R.
Volatile Fatty Acids and Glucose in Equine Cecal Fluid and Blood
Progress Report no. 164; 1966, p. 51-53
630.72 K419p

1460. Karr, M.R.
Little, C.O.
Mitchell, G.E.
Glimp, H.A.
Woolfolk, P. G.
Physiological Changes in Lambs Receiving High Levels of Antibiotics
Progress Report no. 164; 1966, p. 53-56
630.72 K419p

1461. Clary, J.J.
Mitchell, G.E.
Little, C.O.
Bardley, N.W.
Hayes, W.B.
Amylase Activity of Pancreas from Steers Fed Different Rations
Progress Report no. 164; 1966, p. 56-57
630.72 K419p

1462. Hudson, L.W.
Glimp, H.A.
Kemp, J.D.
Woolfolk, P. G.
Effect of Induced Cryptorchidism at Different Weights on Performance and Carcass Traits of Lambs
Progress Report no. 164; 1966, p. 58-59
630.72 K419p

1463. Falcon, C.J.
Dutt, R.H.
Influence of the Uterus on Occurrence of Estrus in Ewes
Progress Report no. 164; 1966, p. 60-61
630.72 K419p

1464. Falcon, C.J.
Dutt, R.H.
Effects of Injected Progestrogens on Estrous Behavior in the Ewe
Progress Report no. 164; 1966, p. 61-62
630.72 K419p

1465. Dame, P. R.
Falcon, C.J.
Dutt, R.H.
Woolfolk, P. G.
Semen Evaluation Tests and Lambing Performance of Ewes
Progress Report no. 164; 1966, p. 62-63
630.72 K419p

1466. Dutt, R.H.
Falcon, C.J.
Reproductive Response in Ewes After Short-Time Exposure to Continuous Light
Progress Report no. 164; 1966, p. 63-64
630.72 K419p

1467. Dutt, R.H.
Falcon, C.J.
Development of the Reproductive Organs and Gain in Ram Lambs after Scrotal Ablation or Injection with a Progestogen
Progress Report no. 164; 1966, p. 64-65
630.72 K419p

1468. Smith, R.H.
Kemp, J.D.
Moody, W.G.
Carcass Evaluation of Lambs from Selected Sires
Progress Report no. 164; 1966, p. 66-68
630.72 K419p

1469. Usborne, W.R.
Moody, W.G.
Kemp, J.D.
Relative Cutout Percents, Tenderness, and Organoleptic Characteristics of Pork Carcasses from Five Different Weight Groups of Hampshire Barrow Littermates
Progress Report no. 164; 1966, p. 69-70
630.72 K419p

1470. Kemp, J.D.
Moody, W.G.
Effect of Fresh Muscle Quality on Aged Ham Characteristics
Progress Report no. 164; 1966, p. 70-72
630.72 K419p

1471. Kemp, J.D.
Moody, W.G.
Effects of Papain and Lipase on the Characteristics of Aged Hams
Progress Report no. 164; 1966, p. 73-76
630.72 K419p

1472. Kemp, J.D.
Moody, W.G.
Effects of Alternating Aging Temperatures on Characteristics of Aged Hams
Progress Report no. 164; 1966, p. 76-77
630.72 K419p

1473. Gammon, D.L.
Kemp, J.D.
Edney, J.M.
Moody, W.G.
Effects of Curing and Aging on *Trichinella spiralis*
Progress Report no. 164; 1966, p. 77-78
630.72 K419p

1474. Waddill, D.G.
Chaney, C.H.
Overfield, J.R.
Simple Versus Complex Starter Rations for Early Weaned Pigs
Progress Report no. 164; 1966, p. 79-81
630.72 K419p

1475. Chaney, C.H.
Waddill, D.G.
Overfield, J.R.
Effect of Phosphorus Levels on Performance of Barrows and Gilts
Progress Report no. 164; 1966, p. 82
630.72 K419p

1476. Chaney, C.H.
Waddill, D.G.
Overfield, J.R.
Protein Supplements for Growing-Finishing Pigs Fed on Concrete
Progress Report no. 164; 1966, p. 82-83
630.72 K419p

1477. Chaney, C.H.
Waddill, D.G.
Feed Additives for Swine
Progress Report no. 164; 1966, p. 83-84
630.72 K419p

1478. McMurray, K.E.
Chaney, C.H.
Waddill, D.G.
Nichols, C.W.
Corn Silage, Alfalfa Silage and Rye Pasture for Bred Sows
Progress Report no. 164; 1966, p. 84-85
630.72 K419p

1479. Garrison, G.W.
Wood, R.D.
Chaney, C.H.
Waddill, D.G.
Effect of Nitrate and Nitrites in Drinking Water on the Utilization of Carotene in Swine
Progress Report no. 164; 1966, p. 85-87
630.72 K419p

1480. Waddill, D.G.
Chaney, C.H.
Dutt, R.H.
Ovulation Rate in Gilts Maintained Under Constant Light
Progress Report no. 164; 1966, p. 87-88
630.72 K419p

1481. Overall, I.
Thompson, J.F.
Changing Burley Tobacco Allotments and Optimum Resource Use on Kentucky Inner Bluegrass Farms
Progress Report no. 165; 1966, 24p.
630.72 K419p

1482. Tutt, C.R.
Loeffel, F.A.
Results of the Kentucky Hybrid Corn Performance Test, 1966
Progress Report no. 166; 1967, 24p.
630.72 K419p

1483. Shane, J.F.
Tutt, C.R.
Phillips, S.H.
Herron, J.W.
Results of the Kentucky Soybean Performance Tests, 1966
Progress Report no. 167; 1967, 15p.
630.72 K419p

1484. Shane, J.F.
Results of the Kentucky Sorgo Performance Test, 1966
Progress Report no. 168; 1967, 4p.
630.72 K419p

1485. Buxton, J.W.
Pope, T.E.
1966 Garden Flower Variety Trials in Kentucky
Progress Report no. 169; 1967, 15p.
630.72 K419p

1486. Kentucky Animal Sciences Research Reports, 1967
Progress Report no. 170; 1967, 110p.
630.72 K419p

1487. Potter, G.D.
Little, C.O.
Mitchell, G.E.
Abomasal Nitrogen in Steers Fed Soybean Meal or Urea
Progress Report no. 170; 1967, p. 5-6
630.72 K419p

1488. Little, C.O.
Bradley, N.W.
Mitchell, G.E.
Plasma Amino Acids in Steers Fed Urea Supplements
Progress Report no. 170; 1967, p. 6-8
630.72 K419p

1489. Brown, G.H.
Overfield, J.R.
Bradley, N.W.
Little, C.O.
Source of Nitrogen for Supplementing Ground Ear Corn Rations for Feedlot Cattle, 1966
Progress Report no. 170; 1967, p. 8-10
630.72 K419p

1490. Hayes, B.W.
Mitchell, G.E.
Little, C.O.
Vitamin A Turnover in Steers Fed Adequate Vitamin A
Progress Report no. 170; 1967, p. 11-12
630.72 K419p

1491. Hayes, B.W.
Mitchell, G.E.
Little, C.O.
Influence of Low Dietary Protein on Vitamen A Turnover in Steers
Progress Report no. 170; 1967, p. 12-14
630.72 K419p

1492. Warner, R.L.
Alderson, N.E.
Mitchell, G.E.
Little, C.O.
Effect of Vitamin E on Pre-Intestinal Disappearance of Vitamin A
Progress Report no. 170; 1967, p. 14-15
630.72 K419p

1493. Laster, D.B.
Bradley, N.W.
Effects of Thiabenzole, Injectable Vitamin A and Level of Diethylstilbestrol Implant on Steer Performance
Progress Report no. 170; 1967, p. 15-16
630.72 K419p

1494. Templeton, W.C.
Buck, C.F.
Bradley, N.W.
Menees, J.L.
Laster, D.B.
Evaluating Forage Crops for Beef Production
Progress Report no. 170; 1967, p. 16-19
630.72 K419p

1495. Mitchell, G.E.
Little, C.O.
Karr, M.R.
Hayes, B.W.
Pre-Abomasal and Post-Abomasal Cellulose Digestion in Steers
Progress Report no. 170; 1967, p. 20-21
630.72 K419p

1496. Little, C.O.
Mitchell, G.E.
Reitnour, C.M.
Digestion of Starch Infused into the Abomasum of Steers
Progress Report no. 170; 1967, p. 21-23
630.72 K419p

1497. McAtee, J.W.
Little, C.O.
Mitchell, G.E.
Digestion of Purified Corn Starch in Wethers
Progress Report no. 170; 1967, p. 23-24
630.72 K419p

1498. Clary, J.J.
Mitchell, G.E.
Little, C.O.
Action of Cattle, Sheep and Swine Amylases on Various Starches
Progress Report no. 170; 1967, p. 24-26
630.72 K419p

1499. Tucker, R.E.
Little, C.O.
Mitchell, G.E.
Digestion of Starch in Wethers as Influenced by Dietary Level of Grain
Progress Report no. 170; 1967, p. 26-27
630.72 K419p

1500. Clary, J.J.
Mitchell, G.E.
Little, C.O.
Pancreatic Amylase Secretion by Sheep Fed Different Levels of Grain
Progress Report no. 170; 1967, p. 27-28
630.72 K419p

1501. Kennedy, L.G.
Mitchell, G.E.
Little, C.O.
Response of In Vitro Starch Digestion by Rumen Microorganisms to Different Levels and Sources of Sulfur
Progress Report no. 170; 1967, p. 28-29
630.72 K419p

1502. McAtee, J.W.
Little, C.O.
Mitchell, G.E.
Volatile Fatty Acid Utilization Studies with Rats
Progress Report no. 170; 1967, p. 29-30
630.72 K419p

1503. Webb, K.E.
Mitchell, G.E.
Little, C.O.
Schmitt, G.H.
Plasma and Urine Changes in Vitamin A-Deficient Sheep
Progress Report no. 170; 1967, p. 30-32
630.72 K419p

1504. Glimp, H.A.
Karr, M.R.
Woolfolk, P. G.
Hudson, L.W.
Effect of Reducing Soybean Protein Solubility by Dry Heat on the Protein Utilization of Young Lambs
Progress Report no. 170; 1967, p. 33-35
630.72 K419p

1505. Hudson, L.W.
Glimp, H.A.
Woolfolk, P. G.
Little, C.O.
Effect of Protein Level and Solubility on Young Lamb Performance
Progress Report no. 170; 1967, p. 35-37
630.72 K419p

1506. Carr, S.B.
Jacobson, D.R.
Technique Employing the Doppler Shift for Measuring Portal Blood Flow and Portal-Carotid Differences for Absorption from the Gastrointestinal Tract
Progress Report no. 170; 1967, p. 37-38
630.72 K419p

1507. Seath, D.M.
Templeton, W.C.
Caldwell, L.M.
Cooper, T.
How Rate of Stocking and Rate of Grain Feeding Affected Grazing Results on Two Kinds of Pasture
Progress Report no. 170; 1967, p. 39
630.72 K419p

1508. Jacobson, D.R.
Barnett, J.W.
Voluntary Feed Intake, Milk Production, Rumen Content and Plasma Free Amino Acid Levels of Lactating Cows on Low Sulfur and Sulfur Supplemented Diets
Progress Report no. 170; 1967, p. 39-41
630.72 K419p

1509. Jacobson, D.R.
Carr, S.B.
Hatton, R.H.
Progress on Assay for Fescue Toxicity
Progress Report no. 170; 1967, p. 41-42
630.72 K419p

1510. Hutagalung, R.I.
Chaney, C.H.
Waddill, D.G.
Effects of Nitrate and Nitrites in Feed on the Utilization of Carotene in Swine
Progress Report no. 170; 1967, p. 42-44
630.72 K419p

1511. Wood, R.D.
Chaney, C.H.
Waddill, D.G.
Effects of Protein Level and Source on the Serum Protein Profile of Sows and their Pigs
Progress Report no. 170; 1967, p. 45-47
630.72 K419p

1512. Megibben, R.W.
Chaney, C.H.
Waddill, D.G.
Factors Affecting Serum Cholesterol Levels in Swine
Progress Report no. 170; 1967, p. 47-49
630.72 K419p

1513. McMurry, G.
Chaney, C.H.
Nichols, C.W.
Corn Silage for Bred Sows
Progress Report no. 170; 1967. p. 49-50
630.72 K419p

1514. Kline, R.D.
Chaney, C.H.
Kemp, J.D.
Influence of Protein Level, Sex and Sire on Performance and Carcass Characteristics of Swine
Progress Report no. 170; 1967, p. 51-52
630.72 K419p

1515. Brown, H.W.
Chaney, C.H.
Effects of Protein and Iron Sources on Certain Blood Constituents of Swine
Progress Report no. 170; 1967, p. 53-54
630.72 K419p

1516. Kline, R.D.
Chaney, C.H.
Waddill, D.G.
Effect of Implanting Stilbestrol in Pigs Castrated at Birth on Carcass Characteristics and Performance
Progress Report no. 170; 1967, p. 55-56
630.72 K419p

1517. Falcon, C.J.
Dutt, R.H.
Metabolism of Labelled Estradiol in Intact, Ovariectomized, and Hysterectomized Ewes
Progress Report no. 170; 1967, p. 57-58
630.72 K419p

1518. Bradley, C.R.
Dutt, R.H.
Comparison of Hemocytometer and Coulter Counter for Counting Ram Sperm Cells
Progress Report no. 170; 1967, p. 58-59
630.72 K419p

1519. Falcon, C.J.
Dutt, R.H.
Effects of Hysterectomy in the Anestrous and Prepuberal Ewe
Progress Report no. 170; 1967, p. 59-61
630.72 K419p

1520. Dame, P. R.
Dutt, R.H.
Amino Acid Content of Pituitary Glands from Ewes Exposed to Different Photoperiods
Progress Report no. 170; 1967, p. 61-62
630.72 K419p

1521. Dutt, R.H.
Falcon, C.J.
Dame, P. R.
Influence of Short-Term Exposure to Continuous or Restricted Light on Ovulation, Fertility and Embryo Survival Rates in Ewes
Progress Report no. 170; 1967, p. 62-64
630.72 K419p

1522. Swanson, P. L.
Dutt, R.H.
Effects of Injected Progestogens on the Sexual and Carcass Characteristics of Boars
Progress Report no. 170; 1967, p. 64-66
630.72 K419p

1523. Bradley, N.W.
Cundiff, L.V.
Kemp, J.D.
Overfield, J.R.
Young, A.W.
Measurement and Selection of Economically Important Traits in Beef Cattle, 1966
Progress Report no. 170; 1967, p. 66-69
630.72 K419p

1524. Glimp, H.A.
Deweese, W.P.
Dutt, R.H.
Effects of Date of Breeding and an Orally Administered Synthetic Progestogen on Breeding and Lambing Performance of Crossbred Ewes
Progress Report no. 170; 1967, p. 70-71
630.72 K419p

1525. Ruegg, S.E.
Glimp, H.A.
Dutt, R.H.
Woolfolk, P. G.
Estimates of the Repeatability of Date of Lambing
Progress Report no. 170; 1967, p. 72-74
630.72 K419p

1526. Hudson, L.W.
Glimp, H.A.
Woolfolk, P. G.
Deweese, W.P.
Kemp, J.D.
Effect on Induced Cryptorchidism at Different Weights on Performance and Carcass Traits of Lambs
Progress Report no. 170; 1967, p. 74-75
630.72 K419p

1527. Cooper, T.
Olds, D.
Deaton, O.W.
Causes of Variation in Calving Intervals of Dairy Cattle
Progress Report no. 170; 1967, p. 76
630.72 K419p

1528. Olds, D.
Graden, A.P.
Mochow, C.R.
Mutter, L.R.
Observations on the Size of Bovine Ova
Progress Report no. 170; 1967, p. 76-77
630.72 K419p

1529. Graden, A.P.
Olds, D.
Mochow, C.R.
Mutter, L.R.
Causes of Fertilization Failure in Repeat Breeding Cattle
Progress Report no. 170; 1967, p. 77-78
630.72 K419p

1530. MacLaury, D.W.
Johnson, T.H.
Selection for Oxygen Requirements in Chickens
Progress Report no. 170; 1967, p. 78
630.72 K419p

1531. MacLaury, D.W.
Johnson, T.H.
Hypoxia in Chick Embryos
Progress Report no. 170; 1967, p. 79
630.72 K419p

1532. Kemp, J.D.
Gammon, D.L.
Moody, W.G.
Effect of Fresh Ham Quality on Aged Ham Quality
Progress Report no. 170; 1967, p. 80-81
630.72 K419p

1533. Kemp, J.D.
Smith, R.H.
Moody, W.G.
Quality of Aged Hams as Affected by Alternating Aging Temperature
Progress Report no. 170; 1967, p. 81-83
630.72 K419p

1534. Gammon, D.L.
Kemp, J.D.
Edney, J.M.
Effects of Salt, Moisture and Aging Time on the Viability of *Trichinella spiralis* in Dry-Cured Hams
Progress Report no. 170; 1967, p. 84-87
630.72 K419p

1535. Usborne, W.R.
Kemp, J.D.
Moody, W.G.
Relation of Certain Protein Components and Free Amino Acids to Quality of Porcine Muscle from Five Different Weights of Hogs
Progress Report no. 170; 1967, p. 87-88
630.72 K419p

1536. Langlois, B.E.
Randolph, H.E.
Keeping Quality of Whipping Cream and Half-and-Half Obtained at Retail Outlets
Progress Report no. 170; 1967, p. 89-90
630.72 K419p

1537. Langlois, B.E.
Reductive Dechlorination of DDT by *Escherichia coli*
Progress Report no. 170; 1967, p. 91-92
630.72 K419p

1538. Langlois, B.E.
Randolph, H.E.
Manufacturing Practices for Chocolate-Flavored Milk and Drinks in the United States
Progress Report no. 170; 1967, p. 92-95
630.72 K419p

1539. Randolph, H.E.
Bucy, J.L.
Effect of Filtering and Clarifying Milk on the Catalase and the Wisconsin Mastitis Test Results
Progress Report no. 170; 1967, p. 96
630.72 K419p

1540. Richter, R.L.
Randolph, H.E.
Effect of Chemical Sanitizers on the Wisconsin Mastitis Test
Progress Report no. 170; 1967, p. 97-98
630.72 K419p

1541. Richter, R.L.
Randolph, H.E.
Effect of Storage Time on the Wisconsin Mastitis Test
Progress Report no. 170; 1967, p. 99
630.72 K419p

1542. Richter, R.L.
Randolph, H.E.
Effect of Heat-Shock on the Wisconsin Mastitis Test
Progress Report no. 170; 1967, p. 100-101
630.72 K419p

1543. Bucy, J.L.
Randolph, H.E.
Freeman, T.R.
Factors Which May Influence the Results of the Catalase Test for Abnormal Milk
Progress Report no. 170; 1967, p. 101-103
630.72 K419p

1544. Freeman, T.R.
Bucy, J.L.
Freezing Point of Milk Produced in Kentucky
Progress Report no. 170; 1967, p. 103
630.72 K419p

1545. Freeman, T.R.
Bucy, J.L.
Sour Cream without Bacterial Cultures
Progress Report no. 170; 1967, p. 104
630.72 K419p

1546. Freeman, T.R.
Randolph, H.E.
Quality Control Programs of Milk Marketing Cooperatives in the United States
Progress Report no. 170; 1967, p. 104-105
630.72 K419p

1547. Randolph, H.E.
Rudnick, A.W.
Bevins, C.E.
Factors Relating to the Serving of Ice Cream as Dessert with the Type A School Lunch
Progress Report no. 170; 1967, p. 105-110
630.72 K419p

1548. Smiley, J.H.
Atkinson, W.O.
Wallace, A.M.
Massie, I.E.
Burley Tobacco Variety Management Study on Five Kentucky Farms in 1966
Progress Report no. 171; 1968, 24p.
630.72 K419p

1549. Tutt, C.R.
Chaplin, C.R.
Results of the Kentucky Hybrid Corn Performance Test, 1967
Progress Report no. 172; 1968, 24p.
630.72 K419p

1550. Shane, J.F.
Phillips, S.H.
Herron, J.W.
Tutt, C.R.
Results of the Kentucky Soybean Performance Tests, 1967
Progress Report no. 173; 1968, 18p.
630.72 K419p

1551. Shane, J.F.
Results of the Kentucky Sorgo Performance Test, 1967
Progress Report no. 174; 1968, 4p.
630.72 K419p

1552. Smiley, J.H.
Atkinson, W.O.
Wallace, A.M.
Massie, I.E.
Burley Tobacco Variety Management Study on Seven Kentucky Farms in 1967
Progress Report no. 175; 1969, 39p.
630.72 K419p

1553. Kentucky Animal Science Research Report, 1968
Progress Report no. 176; 1968, 88p.
630.72 K419p

1554. Langlois, B.E.
Rudnick, A.W.
Freeman, T.R.
Keeping Quality of Fluid Dairy Products Obtained at Retail Outlets
Progress Report no. 176; 1968, p. 5-7
630.72 K419p

1555. Freeman, T.R.
Bucy, J.L.
Effect of Sanitizers on the Freezing Point of Milk
Progress Report no. 176; 1968, p. 7-8
630.72 K419p

1556. Hampton, O.
Langlois, B.E.
Rudnick, A.W.
Factors Affecting Consumer Acceptance of Chocolate-Flavored Milk
Progress Report no. 176; 1968, p. 8-9
630.72 K419p

1557. Collins, J.A.
Langlois, B.E.
Effect of DDT, Dieldrin, and Heptachlor on the Growth of Selected Bacteria
Progress Report no. 176; 1968, p. 9-10
630.72 K419p

1558. Collins, J.A.
Langlois, B.E.
Effect of Casein on Dechlorination of DDT and Inhibition of Growth by Heptachlor
Progress Report no. 176; 1968, p. 10
630.72 K419p

1559. Hampton, O.
Langlois, B.E.
Effect of 2,3,5-Triphenyl-Tetrazaloim Chloride (TTC) in Plating Media on the Enumeration of Psychrophiles
Progress Report no. 176; 1968, p. 11
630.72 K419p

1560. Langlois, B.E.
Rudnick, A.W.
Effect of Cocoa Powder on the Growth of Bacteria
Progress Report no. 176; 1968, p. 11-12
630.72 K419p

1561. Kemp, J.D.
Mayer, G.
Effect of *Bacillus subtilis* Protease and Sodium Tripolyphosphate on the Quality of Aged Hams
Progress Report no. 176; 1968, p. 13-14
630.72 K419p

1562. Lambuth, T.R.
Kemp, J.D.
Effects of Aging Temperature on Aged Ham Quality
Progress Report no. 176; 1968, p. 14-15
630.72 K419p

1563. Crouse, J.D.
Kemp, J.D.
Effect of Fresh Ham Quality and Aging Temperature on Quality of Aged Hams
Progress Report no. 176; 1968, p. 15-17
630.72 K419p

1564. Crouse, J.D.
Kemp, J.D.
Edney, J.M.
Effects of Salt, Moisture and Aging Time on the Viability of *Trichinella spiralis* in Dry-Cured Hams
Progress Report no. 176; 1968, p. 18-19
630.72 K419p

1565. Kemp, J.D.
Moody, W.G.
Fox, J.D.
Effect of Fatness and Fresh Pork Quality on Yield and Quality of Ham and Bacon
Progress Report no. 176; 1968. p. 19-22
630.72 K419p

1566. Lambuth, T.R.
Kemp, J.D.
Glimp, H.A.
Carcass Traits of Lambs of Different Gaining Ability and Slaughter Weights
Progress Report no. 176; 1968, p. 22-24
630.72 K419p

1567. Smith, R.H.
Kemp, J.D.
Moody, W.G.
Cundiff, L.V.
Heritability Estimates of Some Lamb Carcass Traits
Progress Report no. 176; 1968, p. 24-25
630.72 K419p

1568. Tichenor, D.
Kemp, J.D.
Moody, W.G.
Effects of Rate of Gain and Weight at Slaughter on Certain Quality Characteristics of Lambs
Progress Report no. 176; 1968, p. 25-27
630.72 K419p

1569. MacLaury, D.W.
Johnson, T.H.
Selection for Oxygen Consumption of Three-Week-Old Chickens
Progress Report no. 176; 1968, p. 28
630.72 K419p

1570. Thrift, F.A.
Bradley, N.W.
Kemp, J.D.
Overfield, J.R.
Measurement and Selection of Economically Important Traits in Beef Cattle
Progress Report no. 176; 1968, p. 28-30
630.72 K419p

1571. Button, F.S.
Olds, D.
Evaluation of Six Chemical Tests for Pregnancy in Cattle
Progress Report no. 176; 1968, p. 30-31
630.72 K419p

1572. Curtsinger, T.A.
Olds, D.
Deaton, O.W.
Survey of Dairy Farmers Concerning Breeding and Management Practices
Progress Report no. 176; 1968, p. 31
630.72 K419p

1573. Bennett, R.C.
Olds, D.
Seath, D.M.
Effect of Irrigation and Nitrogen Fertilization on the Nitrate Content of Sudex Forage
Progress Report no. 176; 1968, p. 32
630.72 K419p

1574. Olds, D.
Deaton, O.W.
Effect of Herd Size on Fertility and Delayed Returns
Progress Report no. 176; 1968, p. 32
630.72 K419p

1575. Bennett, R.C.
Olds, D.
Seath, D.M.
Relationship between Nitrate Content of Forages and Dairy Herd Fertility
Progress Report no. 176; 1968, p. 32-33
630.72 K419p

1576. Mochow, C.R.
Olds, D.
Effect of Pronase on Subsequent Development of Mouse Embryos
Progress Report no. 176; 1968, p. 33
630.72 K419p

1577. Dutt, R.H.
Chaney, C.H.
Feed Intake and Embryo Survival in Gilts
Progress Report no. 176; 1968, p. 33-35
630.72 K419p

1578. Dutt, R.H.
Woolfolk, P. G.
Selective Breeding for Earlier Lambing in Southdown Sheep
Progress Report no. 176; 1968, p. 35-36
630.72 K419p

1579. Dutt, R.H.
Dame, P. R.
Renfro, R.E.
Effect of Unilateral Castration on Body Weight and Accessory Gland Development in Ram Lambs
Progress Report no. 176; 1968, p. 37-38
630.72 K419p

1580. Deweese, W.P.
Glimp, H.A.
Dutt, R.H.
Comparison of MAP and Progestogen Impregnated Vaginal Sponges for Synchronizing Estrus in Ewes
Progress Report no. 176; 1968, p. 39-40
630.72 K419p

1581. Dame, P. R.
Sand, R.S.
Renfro, R.E.
Dutt, R.H.
Pituitary Gonadotropin Levels at Different Stages of the Estrous Cycle of the Ewe
Progress Report no. 176; 1968, p. 40-41
630.72 K419p

1582. Sand, R.S.
Dame, P. R.
Dutt, R.H.
Oxygen Consumption by Sperm Cells from Heat-Stressed Rams
Progress Report no. 176; 1968, p. 41-42
630.72 K419p

1583. Able, B.V.
Dutt, R.H.
Bradley, N.W.
Causes of Infertility in Beef Cows
Progress Report no. 176; 1968, p. 42-43
630.72 K419p

1584. Begin, J.J.
Rehabilitation of Cage Laying Hens
Progress Report no. 176; 1968, p. 44-46
630.72 K419p

1585. Begin, J.J.
Effects of Rearing Methods and Protein Phase Feeding on the Reproductive Performance of Cage Laying Hens
Progress Report no. 176; 1968, p. 46-48
630.72 K419p

1586. Begin, J.J.
Isgrigg, W.N.
Effect of Pantothenic and Acid Level on the Utilization of Energy and Nitrogen by the Chick
Progress Report no. 176; 1968, p. 48-51
630.72 K419p

1587. Begin, J.J.
Effects of Protein Level of the Diet on the Reproductive Performance of Japanese Quail *(Corturnix corturnix japonica)*
Progress Report no. 176; 1968, p. 51-53
630.72 K419p

1588. Reitnour, C.M.
Baker, J.P.
Mitchell, G.E.
Little, C.O.
Apparent Protein Digestion Anterior and Posterior to Equine Cecal Fistulas
Progress Report no. 176; 1968, p. 53-55
630.72 K419p

1589. Crawford, B.H.
Lieb, S.
Baker, J.P.
Mitchell, G.E.
Little, C.O.
Digestion of Energy Sources by Equine Intestinal Microorganisms
Progress Report no. 176; 1968, p. 55-56
630.72 K419p

1590. Hutchinson, B.D.
Reitnour, C.M.
Mitchell, G.E.
Little, C.O.
Baker, J.P.
Volatile Fatty Acids in Equine Cecal Fluid
Progress Report no. 176; 1968, p. 56-57
630.72 K419p

1591. Overfield, J.R.
Cromwell, G.L.
Hays, V.W.
Performance of S.P. F. Yorkshire Herd at West Kentucky Substation from 1963-1967
Progress Report no. 176; 1968, p. 57-59
630.72 K419p

1592. Spruill, D.
Hays, V.W.
Cromwell, G.L.
Effect of Protein Sources and Levels and Oral Iron for the Sow on Reproductive Performance
Progress Report no. 176; 1968, p. 60-61
630.72 K419p

1593. Hutagalung, R.I.
Cromwell, G.L.
Hays, V.W.
Chaney, C.H.
Effect of Dietary Fat, Protein, Cholesterol and Ascorbic Acid on Serum and Tissue Cholesterol and Serum Lipids in Swine
Progress Report no. 176; 1968, p. 62
630.72 K419p

1594. Overfield, J.R.
Hays, V.W.
Cromwell, G.L.
High Protein Rations for Swine
Progress Report no. 176; 1968, p. 62-63
630.72 K419p

1595. Overfield, J.R.
Chaney, J.R.
Protein Levels for Growing-Finishing Pigs on Concrete
Progress Report no. 176; 1968, p. 63
630.72 K419p

1596. Sihombing, D.T.H.
Cromwell, G.L.
Hays, V.W.
Comparison of Opaque-2 and Normal Corn for Pigs
Progress Report no. 176; 1968, p. 64
630.72 K419p

1597. Overfield, J.R.
Cromwell, G.L.
Hays, V.W.
Comparison of Free-Choice and Complete-Mixed Rations for Growing-Finishing Swine
Progress Report no. 176; 1968, p. 64-65
630.72 K419p

1598. Kline, R.D.
Hays, V.W.
Cromwell, G.L.
Interrelationships of Copper and Molybdenum on Performance of Growing-Finishing Pigs
Progress Report no. 176; 1968.
p. 65
630.72 K419p

1599. Chaney, C.H.
Cromwell, G.L.
Overfield, J.R.
Levels of Phosphorus for Growing-Finishing Pigs
Progress Report no. 176; 1968,
p. 65-66
630.72 K419p

1600. Van Horn, H.H.
Jacobson, D.R.
Utilization of Urea by Lactating Dairy Cows
Progress Report no. 176; 1968,
p. 66-67
630.72 K419p

1601. Jacobson, D.R.
Soewardi, B.
Barnett, J.W.
Hatton, R.H.
Carr, S.B.
Sulfur, Nitrogen and Amino Acid Balance, and Digestibility of Low Sulfur and Sulfur Supplemented Diets Fed to Lactating Cows
Progress Report no. 176; 1968,
p. 67-68
630.72 K419p

1602. Yau, S.J.
Jacobson, D.R.
Properties of Toxic Fescue Extracts
Progress Report no. 176; 1968,
p. 68
630.72 K419p

1603. Poe, S.E.
Mitchell, G.E.
Woolfolk, P. G.
Chappell, G.L.M.
Deweese, W.P.
Establishment of Microbial Activity in Pre-Weaned Lambs
Progress Report no. 176; 1968,
p. 68-69
630.72 K419p

1604. Poe, S.E.
Glimp, H.A.
Deweese, W.P.
Mitchell, G.E.
Growth and Development of Early Weaned Lambs
Progress Report no. 176; 1968,
p. 70
630.72 K419p

1605. Poe, S.E.
Mitchell, G.E.
Deweese, W.P.
Woolfolk, P. G.
Intake and Performance of Young Lambs
Progress Report no. 176; 1968,
p. 70-72
630.72 K419p

1606. Glimp, H.A.
Deweese, W.P.
Kemp, J.D.
Stone, L.K.
Performance and Carcass Characteristics of Early Weaned Lambs Slaughtered at Different Weights
Progress Report no. 176; 1968,
p. 72-73
630.72 K419p

1607. Webb, K.E.
Mitchell, G.E.
Little, C.O.
Influence of Vitamin A Deficiency on Renal Function in Ewes
Progress Report no. 176; 1968,
p. 74
630.72 K419p

1608. Boling, J.A.
Mitchell, G.E.
Little, C.O.
Fields, C.L.
Call, J.L.
Biliary Secretion of Metabolites of Vitamin A and Beta-Carotene in Sheep
Progress Report no. 176; 1968,
p. 74-75
630.72 K419p

1609. Alderson, N.E.
Mitchell, G.E.
Little, C.O.
Warner, R.L.
Losses of Vitamin E from the Pre-Intestinal Digestive Tract of Steers
Progress Report no. 176; 1968,
p. 75-76
630.72 K419p

1610. Warner, R.L.
Mitchell, G.E.
Little, C.O.
Alderson, N.W.
Effect of Concentrate Level on Pre-Intestinal Disappearance of Vitamin A
Progress Report no. 176; 1968,
p. 76-77
630.72 K419p

1611. Fields, C.L.
Mitchell, G.E.
Little, C.O.
Boling, J.A.
Effects of Iodinated Casein and Tapazole on Vitamin A Turnover in Steers
Progress Report no. 176; 1968,
p. 77
630.72 K419p

1612. Tucker, R.E.
Mitchell, G.E.
Little, C.O.
Sulfobromothalein (BSP) Excretion by Sheep During Metabolic Stress
Progress Report no. 176; 1968,
p. 77-78
630.72 K419p

1613. McAtee, J.W.
Little, C.O.
Mitchell, G.E.
Protein Status of Sheep and Levels of Blood Acetate and Glucose
Progress Report no. 176; 1968,
p. 78-79
630.72 K419p

1614. Warner, R.L.
Mitchell, G.E.
Little, C.O.
Post-Ruminal Cellulose Digestion in Sheep
Progress Report no. 176; 1968,
p. 79
630.72 K419p

1615. McAtee, J.W.
Little, C.O.
Mitchell, G.E.
Rumen Metabolite Utilization by Mature Rats
Progress Report no. 176; 1968,
p. 80
630.72 K419p

1616. Amos, H.E.
Little, C.O.
Mitchell, G.E.
Proline Metabolism During Cellulose Digestion by Rumen Microorganisms
Progress Report no. 176; 1968,
p. 81
630.72 K419p

1617. Mitchell, G.E.
Little, C.O.
Kennedy, L.G.
Volatile Fatty Acid Concentrations in Ruminal Fluid of Steers Fed Chlortetracycline or Tylosin
Progress Report no. 176; 1968,
p. 81-82
630.72 K419p

1618. Potter, G.D.
Little, C.O.
Mitchell, G.E.
Bradley, N.W.
Abomasal Nitrogen in Steers Fed Urea Rations
Progress Report no. 176; 1968,
p. 82-83
630.72 K419p

1619. Little, C.O.
Potter, G.D.
Mitchell, G.E.
Long, R.D.
Abomasal Nitrogen in Wethers Fed Different Protein Sources
Progress Report no. 176; 1968,
p. 83-84
630.72 K419p

1620. Williams, D.B.
Bradley, N.W.
Little, C.O.
Crowe, M.W.
Effect of Oyster Shell with and without Roughage in Beef Finishing Rations
Progress Report no. 176; 1968,
p. 84-86
630.72 K419p

1621. Potter, G.D.
Overfield, J.R.
Little, C.O.
Bradley, N.W.
Mitchell, G.E.
Urea and Molasses Supplementation of Ground Ear Corn Rations for Feedlot Steers
Progress Report no. 176; 1968,
p. 86-88
630.72 K419p

1622. Little, C.O.
Laster, D.B.
Bradley, N.W.
Mitchell, G.E.
Level of Intake and Feedlot Performance of Steers Fed Soybean Meal or Urea
Progress Report no. 176; 1968,
p. 88
630.72 K419p

1623. Poneleit, C.G.
Evans, K.O.
Results of the Kentucky Hybrid Corn Performance Test, 1968
Progress Report no. 177; 1969,
36p.
630.72 K419p

1624. Shane, J.F.
Tutt, C.R.
Phillips, S.H.
Herron, J.W.
Brabant, S.
Results of the Kentucky Soybean Performance Tests, 1968
Progress Report no. 178; 1969, 24p.
630.72 K419p

1625. Tutt, C.R.
Finkner, V.C.
Loe, R.H.
Results of the Kentucky Small Grain Variety Trials, 1968
Progress Report no. 179; 1969, 31p.
630.72 K419p

1626. Shane, J.F.
Results of the Kentucky Sorgo Performance Test, 1968
Progress Report no. 180; 1969, 4p.
630.72 K419p

1627. Kentucky Animal Sciences Research Reports, 1969
Progress Report no. 181; 1969, 78p.
630.72 K419p

1628. Kemp, J.D.
Crouse, J.D.
Deweese, W.
Moody, W.G.
Effect of Castration and Slaughter Weight on Lamb Carcass Characteristics
Progress Report no. 181; 1969, p. 5-8
630.72 K419p

1629. Deweese, W.P.
Glimp, H.A.
Kemp, J.D.
Ely, D.G.
Performance and Carcass Characteristics of Rams and Wethers Slaughtered at Different Weights
Progress Report no. 181; 1969, p. 8
630.72 K419p

1630. Tichenor, D.
Kemp, J.D.
Moody, W.G.
Fox, J.D.
Deweese, W.
Effects of Rate of Gain, Slaughter Weight and Castration on Selected Chemical, Histological and Organoleptic Characteristics of Ovine Muscle and Adipose Tissue
Progress Report no. 181; 1969, p. 9-12
630.72 K419p

1631. Moody, W.G.
Fox, J.D.
Kemp, J.D.
Henning, W.R.
Physical, Chemical and Histological Properties of Low, Medium and High Quality Hams at Various Intervals During Curing and Aging
Progress Report no. 181; 1969, p. 12-14
630.72 K419p

1632. Rudnick, A.W.
Ross, I.J.
Fox, J.D.
Hardening Ice-Cream by Immersion in Liquid Nitrogen
Progress Report no. 181; 1969, p. 14
630.72 K419p

1633. Cromwell, G.L.
Hays, V.W.
Overfield, J.R.
Effect of Dietary Calcium and Phosphorus Level on Performance, Carcass Characteristics and Bone Mineralization of Swine
Progress Report no. 181; 1969, p. 15
630.72 K419p

1634. Kline, R.D.
Hays, V.W.
Cromwell, G.L.
Copper Molybdenum and Sulfate Interrelationships in Swine
Progress Report no. 181; 1969, p. 15-16
630.72 K419p

1635. Hays, V.W.
Drews, J.E.
Cromwell, G.L.
Effects of Continuous Feeding of 2, 2-Dichlorovinyl Dimethyl Phosphate (DDVP) on Performance of Growing-Finishing Pigs
Progress Report no. 181; 1969, p. 16-17
630.72 K419p

1636. Hays, V.W.
Overfield, J.R.
Cromwell, G.L.
Effects of Aureomycin and Copper Sulfate on Performance of Growing-Finishing Pigs
Progress Report no. 181; 1969, p. 17
630.72 K419p

1637. Hays, V.W.
Keeth, T.W.
Nichols, C.W.
Cromwell, G.L.
Effects of Spectinomycin on Performance of Growing-Finishing Pigs
Progress Report no. 181; 1969, p. 17-18
630.72 K419p

1638. Hays, V.W.
Drews, J.E.
Cromwell, G.L.
Effects of Carbadox on the Performance of Growing-Finishing Pigs
Progress Report no. 181; 1969, p. 18-19
630.72 K419p

1639. Sihombing, D.T.H.
Cromwell, G.L.
Hays, V.W.
Growth and Digestibility Studies with Opaque-2 and Normal Corn for Growing Pigs
Progress Report no. 181; 1969, p. 19-20
630.72 K419p

1640. Hays, V.W.
Clark, T.L.
Cromwell, G.L.
Effects of Dietary Protein and Fat on Intramuscular Fat and Backfat Thickness of Swine
Progress Report no. 181; 1969, p. 20
630.72 K419p

1641. Cromwell, G.L.
Keeth, T.W.
Hays, V.W.
Effect of Protein Level on Performance and Carcass Characteristics of Growing-Finishing Swine
Progress Report no. 181; 1969, p. 20-22
630.72 K419p

1642. Cromwell, G.L.
Overfield, J.R.
Hays, V.W.
Comparison of Corn and Wheat in Diets for Growing-Finishing Swine
Progress Report no. 181; 1969, p. 23
630.72 K419p

1643. Cromwell, G.L.
Hays, V.W.
Overfield, J.R.
Effect of Dietary Ascorbic Acid on Performance of Growing-Finishing Swine
Progress Report no. 181; 1969, p. 23-24
630.72 K419p

1644. Read, C.H.
Walker, J.N.
Hays, V.W.
Cromwell, G.L.
Effect of Evaporative Cooling on the Performance of Finishing Swine
Progress Report no. 181; 1969, p. 24
630.72 K419p

1645. Lovell, D.R.
Bradley, N.W.
Boling, J.A.
Bluegrass-Ladino Clover and Sorghum-Sudan Hybrid for Grazing Steer Calves
Progress Report no. 181; 1969, p. 24-25
630.72 K419p

1646. Bradley, N.W.
Boling, J.A.
Lovell, D.R.
Creep Feeding Spring and Fall Calves
Progress Report no. 181; 1969, p. 25-26
630.72 K419p

1647. Lovell, D.R.
Bradley, N.W.
Boling, J.A.
Energy and Protein Supplements for Wintering Yearling Stocker Steers
Progress Report no. 181; 1969, p. 26-27
630.72 K419p

1648. Utley, P. R.
Bradley, N.W.
Boling, J.A.
Effect of Limited Water Intake on Feed Consumption and Nutrient Digestibility
Progress Report no. 181; 1969, p. 27-29
630.72 K419p

1649. Potter, G.D.
Little, C.O.
Bradley, N.W.
Mitchell, G.E.
Feedlot Performance of Steers Fed Two Levels of Urea
Progress Report no. 181; 1969, p. 29-30
630.72 K419p

1650. Young, A.W.
Bradley, N.W.
Little, C.O.
Boling, J.A.
Overfield, J.R.
Nitrogen Sources for Feedlot Steers Fed Ground Ear Corn Rations
Progress Report no. 181; 1969, p. 30-31
630.72 K419p

1651. Young, A.W.
Bradley, N.W.
Little, C.O.
Boling, J.A.
Level of Feed Intake and Molasses Additions to Urea Rations for Feedlot Steers
Progress Report no. 181; 1969, p. 32
630.72 K419p

1652. Bradley, N.W.
Overfield, J.R.
Little, C.O.
Boling, J.A.
Soybean Meal and Urea in Steer Finishing Rations
Progress Report no. 181; 1969, p. 32-33
630.72 K419p

1653. Young, A.W.
Bradley, N.W.
Boling, J.A.
Lovell, D.R.
Soybean Meal, Urea and No Supplementary Nitrogen Comparisons for Steers Fed Corn Silage
Progress Report no. 181; 1969, p. 34-35
630.72 K419p

1654. Boling, J.A.
Bradley, N.W.
Buck, D.C.
Feeding Behavior of Steers Feed Soybean Meal and Urea Supplemented Diets
Progress Report no. 181; 1969, p. 35-36
630.72 K419p

1655. Little, C.O.
Bradley, N.W.
Boling, J.A.
Mitchell, G.E.
Nitrogen in the Digestive Tract of Steers Fed Soybean Meal or Urea
Progress Report no. 181; 1969, p. 36-37
630.72 K419p

1656. Little, C.O.
Bradley, N.W.
Mitchell, G.E.
Amino Acids in Plasma of Steers Fed Different Nitrogen Sources
Progress Report no. 181; 1969, p. 37-39
630.72 K419p

1657. Warner, R.L.
Mitchell, G.E.
Little, C.O.
Digestion of Cellulose Infused into the Abomasum of Steers
Progress Report no. 181; 1969, p. 39-40
630.72 K419p

1658. Amos, H.E.
Little, C.O.
Mitchell, G.E.
Rumen Stimulatory Properties of Proline
Progress Report no. 181; 1969, p. 40-41
630.72 K419p

1659. Young, A.W.
Bradley, N.W.
Utley, P. R.
Laster, D.B.
Various Physical Measurements as Indicators of Fat in Cows
Progress Report no. 181; 1969, p. 41
630.72 K419p

1660. Boling, J.A.
Mitchell, G.E.
Little, C.O.
Fields, C.L.
Webb, K.E.
Liver Vitamin A Turnover in Mature Rams
Progress Report no. 181; 1969, p. 42
630.72 K419p

1661. Fields, C.L.
Mitchell, G.E.
Little, C.O.
Boling, J.A.
Turnover of Vitamin A Stores in Mature Beef Steers
Progress Report no. 181; 1969, p. 42
630.72 K419p

1662. Long, R.D.
Mitchell, G.E.
Little, C.O.
Influence of Corn Oil on Pre-Intestinal Disappearance of Vitamin A in Sheep
Progress Report no. 181; 1969, p. 43
630.72 K419p

1663. Webb, K.E.
Mitchell, G.E.
Little, C.O.
Plasma and Urinary Components in Vitamin A-Deficient Ewes
Progress Report no. 181; 1969, p. 43-45
630.72 K419p

1664. Call, J.L.
Mitchell, G.E.
Little, C.O.
Boling, J.A.
Amylase Activity in the Pancreatic Secretions of Sheep Following Glucose Infusions
Progress Report no. 181; 1969, p. 45-46
630.72 K419p

1665. Warner, R.L.
Mitchell, G.E.
Little, C.O.
Digestion of Cellulose Infused into the Cecum of Lambs
Progress Report no. 181; 1969, p. 46
630.72 K419p

1666. Warner, R.L.
Mitchell, G.E.
Little, C.O.
Ely, D.G.
Digestion of Cellulose and Mixtures of Corn Oil and Cellulose Infused into the Cecum of Wethers
Progress Report no. 181; 1969, p. 46-47
630.72 K419p

1667. Scott, R.A.
Streeter, C.L.
Little, C.O.
Mitchell, G.E.
Oral and Abomasal Administration of Lysine to Wethers
Progress Report no. 181; 1969, p. 47-48
630.72 K419p

1668. Poe, S.E.
Ely, D.G.
Mitchell, G.E.
Amino Acids in Plasma of Early Weaned Lambs
Progress Report no. 181; 1969, p. 48
630.72 K419p

1669. Chappell, G.L.M.
Templeton, W.C.
Deweese, W.P.
Grass Hays for Pregnant and Lactating Ewes
Progress Report no. 181; 1969, p. 48-49
630.72 K419p

1670. Chappell, G.L.M.
Deweese, W.P.
Roughage Levels in Rations for Early-Weaned Lambs
Progress Report no. 181; 1969, p. 49-50
630.72 K419p

1671. Poe, S.E.
Ely, D.G.
Mitchell, G.E.
Factors Affecting Rumen Microbial Activity in Young Lambs
Progress Report no. 181; 1969, p. 50-52
630.72 K419p

1672. Ely, D.G.
Deweese, W.P.
Poe, S.E.
Little, C.O.
Urea or Heated Soybean Meal for Young Lambs
Progress Report no. 181; 1969, p. 52-53
630.72 K419p

1673. Ely, D.G.
Deweese, W.P.
Poe, S.E.
Mitchell, G.E.
Urea for Lambs from Birth to Market
Progress Report no. 181; 1969, p. 53-54
630.72 K419p

1674. Reitnour, C.M.
Mitchell, G.E.
Baker, J.P.
Little, C.O.
Amino Acids in Equine Cecal Contents, Cecal Bacteria and Serum
Progress Report no. 181; 1969, p. 55-56
630.72 K419p

1675. Lieb, S.
Baker, J.P.
Crawford, B.H.
Hepatic Utilization of Glucose and Volatile Fatty Acids in the Equine
Progress Report no. 181; 1969, p. 56-57
630.72 K419p

1676. Mudd, J.S.
Van Horn, H.H.
Liquid Supplements for Lactating Dairy Cows
Progress Report no. 181; 1969, p. 57-58
630.72 K419p

1677. Jacobson, D.R.
Sniffen, C.J.
Hatton, R.H.
Development of Methods for Relating Forage Properties to Intake and Digestibility
Progress Report no. 181; 1969, p. 59
630.72 K419p

1678. Jacobson, D.R.
Tucker, W.A.
Hatton, R.H.
Synthesis and Physiological Requirements of Amino Acid for Lactating Cows
Progress Report no. 181; 1969, p. 59
630.72 K419p

1679. Jacobson, D.R.
Yau, S.J.
Bioassay, Isolation, Identification of Toxic Factor(s) in Tall Fescue and Vasoactive Mycotoxins Associated with Tall Fescue
Progress Report no. 181; 1969, p. 59-60
630.72 K419p

1680. Cromwell, G.L.
Hays, V.W.
Dutt, R.H.
Cathey, T.W.
Synchronization of Estrus of Gilts with AIMAX, PMS and HCG
Progress Report no. 181; 1969, p. 61-62
630.72 K419p

1681. Hays, V.W.
Overfield, J.R.
Cromwell, G.L.
Effect of 2, 2-Dichlorovinyl Dimethyl Phosphate (DDVP) on Reproductive Performance of Swine
Progress Report no. 181; 1969, p. 62-63
630.72 K419p

1682. Olds, D.
Yates, A.L.
When Should Dairy Heifers Be Bred for First and Second Calves?
Progress Report no. 181; 1969, p. 63-64
630.72 K419p

1683. McGaugh, J.W.
Olds, D.
Molecular, Ionic, and Cellular Migrations in Freezing Solutions and their Effects on Sperm Survival
Progress Report no. 181; 1969, p. 64
630.72 K419p

1684. Thrift, F.A.
Kemp, J.D.
Bradley, N.W.
Garrigus, W.P.
Effect of Sire on Certain Carcass Traits of Young Bulls
Progress Report no. 181; 1969, p. 65-66
630.72 K419p

1685. Thrift, F.A.
Kratzer, D.D.
Bradley, N.W.
Kemp, J.D.
Garrigus, W.P.
Effect of Sire, Sex and Sire X Sex Interactions on Beef Cattle Performance and Carcass Traits
Progress Report no. 181; 1969, p. 67-69
630.72 K419p

1686. Bradley, C.A.
Dutt, R.H.
Seasonal Variation in Free Amino Acid Concentration in Seminal Plasma of Rams
Progress Report no. 181; 1969, p. 70-71
630.72 K419p

1687. Deaton, P. D.
Dutt, R.H.
Motility of Ram Spermatozoa after Storage in Glycerol or Propylene Glycol Dilutors at 4° and -40° C
Progress Report no. 181; 1969, p. 71-72
630.72 K419p

1688. Deweese, W.P.
Dutt, R.H.
Chappell, G.L.M.
Effect of Vaginal Sponges and PMS on Reproductive Performance in Spring-Bred Yearling and Aged Crossbred Ewes
Progress Report no. 181; 1969, p. 72-73
630.72 K419p

1689. Thrift, F.A.
Dutt, R.H.
Relationship between Gestation Length and Number of Lambs Born
Progress Report no. 181; 1969, p. 73
630.72 K419p

1690. Renfro, R.E.
Dutt, R.H.
Use of Hormones to Stimulate Breeding Activity in Anestrous Yearling Ewes
Progress Report no. 181; 1969, p. 73-74
630.72 K419p

1691. Kreider, J.L.
Dutt, R.H.
Semen Characteristics of Southdown Rams Fed a Chlorohydrin (3-Chloro-1, 2-Propanediol)
Progress Report no. 181; 1969, p. 75-76
630.72 K419p

1692. Goerke, T.P.
Dutt, R.H.
Thrift, F.A.
Sources of Variation in Semen Characteristics of Yearling Southdown Rams
Progress Report no. 181; 1969, p. 76-77
630.72 K419p

1693. Dutt, R.H.
Dame, P. R.
Renfro, R.E.
Influence of the Photoperiod on Ovulation, Fertility and Embryo Survival Rates in Ewes
Progress Report no. 181; 1969, p. 77-78
630.72 K419p

1694. Cook, D.
Lee, C.B.
Elam, A.B.
Dependability of Monthly Precipitation in Kentucky
Progress Report no. 182; 1969, 32p.
630.72 K419p

1695. Smiley, J.H.
Wallace, A.M.
Litton, C.C.
Legg, P. D.
Collins, G.B.
Kentucky Burley Tobacco Variety Tests, 1962-68
Progress Report no. 183; 1970, 11p.
630.72 K419p

1696. Shane, J.F.
Tutt, C.R.
Egli, D.B.
Phillips, S.H.
Herron, J.W.
Brabant, S.
Results of the Kentucky Soybean Performance Tests, 1969
Progress Report no. 184; 1970, 19p.
630.72 K419p

1697. Poneleit, C.G.
Evans, K.O.
Kentucky Hybrid Corn Performance Test, 1969
Progress Report no. 185; 1970, 36p.
630.72 K419p

1698. Tutt, C.R.
Finkner, V.C.
Green, J.T.
Results of the Kentucky Small Grain Variety Trials, 1969
Progress Report no. 186; 1970, 39p.
630.72 K419p

1699. Blevins, R.L.
Cook, D.
No-tillage: Its Influence on Soil Moisture and Soil Temperature
Progress Report no. 187; 1970, 15p.
630.72 K419p

1700. Kentucky Animal Sciences Research Reports, 1970
Progress Report no. 188; 1970, 80p.
630.72 K419p

1701. Pyles, W.M.
Langlois, B.E.
Effect of Teat Dipping on the Incidence of Mastitis by *Staphylococcus aureus*
Progress Report no. 188; 1970, p. 5-6
630.72 K419p

1702. Langlois, B.E.
Sides, K.G.
Effect of Chlordane and Heptachlor on the Growth of *Staphylococcus aureus*
Progress Report no. 188; 1970, p. 6-7
630.72 K419p

1703. Langlois, B.E.
Sides, K.G.
Collins, J.A.
Degradation of Organochlorine Pesticides by Bacteria
Progress Report no. 188; 1970, p. 7-8
630.72 K419p

1704. Braund, D.G.
Langlois, B.E.
Conner, D.J.
Moore, E.E.
Feeding Phenobarbital and Activated Carbon to Accelerate Dieldrin Residue Removal in a Contaminated Dairy Herd
Progress Report no. 188; 1970, p. 8-9
630.72 K419p

1705. Gabis, D.A.
Langlois, B.E.
Rudnick, A.W.
Microbiological Examination of Cocoa Powder
Progress Report no. 188; 1970, p. 10
630.72 K419p

1706. Lail, E.C.
Kemp, J.D.
Fox, J.D.
Effect of Antioxidants on Rancidity Development in Dry-Cured Hams
Progress Report no. 188; 1970, p. 10-11
630.72 K419p

1707. Smalling, J.B.
Kemp, J.D.
Fox, J.D.
Effects of Antemortem Injection of Papain on the Tenderness and Quality of Dry-Cured Hams
Progress Report no. 188; 1970, p. 11-12
630.72 K419p

1708. Henning, W.R.
Moody, W.G.
Fox, J.D.
Kemp, J.D.
Effects of Muscle Quality on Chemical and Physical Properties of Country-Style Hams
Progress Report no. 188; 1970, p. 12-13
630.72 K419p

1709. Smalling, J.B.
Fox, J.D.
Kemp, J.D.
Lamb Tenderness as Determined by Different Methods and at Different Times after Cooking
Progress Report no. 188; 1970, p. 14
630.72 K419p

1710. Crouse, J.D.
Kemp, J.D.
Fox, J.D.
Effect of Castration, Slaughter Weight and Testosterone Implantation on Fatty Acid Content of Ovine Adipose Tissue
Progress Report no. 188; 1970, p. 15-16
630.72 K419p

1711. Shelley, J.M.
Kemp, J.D.
Deweese, W.
Moody, W.G.
Effect of Castration, Slaughter Weight and Testosterone on Lamb Carcass Composition and Palatability
Progress Report no. 188; 1970, p. 16-18
630.72 K419p

1712. Rudnick, A.W.
Fox, J.D.
Ross, I.J.
Use of Liquid Nitrogen to Harden Ice Cream
Progress Report no. 188; 1970, p. 18-19
630.72 K419p

1713. Ross, I.J.
Rudnick, A.W.
Fox, J.D.
Thermal Diffusivity of Ice Cream at Cryoscopic Temperatures
Progress Report no. 188; 1970, p. 19
630.72 K419p

1714. Thrift, F.A.
Absher, C.W.
Freeze vs. Fire Branding as a Method of Beef Cattle Identification
Progress Report no. 188; 1970, p. 20
630.72 K419p

1715. Kreider, J.L.
Dutt, R.H.
Fertility of Southdown Rams Fed a Chlorohydrin (3-Chloro-1, 2-Propanediol)
Progress Report no. 188; 1970, p. 20
630.72 K419p

1716. Sand, R.S.
Dutt, R.H.
Preston, D.F.
Use of the ^{133} Xenon Washout Method to Measure Blood Flow Rate through the Ram Testis
Progress Report no. 188; 1970, p. 21
630.72 K419p

1717. Renfro, R.E.
Dutt, R.H.
Unilateral Castration and Accessory Gland Development in Ram Lambs
Progress Report no. 188; 1970, p. 21-23
630.72 K419p

1718. Dutt, R.H.
Renfro, R.E.
Goerke, T.P.
Influence of the Photoperiod on Duration of Estrus, Length of the Estrous Cycle and Ovulation Rate in Ewes
Progress Report no. 188; 1970, p. 23-24
630.72 K419p

1719. Deweese, W.P.
Dutt, R.H.
Ely, D.G.
Reproductive Performance of Synchronized Spring- and Fall-Bred Ewes
Progress Report no. 188; 1970, p. 24-25
630.72 K419p

1720. Goerke, T.P.
Thrift, F.A.
Dutt, R.H.
Genetic, Phenotypic and Environmental Parameter Estimates for Semen Traits Measured on Yearling Southdown Rams
Progress Report no. 188; 1970, p. 25-26
630.72 K419p

1721. Goerke, T.P.
Thrift, F.A.
Dutt, R.H.
Relationship Between Semen Quality and Ewe Fertility in Southdown Sheep
Progress Report no. 188; 1970, p. 26-27
630.72 K419p

1722. Olds, D.
Study of Calving Intervals in Kentucky D.H.I.A. Herds
Progress Report no. 188; 1970, p. 27
630.72 K419p

1723. Olds, D.
Effect of Breeding at Various Intervals after Calving on Calving Intervals in Dairy Cattle
Progress Report no. 188; 1970, p. 27-28
630.72 K419p

1724. Olds, D.
Effect of Breeding at Various Intervals after Calving on the Chances for Eventual Conception
Progress Report no. 188; 1970, p. 28
630.72 K419p

1725. Cromwell, G.L.
Dutt, R.H.
DeGeeter, M.J.
Cathey, T.W.
Hays, V.W.
Estrus Synchronization of Swine with AIMAX, PMS and HCG
Progress Report no. 188; 1970, p. 29
630.72 K419p

1726. Moore, C.P.
Cromwell, G.L.
Dutt, R.H.
Hays, V.W.
Overfield, J.R.
Effect of Feeding Level at Breeding on Reproductive Performance of Swine
Progress Report no. 188; 1970, p. 30
630.72 K419p

1727. Svajgr, A.J.
Hays, V.W.
Cromwell, G.L.
Dutt, R.H.
Reproductive Performance of Protein-Deficient Sows
Progress Report no. 188; 1970, p. 30
630.72 K419p

1728. Streeter, C.L.
Little, C.O.
Mitchell, G.E.
Incorporation of Radioactive Sulfur into Rumen Microorganisms as a Measure of Protein Synthesis
Progress Report no. 188; 1970, p. 31
630.72 K419p

1729. Alderson, N.E.
Mitchell, G.E.
Little, C.O.
Tucker, R.E.
Vitamin E Losses from the Digestive Tract of Steers Fed Corn Oil
Progress Report no. 188; 1970, p. 31-32
630.72 K419p

1730. Webb, K.E.
Boling, J.A.
Mitchell, G.E.
Bradley, N.W.
Little, C.O.
Vitamin A Turnover in the Liver of Non-pregnant Cows
Progress Report no. 188; 1970, p. 32
630.72 K419p

1731. Long, R.D.
Mitchell, G.E.
Little, C.O.
Influence of Corn Oil on Pre-intestinal Disappearance of Vitamin A in Steers
Progress Report no. 188; 1970, p. 32
630.72 K419p

1732. Bradley, N.W.
Lovell, D.R.
Boling, J.A.
Creep Feeding Spring Calves on Kentucky Bluegrass-Ladino Clover or Fescue-Ladino Clover Pasture
Progress Report no. 188; 1970, p. 33
630.72 K419p

1733. Utley, P. R.
Boling, J.A.
Bradley, N.W.
Tucker, R.E.
Recovery of Chromic Oxide from the Gastrointestinal Tract of Heifers
Progress Report no. 188; 1970, p. 33
630.72 K419p

1734. Bradley, N.W.
Boling, J.A.
Lovell, D.R.
Young, A.W.
Effects of Chlormadinone Acetate (Estrostat) on Preweaning and Postweaning Growth Rate of Beef Heifers
Progress Report no. 188; 1970, p. 33-36
630.72 K419p

1735. Utley, P. R.
Bradley, N.W.
Boling, J.A.
Nitrogen Metabolism and Water Intake of Steers
Progress Report no. 188; 1970, p. 36
630.72 K419p

1736. Boling, J.A.
Bradley, N.W.
Willard, J.C.
Plasma Nitrogen Components in the Young Calf
Progress Report no. 188; 1970, p. 36
630.72 K419p

1737. Young, A.W.
Boling, J.A.
Bradley, N.W.
Little, C.O.
Adjustment of Steers to Different Supplemental Nitrogen Sources
Progress Report no. 188; 1970, p. 37
630.72 K419p

1738. Boling, J.A.
Bradley, N.W.
Tucker, R.E.
Supplemental Nitrogen Source and Physical Form of Shelled Corn In Corn Silage Rations for Finishing Steers
Progress Report no. 188; 1970, p. 37-38
630.72 K419p

1739. Boling, J.A.
Bradley, N.W.
Utley, P. R.
Overfield, J.R.
Physical Form of Roughage and Supplemental Nitrogen Sources in Steer Finishing Rations
Progress Report no. 188; 1970, p. 38-39
630.72 K419p

1740. Boling, J.A.
Bradley, N.W.
Utley, P. R.
Overfield, J.R.
Soybean Meal and Urea in Steer Finishing Rations
Progress Report no. 188; 1970, p. 39-40
630.72 K419p

1741. Bradley, N.W.
Boling, J.A.
Utley, P. R.
Overfield, J.R.
Conditioning Steer Calves for the Feedlot
Progress Report no. 188; 1970, p. 40-41
630.72 K419p

1742. Boling, J.A.
Bradley, N.W.
Lovell, D.R.
Wintering Yearling Stocker Steers with Limited Protein and Energy Supplements
Progress Report no. 188; 1970, p. 41-42
630.72 K419p

1743. Lovell, D.R.
Douglas, D.E.
Bradley, N.W.
Boling, J.A.
Wintering Beef Cows on Ground Ear Corn
Progress Report no. 188; 1970, p. 42-44
630.72 K419p

1744. Call, J.L.
Mitchell, G.E.
Little, C.O.
Tucker, R.E.
Ely, D.G.
Plasma Amino Acids and Energy Sources in Sheep Treated with Insulin
Progress Report no. 188; 1970, p. 44-45
630.72 K419p

1745. Foster, A.
Little, C.O.
Mitchell, G.E.
Proline Supplementation of High Roughage - Urea Rations for Sheep
Progress Report no. 188; 1970, p. 45-46
630.72 K419p

1746. Amos, H.E.
Ely, D.G.
Mitchell, G.E.
Little, C.O.
Nitrogen Components in the Digestive Tract of Lambs Fed Corn Gluten Meal and Urea
Progress Report no. 188; 1970, p. 46-47
630.72 K419p

1747. Amos, H.E.
Ely, D.G.
Little, C.O.
Mitchell, G.E.
Lamb Performance on Corn Gluten Meal and Urea Supplemented Rations
Progress Report no. 188; 1970, p. 47-49
630.72 K419p

1748. Long, R.D.
Mitchell, G.E.
Little, C.O.
Ruminal Histamine in Wethers Fed Different Levels of Protein
Progress Report no. 188; 1970, p. 49-50
630.72 K419p

1749. Davis, J.B.
Ely, D.G.
Deweese, W.P.
Mitchell, G.E.
Source and Level of Nitrogen for Early-Weaned Lambs
Progress Report no. 188; 1970, p. 50-51
630.72 K419p

1750. Ely, D.G.
Deweese, W.P.
Amos, H.E.
Levels of Urea in Creep Feeds for Lambs
Progress Report no. 188; 1970, p. 51-52
630.72 K419p

1751. Deweese, W.P.
Ely, D.G.
Chappell, G.L.M.
Physical Forms of Corn in Sheep Rations for Young Lambs
Progress Report no. 188; 1970, p. 52-53
630.72 K419p

1752. Ely, D.G.
Davis, J.B.
Deweese, W.P.
Nishimuta, J.F.
Effects of Weaning Age on Lamb Performance
Progress Report no. 188; 1970, p. 53-54
630.72 K419p

1753. Niver, J.
Tucker, R.E.
Mitchell, G.E.
Influence of *Aspergillus oryzae* Fermentation Extract on Cellulose Digestion by Sheep
Progress Report no. 188; 1970, p. 55
630.72 K419p

1754. Webb, K.E.
Mitchell, G.E.
Little, C.O.
Steroid Synthesis by the Adrenals of Vitamin A-Deficient Wethers
Progress Report no. 188; 1970, p. 55-56
630.72 K419p

1755. Hume, I.D.
Boling, J.A.
Mitchell, G.E.
Excretion of Vitamin A Acid by Sheep
Progress Report no. 188; 1970, p. 56
630.72 K419p

1756. Kline, R.D.
Hays, V.W.
Cromwell, G.L.
Ely, D.G.
Effect of Molybdenum and Sulfate on Copper Status of Lambs
Progress Report no. 188; 1970, p. 56-57
630.72 K419p

1757. Miller, C.E.
Jacobson, D.R.
Level and Mode of Feeding Effects on Animal Performance and Certain Blood and Rumen Metabolites
Progress Report no. 188; 1970, p. 57
630.72 K419p

1758. Sniffen, C.J.
Hume, I.D.
Jacobson, D.R.
Portal Blood Flow in a Holstein Calf Employing the Doppler Shift Technique
Progress Report no. 188; 1970, p. 57-59
630.72 K419p

1759. Hatton, R.H.
Jacobson, D.R.
Production of Gangrene in the Extremities of Bovine Animals from Injection of Fescue Extract
Progress Report no. 188; 1970, p. 59-60
630.72 K419p

1760. Goodspeed, J.
Baker, J.P.
Pulse, R.E.
Casada, H.J.
Walker, J.N.
Effect of Dietary Gelatin on Hoof Development in Horses
Progress Report no. 188; 1970, p. 60
630.72 K419p

1761. Crawford, B.H.
Baker, J.P.
Lieb, S.
Horse Blood Glucose Levels as Affected by Different Rations
Progress Report no. 188; 1970, p. 61
630.72 K419p

1762. Lieb, S.
Baker, J.P.
Crawford, B.H.
Energy Absorption and Utilization in the Equine
Progress Report no. 188; 1970, p. 61-62
630.72 K419p

1763. Scherer, C.W.
Hays, V.W.
Overfield, J.R.
Cromwell, G.L.
Effect of Dietary Calcium and Phosphorus Level on Performance and Skeletal Development of Growing-Finishing Swine
Progress Report no. 188; 1970, p. 63
630.72 K419p

1764. Kline, R.D.
Hays, V.W.
Cromwell, G.L.
Cooper Stores of Pigs as Related to Dietary Additions of Copper, Molybdate, Sulfate and Sulfide
Progress Report no. 188; 1970, p. 63-64
630.72 K419p

1765. Kline, R.D.
Hays, V.W.
Cromwell, G.L.
Effects of Copper, Zinc and Iron Interrelationships in Pigs
Progress Report no. 188: 1970, p. 64
630.72 K419p

1766. Whiteker, M.D.
Comparison of Various Feed Additive Combinations for Growing-Finishing Swine
Progress Report no. 188; 1970, p. 64-65
630.72 K419p

1767. Marroquin, C.R.
Cromwell, G.L.
Hays, V.W.
Comparisons of Two Varieties of Opaque-2 Corn and Normal Corn for Growing Pigs Progress Report no. 188; 1970, p. 65
630.72 K419p

1768. Cromwell, G.L.
Cathey, T.W.
Hays, V.W.
Comparison of Opaque-2 and Normal Corn for Finishing Swine
Progress Report no. 188; 1970, p. 65-66
630.72 K419p

1769. Cromwell, G.L.
Keeth, T.W.
Nichols, C.H.
Hays, V.W.
Effect of Protein Level on Performance of Finishing Gilts
Progress Report no. 188; 1970, p. 66
630.72 K419p

1770. Drews, J.E.
Lambuth, T.R.
Hays, V.W.
Cromwell, G.L.
Moody, W.G.
Effects of Protein and Fat Level on Performance of Growing Pigs
Progress Report no. 188; 1970, p. 66-67
630.72 K419p

1771. DeGeeter, M.J.
Hays, V.W.
Kratzer, D.D.
Cromwell, G.L.
Reproductive and Progeny Performance of Protein Restricted Gilts
Progress Report no. 188; 1970, p. 67
630.72 K419p

1772. Hammell, D.L.
Kratzer, D.D.
Hays, V.W.
DeGeeter, M.J.
Cromwell, G.L.
Learning Ability of Offspring from Protein-Restricted Gilts
Progress Report no. 188; 1970, p. 68
630.72 K419p

1773. Cromwell, G.L.
Overfield, J.R.
Hays, V.W.
Effect of Feeding Complex vs. Simplified Diets to Sows During Gestation and Lactation on Reproductive Performance
Progress Report no. 188; 1970, p. 68-70
630.72 K419p

1774. Cromwell, G.L.
Hays, V.W.
Overfield, J.R.
Complex vs. Simplified Starter Diets for Baby Pigs
Progress Report no. 188; 1970, p. 70-71
630.72 K419p

1775. Cromwell, G.L.
Kline, R.D.
Hays, V.W.
Effect of Ascorbic Acid, Fat and Cholesterol on Performance and Plasma Cholesterol Levels of Swine
Progress Report no. 188; 1970, p. 71
630.72 K419p

1776. Nelson, D.P.
Barfield, B.J.
Cromwell, G.L.
Hays, V.W.
Evaluation of Some Predictors of Swine Response to Temperature and Humidity
Progress Report no. 188; 1970, p. 72
630.72 K419p

1777. Fields, C.L.
Mitchell, G.E.
Little, C.O.
Boling, J.A.
Effects of Iodinated Casein and Tapozole on Vitamin A Turnover in Rats
Progress Report no. 188; 1970, p. 72-73
630.72 K419p

1778. Smiley, J.H.
Wallace, A.M.
Everette, G.
Litton, C.C.
Legg, P. D.
Collins, G.B.
Kentucky Burley Tobacco Variety Tests, 1964-69
Progress Report no. 189; 1970, 10p.
630.72 K419p

1779. Poneleit, C.G.
Evans, K.O.
Kentucky Hybrid Corn Performance Test, 1970
Progress Report no. 190; 1971, 32p.
630.72 K419p

1780. Egli, D.B.
Tutt, C.R.
Herron, J.W.
Brabant, S.
Results of the Kentucky Soybean Performance Tests, 1970
Progress Report no. 191; 1971, 10p.
630.72 K419p

1781. Tutt, C.R.
Finkner, V.C.
Results of the Kentucky Wheat Variety Trials, 1970
Progress Report no. 192; 1971, 24p.
630.72 K419p

1782. Tutt, C.R.
Finkner, V.C.
Results of the Kentucky Oat Variety Trials, 1970
Progress Report no. 193; 1971, 24p.
630.72 K419p

1783. Tutt, C.R.
Finkner, V.C.
Results of the Kentucky Barley Variety Trials, 1970
Progress Report no. 194; 1971, 24p.
630.72 K419p

1784. Smiley, J.H.
Kentucky Farm Tobacco Research Report
Progress Report no. 195; 1971, 24p.
630.72 K419p

1785. Legg, P. D.
Collins, G.B.
Relative Performance of Hybrids and Standard Varieties of Burley Tobacco
Progress Report no. 195; 1971, p. 7
630.72 K419p

1786. Legg, P. D.
Collins, G.B.
Genetic Control of Alkaloids (Nicotine) in Burley Tobacco
Progress Report no. 195; 1971, p. 8
630.72 K419p

1787. Legg, P.D.
Collins, G.B.
Litton, C.C.
Smiley, J.H.
Black Shank Control through Varietal Development and Evaluation
Progress Report no. 195; 1971, p. 8-9
630.72 K419p

1788. Smiley, J.H.
Wallace, A.M.
Fertilizer Placement Studies on Burley Tobacco
Progress Report no. 195; 1971, p. 9-10
630.72 K419p

1789. Smiley, J.H.
Wallace, A.M.
Sims, J.L.
Atkinson, W.O.
Sources of Nitrogen for Burley Tobacco
Progress Report no. 195; 1971, p. 10-13
630.72 K419p

1790. Smiley, J.H.
Wallace, A.M.
Sims, J.L.
Atkinson, W.O.
Everette, G.
Effect of Minor Elements on Yield of Burley Tobacco
Progress Report no. 195; 1971, p. 14
630.72 K419p

1791. Atkinson, W.O.
Burley Tobacco Yields, Values and Labor Requirements for Different Plant Populations
Progress Report no. 195; 1971, p. 14-15
630.72 K419p

1792. Smiley, J.H.
Wallace, A.M.
Effect of Herbicides on Yield of Tobacco
Progress Report no. 195; 1971, p. 15
630.72 K419p

1793. Atkinson, W.O.
Smiley, J.H.
Effect of Transplant Size and Anti-Transpirants on Yield and Value of Burley Tobacco
Progress Report no. 195; 1971, p. 16
630.72 K419p

1794. Smiley, J.H.
Atkinson, W.O.
Wallace, A.M.
Mobileaf of Burley Tobacco in 1969-70
Progress Report no. 195; 1971, p. 16-18
630.72 K419p

1795. Smiley, J.H.
Atkinson, W.O.
Wallace, A.M.
Folicote on Burley Tobacco in 1970
Progress Report no. 195; 1971, p. 18-19
630.72 K419p

1796. Atkinson, W.O.
Smiley, J.H.
Foliar Fertilization of Burley Tobacco
Progress Report no. 195; 1971, p. 19-20
630.72 K419p

1797. Smiley, J.H.
Atkinson, W.O.
Wallace, A.M.
Sucker Control Experiments with Burley Tobacco, Including Type of Chemical, Rates, Split Applications and Sequential Treatments
Progress Report no. 195; 1971, p. 20-21
630.72 K419p

1798. Sims, J.L.
Atkinson, W.O.
Yield and Value of Burley 21 Tobacco as Influenced by Nitrogen Nutrition, Suckering Practice, and Harvest Date
Progress Report no. 195; 1971, p. 21-23
630.72 K419p

1799. Wallace, A.M.
Smiley, J.H.
Atkinson, W.O.
Sims, J.L.
Effect of Time of Topping and Harvesting on Yield and Value of Burley Tobacco
Progress Report no. 195; 1971, p. 23-24
630.72 K419p

1800. Kentucky Animal Science Research Report, 1971
Progress Report no. 196; 1971
80p.
630.72 K419p

1801. Sand, R.S.
Dutt, R.H.
Histological Changes in the Circulatory System within the Pampiniform Plexus and Testis of Heat-Stressed Rams
Progress Report no. 196; 1971, p. 5-6
630.72 K419p

1802. Sand, R.S.
Dutt, R.H.
Semen Characteristics in the Ram Following Temporary Occlusion of the Blood Supply to the Testes
Progress Report no. 196; 1971, p. 6-8
630.72 K419p

1803. Kreider, J.L.
Dutt, R.H.
Histology of the Reproductive Tract of Southdown Rams Fed the Chlorohydrin (3-Chloro-1,2-Propanediol)
Progress Report no. 196; 1971, p. 8-9
630.72 K419p

1804. Moore, C.P.
Dutt, R.H.
Hays, V.W.
Cromwell, G.L.
One-Day vs. 14-Day Flushing Effects on Reproduction in Gilts
Progress Report no. 196; 1971, p. 9-10
630.72 K419p

1805. Hammell, D.L.
Cromwell, G.L.
Hays, V.W.
Dutt, R.H.
Estrus Synchronization of Gilts Fed AIMAX
Progress Report no. 196; 1971, p. 10
630.72 K419p

1806. Bradley, N.W.
Boling, J.A.
Lovell, D.R.
Effects of Chlormadinone Acetate (Estrostat) on Breeding Efficiency of Beef Heifers
Progress Report no. 196; 1971, p. 11-12
630.72 K419p

1807. McGaugh, J.W.
Olds, D.
Effects of PMS Dosages on Bovine Ova Production, Recovery and Fertilization
Progress Report no. 196; 1971, p. 12-13
630.72 K419p

1808. Able, B.V.
Dutt, R.H.
Thrift, F.A.
Bradley, N.W.
Relationship Between Fertilized Ova and Backfat, Serum Lipid Levels and Endometrial Fat in Beef Cows
Progress Report no. 196; 1971, p. 13-14
630.72 K419p

1809. Boling, J.A.
Thrift, F.A.
Cross, D.L.
Plasma Amino Acid Patterns and Nitrogen Constituents in Yearling Bulls and Heifers with Different Rates of Growth
Progress Report no. 196; 1971, p. 14-15
630.72 K419p

1810. Thrift, F.A.
Dutt, R.H.
Woolfolk, P. G.
Phenotypic Response and Time Trends to Date of Birth Selection in Southdown Sheep
Progress Report no. 196; 1971, p. 15
630.72 K419p

1811. Goodwill, R.
Effects of Population Structure on Response to Selection, Using *Tribolium castaneum*
Progress Report no. 196; 1971, p. 15-16
630.72 K419p

1812. Goerke, T.P.
Thrift, F.A.
Dutt, R.H.
Genetic Correlations Between Semen and Growth Traits Measured on Yearling Southdown Rams
Progress Report no. 196; 1971, p. 16-17
630.72 K419p

1813. Bennett, R.C.
Olds, D.
Mode of Inheritance of "White Heifer Disease"
Progress Report no. 196; 1971, p. 17-18
630.72 K419p

1814. May, J.R.
Kemp, J.D.
Trujillo, V.
Cromwell, G.C.
Hays, V.W.
Moody, W.G.
Effect of Dietary Protein and Energy Levels on Carcass and Palatability Characteristics of Swine
Progress Report no. 196; 1971, p. 19-20
630.72 K419p

1815. Henning, W.R.
Moody, W.G.
Kemp, J.D.
Properties of Ham and Loin Muscles as Affected by Pork Quality, Cutability and Anatomical Location
Progress Report no. 196; 1971, p. 21-23
630.72 K419p

1816. Kemp, J.D.
Fox, J.D.
Moody, W.G.
Crouse, J.D.
Relationship of Fresh Ham Traits to Cured Ham Quality
Progress Report no. 196; 1971, p. 23-27
630.72 K419p

1817. Crouse, J.D.
Kemp, J.D.
Fox, J.D.
Ely, D.G.
Moody, W.G.
Effects of Castration on Ovine Neutral Lipid and Phospholipid Deposition
Progress Report no. 196; 1971, p. 28-29
630.72 K419p

1818. Kemp, J.D.
Langlois, B.E.
Effect of Storage Temperature on Shelf Life of Fresh Pork Sausage
Progress Report no. 196; 1971, p. 29-30
630.72 K419p

1819. Weckbach, L.S.
Langlois, B.E.
Effect of Teat Dip on the Characteristics of Staphylococci Isolated from the Bovine Udder
Progress Report no. 196; 1971, p. 30-31
630.72 K419p

1820. Begin, J.J.
Fox, J.D.
Recycling Animal Waste through Poultry. 1. Dried Rumen Residue
Progress Report no. 196; 1971, p. 32-34
630.72 K419p

1821. Pisone, U.
Begin, J.J.
Recycling Animal Waste through Poultry. 2. Dried Poultry Manure
Progress Report no. 196; 1971, p. 34-35
630.72 K419p

1822. Wysocki, A.A.
Baker, J.P.
Fulghum, R.S.
Equine Cecal Bacterial Growth as Measured by ^{35}S
Progress Report no. 196; 1971, p. 35
630.72 K419p

1823. Baker, J.P.
Lieb, S.
Crawford, B.H.
Kratzer, D.D.
Role of the Cecum in Protein Nutrition of the Equine
Progress Report no. 196; 1971, p. 35-36
630.72 K419p

1824. McCreery, S.
Fulghum, R.S.
Baker, J.P.
Studies on Equine Cecal Bacteria
Progress Report no. 196; 1971, p. 36
630.72 K419p

1825. Pulse, R.E.
Baker, J.P.
Potter, G.D.
Hudson, W.J.
Goodspeed, J.K.
Nutrient Digestion and Indicator Retention before and after Fistulation in Horses
Progress Report no. 196; 1971, p. 36-37
630.72 K419p

1826. Enlow, C.M.
Hemken, R.W.
Jacobson, D.R.
Van Horn, H.H.
Effects of Estimated Net Energy and Protein Content of Feed on Milk Yield and Composition During the Early Stage of Lactation
Progress Report no. 196; 1971, p. 38-39
630.72 K419p

1827. Hale, G.D.
Jacobson, D.R.
Oral or Abomasal Supplements of Methionine or Methionine Hydroxy Analogue for Lactating Cows
Progress Report no. 196; 1971, p. 39
630.72 K419p

1828. Sniffen, C.J.
Jacobson, D.R.
Hatton, R.H.
Hume, I.D.
Absorption of Sugars, Volatile Fatty Acids, and Amino Acids, Measured by Arterial-Venous Difference in Steers on Two Maturity Alfalfa Hays
Progress Report no. 196; 1971, p. 40
630.72 K419p

1829. Sniffen, C.J.
Jacobson, D.R.
Hume, I.D.
Hatton, R.H.
Miller, C.E.
Tucker, W.A.
Portal Blood Flow in Holstein Calves and Steers as Affected by Position, Activity, Weight, Feeding and Diet
Progress Report no. 196; 1971, p. 40
630.72 K419p

1830. Sniffen, C.J.
Jacobson, D.R.
Hatton, R.H.
Hume, I.D.
Miller, C.E.
Tucker, W.A.
Absorption Measured by Arterial-Venous Difference of Sugars, Volatile Fatty Acids and Amino Acids in Calves Fed Milk or Hay and Concentrate
Progress Report no. 196; 1971, p. 40
630.72 K419p

1831.
Bradley, N.W.
Templeton, W.C.
Lovell, D.R.
Boling, J.A.
Ludwick, R.L.
Creep Feeding Spring Calves on Kentucky Bluegrass - Ladino Clover or Fescue - Ladino Clover Pasture
Progress Report no. 196; 1971, p. 40-42
630.72 K419p

1832. Gay, N.
Bradley, N.W.
Effects of Blighted Corn Silage on Beef Cattle
Progress Report no. 196; 1971, p. 43
630.72 K419p

1833. Ludwick, R.L.
Bradley, N.W.
Boling, J.A.
Burris, R.C.
Preformed Protein Sources of Different Solubility in Steer Rations
Progress Report no. 196; 1971, p. 43-44
630.72 K419p

1834. Ludwick, R.L.
Boling, J.A.
Bradley, N.W.
Preformed Protein Source in All-Concentrate and Minimum Roughage Rations for Finishing Steers
Progress Report no. 196; 1971, p. 45-47
630.72 K419p

1835. Willard, J.C.
Boling, J.A.
Bradley, N.W.
Supplemental Nitrogen Sources for Growing Steer Calves
Progress Report no. 196; 1971, p. 47-48
630.72 K419p

1836. Bradley, N.W.
Boling, J.A.
Ludwick, R.L.
Comparative Efficacy of the High CIS and High TRANS Isomers of Diethylstilbestrol for Steers
Progress Report no. 196; 1971, p. 48-49
630.72 K419p

1837. Cross, D.L.
Boling, J.A.
Bradley, N.W.
Chromic Oxide and Crude Protein Excretion in Steers as Influenced by Water Restriction
Progress Report no. 196; 1971, p. 50
630.72 K419p

1838. Branstetter, R.F.
Mitchell, G.E.
Tucker, R.E.
Boling, J.A.
Bradley, N.W.
Placental and Mammary Transfer of Vitamin A in Beef Cows
Progress Report no. 196; 1971, p. 50-51
630.72 K419p

1839. Tucker, R.E.
Mitchell, G.E.
Cannon, W.N.
Alderson, N.E.
Ruminal Destruction of Vitamin E Administered with Exthoxyquin or Sodium Nitrate
Progress Report no. 196; 1971, p. 51-52
630.72 K419p

1840. Parakkasi, A.
Mitchell, G.E.
Little, C.O.
Tucker, R.E.
Schelling, G.T.
Pre-Intestinal Disappearance of Vitamin D_2 in Ruminants
Progress Report no. 196; 1971, p. 52-53
630.72 K419p

1841. Fields, C.L.
Boling, J.A.
Tucker, R.E.
Bradley, N.W.
Ludwick, R.L.
Mitchell, G.E.
Feedlot Performance and Carcass Characteristics of Steers Fed Tapazole
Progress Report no. 196; 1971, p. 54-55
630.72 K419p

1842. Alderson, N.E.
Mitchell, G.E.
Little, C.O.
Pattern of Digesta Passage and Ruminoreticular Motility in Sheep Fed Hay Ad Libitum
Progress Report no. 196; 1971, p. 55-56
630.72 K419p

1843. Alderson, N.E.
Mitchell, G.E.
Tucker, R.E.
Digestibility and Passage Rate of Alfalfa Hay in Wethers Treated with Histamine and Formic Acid
Progress Report no. 196; 1971, p. 57-58
630.72 K419p

1844. Call, J.L.
Mitchell, G.E.
Tucker, R.E.
Amos, H.E.
Alderson, N.E.
14 C-Leucine Incorporation by Liver and Muscles of Insulin-Treated Sheep
Progress Report no. 196; 1971, p. 58
630.72 K419p

1845. Long, R.D.
Mitchell, G.E.
Little, C.O.
Ruminal Histamine in Wethers with Acute Indigestion
Progress Report no. 196; 1971, p. 58
630.72 K419p

1846. Niver, J.W.
Tucker, R.E.
Mitchell, G.E.
Cellulose Digestion in Sheep Fed an Extract of *Aspergillus oryzae*
Progress Report no. 196; 1971, p. 59
630.72 K419p

1847. Hume, I.D.
Jacobson, D.R.
Mitchell, G.E.
Absorption of Amino Acids in Sheep Fed Alfalfa
Progress Report no. 196; 1971, p. 59-60
630.72 K419p

1848. Hume, I.D.
Jacobson, D.R.
Mitchell, G.E.
Absorption of Leucine Infused into the Abomasum of Sheep
Progress Report no. 196; 1971, p. 60
630.72 K419p

1849. Hume, I.D.
Mitchell, G.E.
Tucker, R.E.
Biliary Excretion of Injected Vitamin A in Sheep - Effect of Replacing Collected Bile
Progress Report no. 196; 1971, p. 60-61
630.72 K419p

1850. Hume, I.D.
Mitchell, G.E.
Tucker, R.E.
Entero-Hepatic Recycling of Vitamin A in Sheep
Progress Report no. 196; 1971, p. 61
630.72 K419p

1851. Hume, I.D.
Jacobson, D.R.
Mitchell, G.E.
Diurnal Variations in Amino Acid Absorption in Sheep
Progress Report no. 196; 1971, p. 61
630.72 K419p

1852. Nishimuta, J.F.
Ely, D.G.
Boling, J.A.
Evaluation of Heat, Formaldehyde and Tannic Acid Treated Soybean Meal for Lambs
Progress Report no. 196; 1971, p. 62-63
630.72 K419p

1853. Ely, D.G.
Deweese, W.P.
Amos, H.E.
Urea and Heated Soybean Meal Supplementation to Lamb Rations
Progress Report no. 196; 1971, p. 63-64
630.72 K419p

1854. Fry, S.E.
Ely, D.G.
Deweese, W.P.
Cromwell, G.L.
Effect of Opaque-2 Corn and Protein Level on the Nitrogen Utilization of Early Weaned Lambs
Progress Report no. 196; 1971, p. 64-65
630.72 K419p

1855. Schelling, G.T.
Richardson, R.
Mitchell, G.E.
Apparent Excesses of Amino Acids in Whole Egg Protein
Progress Report no. 196; 1971, p. 66-67
630.72 K419p

1856. Marroquin, C.R.
Cromwell, G.L.
Hays, V.W.
Effect of Soybean Meal, Lysine and Methionine Supplementation to Opaque-2 and Normal Corn on Performance of Young Pigs
Progress Report no. 196; 1971, p. 67
630.72 K419p

1857. Whiteker, M.D.
Effect of Blighted Corn on the Performance of Growing-Finishing Pigs
Progress Report no. 196; 1971, p. 68
630.72 K419p

1858. Drews, J.E.
Best, R.L.
Cromwell, G.L.
Hays, V.W.
Kemp, J.D.
Moody, W.G.
Effect of Dietary Protein and Fat Levels on Carcass Measurements and Eating Quality of Pork
Progress Report no. 196; 1971, p. 68-69
630.72 K419p

1859. Cromwell, G.L.
Hays, V.W.
Kemp, J.D.
Moody, W.G.
Effect of Protein Level on Intramuscular Fat in Swine
Progress Report no. 196; 1971, p. 69
630.72 K419p

1860. Cromwell, G.L.
Hays, V.W.
Effect of Dietary Fat, Cholesterol and Ascorbic Acid on Performance and Plasma Cholesterol Levels in Swine
Progress Report no. 196; 1971, p. 69-70
630.72 K419p

1861. Sihombing, D.T.H.
Cromwell, G.L.
Hays, V.W.
Effect of Added Thiocyanate and Iodine to Corn-Soybean Meal Diets on Performance and Thyroid Status of Pigs
Progress Report no. 196; 1971, p. 70
630.72 K419p

1862. Sihombing, D.T.H.
Cromwell, G.L.
Hays, V.W.
Effects of Iodine Levels, Protein Sources and Goitrogens on Performance and Thyroid Status of Pigs
Progress Report no. 196; 1971, p. 70- 71
630.72 K419p

1863. Hammell, D.L.
Dratzer, D.D.
Hays, V.W.
Cromwell, G.L.
Avoidance and Water Maze Learning Ability of Swine
Progress Report no. 196; 1971, p. 71
630.72 K419p

1864. DeGeeter, M.J.
Hays, V.W.
Cromwell, G.L.
Kratzer, D.D.
Reproductive and Progeny Performance of Protein Restricted Gilts
Progress Report no. 196; 1971, p. 71
630.72 K419p

1865. Hays, V.W.
Cromwell, G.L.
Overfield, R.O.
Effect of Copper and Vitamin E on Response of Pigs Fed Corn and Wheat Base Diets
Progress Report no. 196; 1971, p. 72
630.72 K419p

1866. Cromwell, G.L.
Hays, V.W.
Effects of Neomycin, Terramycin, Carbadox and Oleandomycin on Performance of Growing-Finishing Swine
Progress Report no. 196; 1971, p. 72-73
630.72 K419p

1867. Cromwell, G.L.
Hays, V.W.
Cathy, T.W.
Effect of Arsanilic Acid and Vitamin E on Performance of Growing-Finishing Swine
Progress Report no. 196; 1971, p. 73
630.72 K419p

1868. Egli, D.B.
Cook, D.
Elam, A.B.
Poneleit, C.G.
Growing Degree Days for Corn in Kentucky
Progress Report no. 197; 1971, 10p.
630.72 K419p

1869. Roberts, J.B.
Kentucky Dairy Industry: Facts and Issues
Progress Report no. 198; 1972, 46p.
630.72 K419p

1870. Egli, D.B.
Tutt, C.R.
Herron, J.W.
Brabant, S.
Kentucky Soybean Performance Tests, 1971
Progress Report no. 199; 1972, 12p.
630.72 K419p

1871. Smiley, J.H.
Wallace, A.M.
Everette, G.
Collins, G.B.
Litton, C.C.
Legg, P. D.
Kentucky Burley Tobacco Variety Tests, 1964-70
Progress Report no. 200; 1972, 11p.
630.72 K419p

1872. Poneleit, C.G.
Evans, K.O.
Kentucky Hybrid Corn Performance Test, 1971
Progress Report no. 201; 1972, 23p.
630.72 K419p

1873. Elam, A.B.
Haan, C.T.
Barfield, B.J.
Bridges, T.C.
Precipitation Probabilities for Kentucky
Progress Report no. 202; 1972, 55p.
630.72 K419p

1874. Tutt, C.R.
Bitzer, M.J.
Finkner, V.C.
Herbek, J.
Kentucky Small Grain Variety Trials, 1971
Progress Report no. 203; 1972. 23p.
630.72 K419p

1875. Egli, D.B.
Tutt, C.R.
Kentucky Soybean Performance Tests, 1972
Progress Report no. 204; 1973, 12p.
630.72 K419p

1876. Tutt, C.R.
Bitzer, M.J.
Finkner, V.C.
Davis, D.L.
Herbek, J.
Vaught, H.
Kentucky Small Grain Variety Trials, 1972
Progress Report no. 205; 1973, 24p.
630.72 K419p

1877. Poneleit, C.G.
Evans, K.O.
Kentucky Hybrid Corn Performance Test, 1972
Progress Report no. 206; 1973, 31p.
630.72 K419p

1878. Smiley, J.H.
Wallace, A.M.
Everette, G.
Collins, G.B.
Litton, C.C.
Legg, P. D.
Kentucky Burley Tobacco Variety Tests, 1964-71
Progress Report no. 207; 1973, 11p.
630.72 K419p

1879. Barfield, B.
Hill, J.
Walker, J.
Solar Radiation on Sloping Surfaces in Kentucky
Progress Report no. 208; 1973, 16p.
630.72 K419p

1880. Elam, A.B.
Meteorological Drought in Kentucky, 1929-71
Progress Report no. 209; 1973, 20p.
630.72 K419p

1881. Hill, J.D.
Elam, A.B.
Soil Temperature Climatology of Kentucky
Progress Report no. 210; 1973, 24p.
630.72 K419p

1882. Egli, D.B.
Tutt, C.R.
Kentucky Soybean Performance Tests, 1973
Progress Report no. 211; 1973, 12p.
630.72 K419p

1883. Poneleit, C.G.
Evans, K.O.
Kentucky Hybrid Corn Performance Test, 1973
Progress Report no. 212; 1973, 31p.
630.72 K419p

1884. Tutt, C.R.
Bitzer, M.J.
Finkner, V.C.
Kentucky Small Grain Variety Trials, 1973
Progress Report no. 213; 1974, 22p.
630.72 K419p

1885. Hill, J.D.
Risk of Frost and Freezing Temperatures in Kentucky
Progress Report no. 214; 1974, 24p.
630.72 K419p

1886. Poneleit, C.G.
Evans, K.O.
Kentucky Hybrid Corn Performance Test, 1974
Progress Report no. 215; 1974, 31p.
630.72 K419p

1887. Egli, D.B.
Tutt, C.R.
Wood, J.M.
Kentucky Soybean Performance Tests. 1974
Progress Report no. 216; 1974, 12p.
630.72 K419p

1888. Tutt, C.R.
Bitzer, M.J.
Kentucky Small Grain Variety Trials, 1974
Progress Report no. 217; 1975, 16p.
630.72 K419p

1889. Beef Cattle Research Report, 1975
Progress Report no. 218; 1975, 54p.
630.72 K419p

1890. Bradley, N.W.
Boling, J.A.
Finishing Beef Cattle with Pasture and Grain
Progress Report no. 218; 1975, p. 5-12
630.72 K419p

1891. Hill, G.M.
Bradley, N.W.
Boling, J.A.
Lovell, D.R.
Templeton, W.C.
Forage Type and Supplemental Feeding for Spring and Fall Calf Production
Progress Report no. 218; 1975, p. 13-19
630.72 K419p

1892. Gay, N.
Studies on Beef Cow Herd Management Practices
Progress Report no. 218; 1975, p. 20-23
630.72 K419p

1893. Evans, J.K.
Gay, N.
Lacefield, G.
Sherman, J.E.
Haying with the Big Package Systems
Progress Report no. 218; 1975, p. 24-28
630.72 K419p

1894. Boling, J.A.
Bradley, N.W.
Protein Levels and Nitrogen Sources for Growing Steer Calves
Progress Report no. 218; 1975, p. 29-35
630.72 K419p

1895. Johns, J.T.
Effects of Pre- and Postcalving Nutrition on Reproduction
Progress Report no. 218; 1975, p. 36-39
630.72 K419p

1896. Thrift, F.A.
Impact of Pinkeye (Infectious Bovine Keratoconjunctivitis) on Weaning and Postweaning Performance of Hereford Calves
Progress Report no. 218; 1975, p. 40-42
630.72 K419p

1897. Kemp, J.D.
Beef Grading and Its Relationship to Kentucky Produced Beef
Progress Report no. 218; 1975, p. 43-47
630.72 K419p

1898. Mackey, E.
Golden Opportunity for Graded and Grouped Feeder Calf Sales in Kentucky: Serious Problems Yet To Be Faced
Progress Report no. 218; 1975, p. 48-51
630.72 K419p

1899. BreDahl, R.
Summary of Performance Tested Bull Sales in 1975
Progress Report no. 218; 1975, p. 52-53
630.72 K419p

1900. Egli, D.B.
Tutt, C.R.
Wood, J.M.
Reicosky, D.A.
Kentucky Soybean Performance Tests, 1975
Progress Report no. 219; 1975, 14p.
630.72 K419p

1901. Poneleit, C.G.
Evans, K.O.
Kentucky Hybrid Corn Performance Test, 1975
Progress Report no. 220; 1975, 31p.
630.72 K419p

1902. Hill, J.D.
Climate of Kentucky
Progress Report no. 221; 1976, 88p.
630.72 K419p

1903. Vian, W.E.
Finkner, V.C.
Tutt, C.R.
Bitzer, M.J.
Kentucky Small Grain Variety Trials, 1975
Progress Report no. 222; 1976, 24p.
630.72 K419p

1904. Freytag, P. H.
Leaf-Hoppers of Kentucky. part 1. Agalliinae, idiocerinae and macropsinae
Progress Report no. 223; 1976, 63p.
630.72 K419p

1905. Vian, W.E.
Finkner, V.C.
Tutt, C.R.
Kentucky Small Grain Variety Trials, 1976
Progress Report no. 224; 1976, 24p.
630.72 K419p

1906. Reicosky, D.A.
Wood, J.M.
Tutt, C.R.
Kentucky Soybean Performance Tests, 1976
Progress Report no. 225; 1976, 18p.
630.72 K419p

1907. Poneleit, C.G.
Evans, K.O.
Kentucky Hybrid Corn Performance Test, 1976
Progress Report no. 226; 1976, 31p.
630.72 K419p

1908. Beef Cattle Research Report, 1977
Progress Report no. 227; 1977, 98p.
630.72 K419p

1909. Bradley, N.W.
Lovell, D.R.
Boling, J.A.
Gay, N.
Kind of Forage, Forage Management and Creep Feed for Spring-Calving Cows and Calves
Progress Report no. 227; 1977, p. 5-10
630.72 K419p

1910. Gay, N.
Bradley, N.W.
Boling, J.A.
Rumensin® for Growing, Finishing Cattle
Progress Report no. 227; 1977, p. 11
630.72 K419p

1911. Boling, J.A.
Bardley, N.W.
Campbell, L.D.
Monensin Levels for Steer Calves Grazing Pasture
Progress Report no. 227; 1977, p. 11-12
630.72 K419p

1912. Boling, J.A.
Bradley, N.W.
Campbell, L.D.
Monensin Levels for Finishing Steers Fed Corn Silage Diets
Progress Report no. 227; 1977, p. 12-13
630.72 K419p

1913. Steen, W.W.
Gay, N.
Boling, J.A.
Bradley, N.W.
McCormick, J.W.
Pendlum, L.C.
Effects of Different Rumensin Levels on Feedlot Cattle
Progress Report no. 227; 1977, p. 14-15
630.72 K419p

1914. Gay, N.
Boling, J.A.
Bradley, N.W.
Lovell, D.
Overfield, J.R.
Selman, W.R.
High and Low Levels of Corn and Wheat with and without Rumensin in Feedlot Rations
Progress Report no. 227; 1977, p. 15-19
630.72 K419p

1915. Irwin, L.N.
Mitchell, G.E.
Tucker, R.E.
Schelling, G.T.
Acidosis of Feedlot Cattle
Progress Report no. 227; 1977, p. 20-22
630.72 K419p

1916. Evans, J.K.
Lacefield, G.
Improving Kentucky Forages by Use of Better Management
Progress Report no. 227; 1977, p. 23-24
630.72 K419p

1917. Absher, C.
Johns, J.
BreDahl, R.
Backgrounding Guidelines
Progress Report no. 227; 1977, p. 25-29
630.72 K419p

1918. Ely, D.G.
Glenn, B.P.
Sheep and Cattle: Companion Grazing for Increased Profit
Progress Report no. 227; 1977, p. 30-32
630.72 K419p

1919. Parker, R.
Essentials of Good Corrals
Progress Report no. 227; 1977, p. 33-35
630.72 K419p

1920. Johns, J.
Absher, C.
BreDahl, R.
Morrison, M.
Parker, R.
Results of Extension Demonstrations in Animal Science
Progress Report no. 227; 1977, p. 36-38
630.72 K419p

1921. Shell, G.
Mackey, E.
Johns, J.T.
Sale of Feeder Cattle in Selected Kentucky Auction Markets
Progress Report no. 227; 1977, p. 39-43
630.72 K419p

1922. Mackey, E.
Feeder Calf Sales Report, Fall 1976 - Spring 1977
Progress Report no. 227; 1977, p. 44-47
630.72 K419p

1923. Miksch, D.
Preventive Medicine Calendar for Spring Calving Beef Cows
Progress Report no. 227; 1977, p. 48-49
630.72 K419p

1924. BreDahl, R.
Summary of Performance Tested Bull Sales in 1977
Progress Report no. 227; 1977, p. 50-51
630.72 K419p

1925. Hill, G.M.
Bradley, N.W.
Boling, J.A.
Growth of Steers Fed Soybean Meal or Urea Supplemented with Different Levels of Sulfur
Progress Report no. 227; 1977, p. 52-53
630.72 K419p

1926. Gay, N.
Boling, J.A.
Wintering Steer Calves
Progress Report no. 227; 1977, p. 54-55
630.72 K419p

1927. Pendlum, L.C.
Boling, J.A.
Bradley, N.W.
Response of Steers Fed Different Protein Levels and Corn Silage
Progress Report no. 227; 1977, p. 56
630.72 K419p

1928. Pendlum, L.C.
Boling, J.A.
Bradley, N.W.
Noncontinuous Protein Levels for Growing Calves
Progress Report no. 227; 1977, p. 57-58
630.72 K419p

1929. Glenn, B.P.
Ely, D.G.
Fat Treatment of Protein for Steers
Progress Report no. 227; 1977, p. 59
630.72 K419p

1930. Schelling, G.T.
Mitchell, G.E.
Tucker, R.E.
Rumen By-Pass in Cattle
Progress Report no. 227; 1977, p. 60-61
630.72 K419p

1931. Stuart, R.L.
Schelling, G.T.
Tucker, R.E.
Mitchell, G.E.
Amino Acid Metabolism by Rumen Microbes
Progress Report no. 227; 1977, p. 62-63
630.72 K419p

1932. Jackson, T.C.
Schelling, G.T.
Mitchell, G.E.
Tucker, R.E.
Nucleic Acid Metabolism and Digestion in the Digestive Tract of Ruminants
Progress Report no. 227; 1977, p. 64-65
630.72 K419p

1933. Boling, J.A.
Katanyukul, P. J.
Nuzum, C.T.
Bradley, N.W.
Liver Arginase Activity in Steers Fed Diets Containing Different Levels of Protein
Progress Report no. 227; 1977, p. 66-67
630.72 K419p

1934. Okolo, T.O.
Boling, J.A.
Gay, N.
Bradley, N.W.
Magnesium Metabolism in Fall-Calving Beef Cows
Progress Report no. 227; 1977, p. 68-69
630.72 K419p

1935. Okolo, T.O.
Boling, J.A.
Gay, N.
Lacefield, G.
Blood Metabolites in Spring-Calving Cows Exhibiting Grass Tetany
Progress Report no. 227; 1977, p. 70-71
630.72 K419p

1936. DaRocha, M.C.
Tucker, R.E.
Mitchell, G.E.
Schelling, G.T.
Mineral Utilization in Sheep at High Temperatures
Progress Report no. 227; 1977, p. 72
630.72 K419p

1937. Rosero, C.R.
Tucker, R.E.
Mitchell, G.E.
Schelling, G.T.
Mineral Balance in Sheep Fed Early Spring Dehydrated Forages
Progress Report no. 227; 1977, p. 73
630.72 K419p

1938. Newton, G.L.
Tucker, R.E.
Mitchell, G.E.
Schelling, G.T.
Stability of Vitamin A and Chlortetracycline Added to Liquid Supplements for Beef Cattle
Progress Report no. 227; 1977, p. 74
630.72 K419p

1939. Steen, W.W.
Gay, N.
Boling, J.A.
Buckner, R.
Bush, L.
McCormick, J.
Evaluation of Four Varieties of Tall Fescue for Yearling Steers During the Spring-Summer Grazing Season
Progress Report no. 227; 1977, p. 75-76
630.72 K419p

1940. Johnston, D.
Moody, W.G.
Bradley, N.
Relationship of Breed and Sex on Beef Muscle Fiber Traits
Progress Report no. 227; 1977, p. 77-79
630.72 K419p

1941. Johnston, D.
Moody, W.G.
Bradley, N.
Relationship of Feeding Methods on Beef Muscle Fiber Characteristics
Progress Report no. 227; 1977, p. 80-82
630.72 K419p

1942. Johnston, D.
Moody, W.G.
Bradley, N.
Relationship of Muscle Fiber Characteristics on Beef Palatability and Carcass Traits
Progress Report no. 227; 1977, p. 83-85
630.72 K419p

1943. Bedau, C.
Moody, W.G.
Effects of Thawing Methods and Subsequent Cookery on Beef Quality and Eating Traits
Progress Report no. 227; 1977, p. 86-89
630.72 K419p

1944. Moody, W.G.
Johnston, D.
Bedau, C.
Microwave vs Conventional Cookery of Beef Cuts
Progress Report no. 227; 1977, p. 90-93
630.72 K419p

1945. Abner, D.L.
Fox, J.D.
Bradley, N.
Carcass Characteristics and Composition and Consumer Acceptance of Baby and Limited Grain Finished Steers
Progress Report no. 227; 1977, p. 94-97
630.72 K419p

1946. Alexander, A.S.
Fox, J.D.
Effects of Post-Mortem Aging and Cooking Temperature and Rate on Selected Tenderness Related Characteristics of Bovine Muscle
Progress Report no. 227; 1977, p. 98
630.72 K419p

1947. Vian, W.E.
Finkner, V.C.
Tutt, C.R.
Kentucky Small Grain Variety Trials. 1977
Progress Report no. 228; 1977, 26p.
630.72 K419p

1948. Reicosky, D.A.
Wood, J.M.
Tutt, C.R.
Kentucky Soybean Performance Tests, 1977
Progress Report no. 229; 1978, 19p.
630.72 K419p

1949. Smiley, J.H.
Wallace, A.M.
Everette, G.
Collins, G.B.
Litton, C.C.
Legg, P. D.
Kentucky Burley Tobacco Variety Tests 1968-1976
Progress Report no. 230; 1978, 15p.
630.72 K419p

1950. Roberts, C.R.
Kentucky Chipping Potato Research, 1977
Progress Report no. 231; 1978, 8p.
630.72 K419p

1951. Poneleit, C.G.
Evans, K.O.
Kentucky Hybrid Corn Performance Test, 1977
Progress Report no. 232; 1978, 32p.
630.72 K419p

1952. Sheeprofit Day: May 25, 1978 - Proceedings
Progress Report no. 233; 1978, 27p.
630.72 K419p

1953. Ely, D.G.
Deweese, W.P.
Growth of Newborn Lambs Treated With Lacto-Cill Feed Fortifier
Progress Report no. 233; 1978, p. 5-7
630.72 K419p

1954. Ely, D.G.
Deweese, W.P.
Kemp, J.D.
Thrift, F.A.
Performance of Early-Weaned Lambs Fed Three Protein Levels and Slaughtered at Three Weights
Progress Report no. 233; 1978, p. 7-9
630.72 K419p

1955. Glenn, B.P.
Ely, D.G.
Deweese
Monensin-Ralgro Interaction in Early-Weaned Lambs
Progress Report no. 233; 1978, p. 9-10
630.72 K419p

1956. Glenn, B.P.
Ely, D.G.
Deweese, W.P.
Monensin and Different Dietary Protein Levels for Lambs
Progress Report no. 233; 1978, p. 10-12
630.72 K419p

1957. Ely, D.G.
Glenn, B.P.
Thomas, R.J.
Increasing Nutrient Utilization in Lambs Fed Low Quality Roughage
Progress Report no. 233; 1978, p. 12-13
630.72 K419p

1958. Ely, D.G.
Spears, J.W.
Bush, L.P.
Sulfur Supplementation to Kentucky 31 Fescue Fed to Lambs
Progress Report no. 233; 1978, p. 14-15
630.72 K419p

1959. Thomas, R.J.
Ely, D.G.
Boling, J.A.
Vitamin D and Magnesium Interaction in Growing Lambs
Progress Report no. 233; 1978, p. 15-17
630.72 K419p

1960. Glenn, B.P.
Ely, D.G.
Lipid Coating a Supplemental Amino Acid for Sheep
Progress Report no. 233; 1978, p. 18-19
630.72 K419p

1961. Ely, D.G.
Deweese, W.P.
Thomas, R.J.
Glenn, B.P.
Robb, T.W.
Protein Levels for Late Lambs
Progress Report no. 233; 1978, p. 19-20
630.72 K419p

1962. Ely, D.G.
Bloomquist, C.R.
Deweese, W.P.
Performance of Ewes Grazing Boone Orchardgrass, Kentucky 31 Tall Fescue and Kenhy Tall Fescue at Different Intensities
Progress Report no. 233; 1978, p. 20-22
630.72 K419p

1963. Robb, T.W.
Ely, D.G.
Deweese, W.P.
Thomas, R.J.
Glenn, B.P.
Management Procedures for Artificial Rearing and Profiting from the Orphan Lamb
Progress Report no. 233; 1978, p. 22-23
630.72 K419p

1964. Thomas, R.J.
Ely, D.G.
Chappell, G.L.M.
Coccidiosis in Sheep
Progress Report no. 233; 1978, p, 23-24
630.72 K419p

1965. Thomas, R.J.
Ely, D.G.
Chappell, G.L.M.
Pregnancy Toxemia
Progress Report no. 233; 1978, p. 24-25
630.72 K419p

1966. Thomas, R.J.
Ely, D.G.
Chappell, G.L.M.
White Muscle Disease
Progress Report no. 233; 1978, p. 25
630.72 K419p

1967. Rieck, C.E.
Herron, J.W.
Weed Control in Alfalfa and Forage Crops
Progress Report no. 233; 1978, p. 26-27
630.72 K419p

1968. Beef Cattle Research Report, 1978
Progress Report no. 234; 1978, 31p.
630.72 K419p

1969. Pendlum, L.C.
Bradley, N.W.
Boling, J.A.
Levels and Efficacy of Monensin for Angus Cows Maintained on Supplemental Feed in Drylot
Progress Report no. 234; 1978, p. 5-6
630.72 K419p

1970. Pendlum, L.C.
Bradley, N.W.
Boling, J.A.
Monensin Blocks as a Supplement for Grazing Heifers
Progress Report no. 234; 1978, p. 7
630.72 K419p

1971. Pendlum, L.C.
Boling, J.A.
Bradley, N.W.
Performance of Growing Steers Fed Corn Silage Supplemented with Soybean Meal or Urea with or without Monensin
Progress Report no. 234; 1978, p. 8
630.72 K419p

1972. Oshidari, S.
Gay, N.
Boling, J.A.
Muir, W.
Influence of Fescue Varieties on Grazing Steers During Different Seasons
Progress Report no. 234; 1978, p. 9-10
630.72 K419p

1973. Boling, J.A.
Bradley, N.W.
Gay, N.
Influence of Lactobacillus sp. Fermentation Product on Feed Intake and Performance of Finishing Steers
Progress Report no. 234; 1978, p. 11
630.72 K419p

1974. Gay, N.
Oshidari, S.
Boling, J.A.
Bradley, N.W.
Muir, W.
Effect of Some Management Factors on Cow Herd-Productivity
Progress Report no. 234; 1978, p. 12-14
630.72 K419p

1975. Gay, N.
Bradley, N.W.
Absher, C.A.
Johns, J.T.
Some Alternative Cattle Finishing Systems for Kentucky
Progress Report no. 234; 1978, p. 15-16
630.72 K419p

1976. Stroud, R.F.
Mitchell, G.E.
Bradley, N.W.
Tucker, R.E.
Schelling, G.T.
Response of New Feeder Calves to Pasteurella Challenge, Cycloserine Treatment and Energy Supplementation
Progress Report no. 234; 1978, p. 17-19
630.72 K419p

1977. Lovell, D.R.
Mitchell, G.E.
Bradley, N.W.
Tucker, R.E.
Schelling, G.T.
Bovine Respiratory Disease in Pre-Conditioned Cattle
Progress Report no. 234; 1978, p. 20-21
630.72 K419p

1978. Linsey, T.O.
Schelling, G.T.
Spires, H.R.
Mitchell, G.E.
Tucker, R.E.
Modification of Ruminal Amino Acid Degradation by Antimicrobial Agents
Progress Report no. 234; 1978, p. 22
630.72 K419p

1979. Schelling, G.T.
Bruckner, G.
Mitchell, G.E.
Tucker, R.E.
Plasma Amino Acid Concentrations in Germ-Free and Conventional Ruminants
Progress Report no. 234; 1978, p. 23
630.72 K419p

1980. Boling, J.A.
Evans, J.M.
Bradley, N.W.
Growth and Efficiency of Steers Fed Oil-Coated Lysine
Progress Report no. 234; 1978, p. 24
630.72 K419p

1981. Van Hellen, R.W.
Mitchell, G.E.
Schelling, G.T.
Tucker, R.E.
Pancreatic Amylase Secretion by Growing Steers
Progress Report no. 234; 1978, p. 25-26
630.72 K419p

1982. Boling, J.A.
Evans, J.M.
Blood Serum Calcium and Magnesium Changes in Steers Intravenously and Intramuscularly Injected with Vitamin D
Progress Report no. 234; 1978, p. 27
630.72 K419p

1983. Boling, J.A.
Evans, J.M.
Blood Serum Calcium and Magnesium Changes in Steers Intravenously and Intramuscularly Injected with Vitamin D
Progress Report no. 234; 1978, p. 27
630.72 K419p

1984. Schelling, G.T.
Cooper, E.D.
Mitchell, G.E.
Tucker, R.E.
Modification of Ruminant Metabolic Fecal Nitrogen by Dietary Fiber Levels
Progress Report no. 234; 1978, p. 28
630.72 K419p

1985. Evans, J.M.
Boling, J.A.
Effect of Age on Plasma Nitrogen Constituents in Ewes Fed Two Levels of Protein
Progress Report no. 234; 1978, p. 29
630.72 K419p

1986. Bruckner, G.
Mitchell, G.E.
Tucker, R.E.
Schelling, G.T.
Grunewald, K.K.
Essential Fatty Acid Deficiency in Ruminants
Progress Report no. 234; 1978, p. 30-31
630.72 K419p

1987. Smiley, J.H.
Wallace, A.M.
Calvert, J.R.
Collins, G.B.
Litton, C.C.
Kentucky Burley Tobacco Variety Tests 1972-1977
Progress Report no. 235; 1978, 11p.
630.72 K419p

1988. Reicosky, D.A.
Wood, J.M.
Tutt, C.R.
Kentucky Soybean Performance Tests, 1978
Progress Report no. 236; 1978, 17p.
630.72 K419p

1989. Beck, R.L.
Alvis, R.G.
Effects of Private Label Brands of Milk on the Fluid Milk Industry
Progress Report no. 237; 1979 19p.
630.72 K419p

1990. Poneleit, C.G.
Evans, K.O.
Kentucky Hybrid Corn Performance Test, 1978
Progress Report no. 238; 1978, 32p.
630.72 K419p

1991. Taylor, N.L.
Sigafus, R.E.
Kentucky Forage Variety Trials, 1978
Progress Report no. 239; 1979, 14p.
630.72 K419p

1992. Vian, W.E.
Finkner, V.C.
Tutt, C.R.
Kentucky Small Grain Variety Trials, 1978
Progress Report no. 240; 1979, 32p.
630.72 K419p

1993. Sheeprofit Day: May 24, 1979 - Proceedings
Progress Report no. 241; 1979, 36p.
630.72 K419p

1994. Ely, D.G.
Sheep Program at the University of Kentucky: Sheeprofits for Kentuckians through Research, Teaching and Extension
Progress Report no. 241; 1979 p. 5-7
630.72 K419p

1995. Robb, T.W.
Deweese, W.P.
Ely, D.G.
Thomas, R.J.
Glenn, B.P.
Incorporation of a Bacterial Inoculant into Creep Feed of Artificially Reared Lambs
Progress Report no. 241; 1979 p. 8
630.72 K419p

1996. Glenn, B.P.
Ely, D.G.
Deweese, W.P.
Thomas, R.J.
Robb, T.W.
Digestible Protein Digestible Energy Ratios for Early-Weaned, Finishing Lambs
Progress Report no. 241; 1979 p. 9-10
630.72 K419p

1997. Beede, D.K.
Schelling, G.T.
Mitchell, G.E.
Tucker, R.E.
Dietary Protein Utilization in Growing Goats Fed Monensin
Progress Report no. 241; 1979 p. 11-13
630.72 K419p

1998. Glenn, B.P.
Ely, D.G.
Sulfur Nitrate and Starch Supplementation of Tall Fescue for the Ovine
Progress Report no. 241; 1979, p. 14
630.72 K419p

1999. Robb, T.W.
Ely, D.G.
Rieck, C.E.
Thomas, R.J.
Glenn, S.
Glenn, B.P.
Nutrient Utilization in Sheep Fed Fescue Treated with a Plant Growth Regulator
Progress Report no. 241; 1979, p. 15-17
630.72 K419p

2000. Thomas, R.J.
Ely, D.G.
Glenn, B.P.
Bloomquist, C.R.
Robb, T.W.
Utilization of Poor Quality Roughage in Lambs as Affected by Different Levels of DDS and Starch
Progress Report no. 241; 1979, p. 18-19
630.72 K419p

2001. Thomas, R.J.
Ely, D.G.
Glenn, B.P.
Robb, T.W.
Use of High Calcium Diets for Growing and Finishing Lambs
Progress Report no. 241; 1979, p. 20-21
630.72 K419p

2002. Thomas, R.J.
Ely, D.G.
Boling, J.A.
Robb, T.W.
Glenn, B.P.
Liver and Blood Mineral Levels in Lambs Fed Supplemental Magnesium and Injected with Vitamin D_3
Progress Report no. 241; 1979, p. 22
630.72 K419p

2003. Harris, S.J.
Tucker, R.E.
Mitchell, G.E.
Schelling, G.T.
Magnesium Utilization in Sheep with Different Sources of Dietary Nitrogen
Progress Report no. 241; 1979, p. 23-25
630.72 K419p

2004. Moody, W.G.
Kemp, J.D.
Mahyuddin, M.
Johnston, D.M.
Ely, D.G.
Effect of Feeding Systems, Slaughter Weight and Sex on Histological Properties of Lamb Carcasses
Progress Report no. 241; 1979, p. 26-27
630.72 K419p

2005. Solomon, M.B.
Kemp, J.D.
Ely, D.G.
Moody, W.G.
Fox, J.D.
Carcass and Meat Characteristics of Lambs of Different Breed Crosses, Weight and Sex
Progress Report no. 241; 1979, p. 29-31
630.72 K419p

2006. Evans, J.M.
Boling, J.A.
Metabolizable Nitrogen Availability in Aging Ewes
Progress Report no. 241; 1979, p. 32-33
630.72 K419p

2007. Evans, J.M.
Boling, J.A.
Effect of Age and Dietary Protein Level on Incorporation of ^{14}C into Plasma Proteins
Progress Report no. 241; 1979, p. 34
630.72 K419p

2008. Ely, D.G.
Deweese, W.P.
Glenn, B.P.
Robb, T.W.
Thomas, R.J.
Dietary Energy Levels for Lactating Ewes
Progress Report no. 241; 1979, p. 35-36
630.72 K419p

2009. Beef Cattle Research Report, 1979
Progress Report no. 242; 1979, 46p.
630.72 K419p

2010. Gray, E.F.
Thrift, F.A.
Absher, C.W.
Heterosis Expression for Preweaning Traits Under Commercial Beef Cattle Conditions
Progress Report no. 242; 1979, p. 5-6
630.72 K419p

2011. Thrift, F.A.
Gallion, S.R.
Absher, C.W.
Breed of Sire and Dam Comparisons for Preweaning Traits under Commercial Beef Cattle Conditions
Progress Report no. 242; 1979, p. 7-9
630.72 K419p

2012. Absher, C.
Gay, N.
Johns, J.
Systems for Preconditioning Weanling Calves
Progress Report no. 242; 1979, p. 10-12
630.72 K419p

2013. Gay, N.
Boling, J.A.
Bradley, N.W.
Overfield, J.R.
Influence of Niacin Additions to a Finishing Ration for Yearling Steers
Progress Report no. 242; 1979, p. 13-14
630.72 K419p

2014. Talbert, M.J.
Gay, N.
Bradley, N.W.
Laughren, L.
Harris, S.
Effects of Monesin on Pasture and Feedlot Performance of Growing, Finishing Steers
Progress Report no. 242; 1979, p. 15-17
630.72 K419p

2015. Gay, N.
Bradley, N.W.
Overfield, J.R.
Narasin and Monensin for Feedlot Steers
Progress Report no. 242; 1979, p. 18-19
630.72 K419p

2016. DeGregorio, R.M.
Tucker, R.E.
Mitchell, G.E.
Schelling, G.T.
Antagonists toward Renal Conservation of Magnesium in Ruminants
Progress Report no. 242; 1979, p. 20
630.72 K419p

2017. Ritter, R.J.
Boling, J.A.
Gay, N.
Bradley, N.W.
Lacefield, G.D.
Murdock, L.
Foliar Application of Magnesium (NMG) to Tall Fescue Pastures as a Grass Tetany Preventative for Beef Cows
Progress Report no. 242; 1979, p. 21-22
630.72 K419p

2018. Yeargen, M.R.
Oshidari, S.
Mitchell, G.E.
Tucker, R.E.
Schelling, G.T.
Hemken, R.W.
Vitamin E in Milk of Cows Treated with Vitamin A or Linoleic Acid
Progress Report no. 242; 1979, p. 23-24
630.72 K419p

2019. Oshidari, S.
Mitchell, G.E.
Tucker, R.E.
Schelling, G.T.
Pre-intestinal Disappearance of Vitamin A in Steers with and without Supplemental Linoleic Acid
Progress Report no. 242; 1979, p. 25
630.72 K419p

2020. Koenig, S.E.
Schelling, G.T.
Tucker, R.E.
Mitchell, G.E.
Estimating Microbial Protein Synthesis in Ruminants
Progress Report no. 242; 1979, p. 26-27
630.72 K419p

2021. Lindsey, T.O.
Schelling, G.T.
Mitchell, G.E.
Tucker, R.E.
Amino Acid-Sparing Activity of Monensin and Chlortetracycline in Ruminants
Progress Report no. 242; 1979, p. 28-30
630.72 K419p

2022. Gay, N.
Bradley, N.W.
Boling, J.A.
Moody, W.G.
Forage-Grain Combinations for Producing Slaughter Beef
Progress Report no. 242; 1979, p. 31-32
630.72 K419p

2023. McMillan, M.
Moody, W.G.
Gay, N.
Fox, J.D.
Beef from Forage vs Forage Grain Fed Cattle. 1. Production and Carcass Characteristics
Progress Report no. 242; 1979, p. 33-34
630.72 K419p

2024. McMillan, M.
Moody, W.G.
Langlois, B.E.
Fox, J.D.
Gay, N.
Beef from Forage vs Forage Grain Fed Cattle. 2. Shrinkage and Microbial Growth
Progress Report no. 242; 1979, p. 35
630.72 K419p

2025. Spilman, D.
Fox, J.D.
Moody, W.G.
Gay, N.
Beef from Forage vs Forage Grain Fed Cattle. 3. Tenderness and Vitamin Content
Progress Report no. 242; 1979, p. 36-37
630.72 K419p

2026. Pooler, R.L.
Laughren, L.C.
Boling, J.A.
Bradley, N.W.
Ronnel and Monensin as Feed Additives to a Finishing Ration for Steers
Progress Report no. 242; 1979, p. 38-40
630.72 K419p

2027. Parker, R.
Estrous Synchronization: If and When, Why and How
Progress Report no. 242; 1979, p. 41-46
630.72 K419p

2028. Vian, W.E.
Finkner, V.C.
Tutt, C.R.
Kentucky Small Grain Variety Trials, 1979
Progress Report no. 243; 1979, 27p.
630.72 K419p

2029. Orf, J.H.
Wood, J.M.
Tutt, C.R.
Reicosky, D.A.
Kentucky Soybean Performance Tests, 1979
Progress Report no. 244; 1979, 19p.
630.72 K419p

2030. Poneleit, C.G.
Evans, K.O.
Kentucky Hybrid Corn Performance Test, 1979
Progress Report no. 245; 1979, 30p.
630.72 K419p

2031. Kentucky Forage Variety Trials, 1979
Progress Report no. 246; 1980, 31p.
630.72 K419p

2032. Sigafus, R.E.
Taylor, N.L.
Kentucky Forage Variety Trials, 1979
Progress Report no. 246; 1980, p. 1-18
630.72 K419p

2033. Buckner, R.C.
Burrus, P. B.
Bush, L.P.
Grass Variety Trials
Progress Report no. 246; 1980, p. 19-26
630.72 K419p

2034. Taylor, T.H.
Cornelius, P. L.
Templeton, W.C.
Switchgrass Variety — Management Trial
Progress Report no. 246; 1980, p. 27-29
630.72 K419p

2035. Taylor, T.H.
Templeton, W.C.
Trefoil Variety Comparison in a Renovation Study
Progress Report no. 246; 1980, p. 30-31
630.72 K419p

2036. Roberts, C.R.
Richardson, J.
Wild Ginseng in Kentucky 1978-1979
Progress Report no. 247; 1980, 23p.
630.72 K419p

2037. Proceedings 1980 Sheeprofit Day; May 22, 1980
Progress Report no. 248; 1980, 31p.
630.72 K419p

2038. Robb, T.W.
Glenn, B.P.
Ely, D.G.
Milk Replacer Fat Levels for Orphan Lambs
Progress Report no. 248; 1980, p. 5-6
630.72 K419p

2039. Ely, D.G.
Deweese, W.P.
Glenn, B.P.
Robb, T.W.
Thomas, R.J.
High Calcium Diets for Growing Lambs
Progress Report no. 248; 1980, p. 7-8
630.72 K419p

2040. Ely, D.G.
Deweese, W.P.
Glenn, B.P.
Buckner, R.C.
Thomas, R.J.
Robb, T.W.
Potential Use of Pure Stands of Boone Orchardgrass, Kenhy, and G1-307 Tall Fescue Forage by Early-Weaned Lambs
Progress Report no. 248; 1980, p. 9-10
630.72 K419p

2041. Ely, D.G.
Deweese, W.P.
Thomas, R.J.
Glenn, B.P.
Robb, T.W.
Buckner, R.C.
Supplemental Energy for Early-Weaned Lambs Grazing Grass-Legume Mixtures in Spring
Progress Report no. 248; 1980, p. 11-12
630.72 K419p

2042. Kemp, J.D.
Ely, D.G.
Fox, J.D.
Effect of Crossbreeding, Sex, and Weight on Lamb Carcass Characteristics
Progress Report no. 248; 1980, p. 13-15
630.72 K419p

2043. Koenig, J.M.
Boling, J.A.
Blood Changes in Lambs During the Stress of Fasting
Progress Report no. 248; 1980, p. 16-18
630.72 K419p

2044. Glenn, B.P.
Ely, D.G.
Abomasal Recovery of Nitrogen and Sulfur Components from Tall Fescue
Progress Report no. 248; 1980, p. 19-20
630.72 K419p

2045. Glenn, B.P.
Ely, D.G.
Glenn, S.
Ruminal Availability of Tall Fescue Sulfur
Progress Report no. 248; 1980, p. 21-22
630.72 K419p

2046. Goshtasbpour-Parsi, B.G.
Ely, D.G.
Rieck, C.E.
Robb, T.W.
Glenn, B.P.
Thomas, R.J.
Influence of Weed Content of Alfalfa Hay on Nutrient Utilization by Lambs
Progress Report no. 248; 1980, p. 23-24
630.72 K419p

2047. Lewis, M.A.
Ely, D.G.
Robb, T.W.
Supplementation of Low Quality Roughage Rations for Sheep
Progress Report no. 248; 1980, p. 25-27
630.72 K419p

2048. Deweese, W.P.
Ely, D.G.
Kemp, J.D.
Production of Ewes of Two Mature Sizes
Progress Report no. 248; 1980, p. 28-29
630.72 K419p

2049. Koenig, J.M.
Boling, J.A.
Effect of Dietary Protein-Calorie Ratio on the Efficiency of Metabolizable Energy Utilization in Young and Old Ewes
Progress Report no. 248; 1980, p. 30-31
630.72 K419p

2050. 1980 Dairy Research Proceedings
Progress Report no. 249; 1980, 27p.
630.72 K419p

2051. Heersche, G.
Olds, D.
Estrous Synchronization and Artificial Insemination of Dairy Heifers
Progress Report no. 249; 1980, p. 5-7
630.72 K419p

2052. Taraba, J.L.
Waste Management System and the University of Kentucky Heifer Facility
Progress Report no. 249; 1980, p. 8-9
630.72 K419p

2053. Fehr, R.L.
UK Heifer Barn
Progress Report no. 249; 1980, p. 10-12
630.72 K419p

2054. Harmon, R.J.
Langlois, B.E.
Somatic Cell Counting and Mastitis Control
Progress Report no. 249; 1980, p. 13-14
630.72 K419p

2055. Clark, P. W.
Alternate Systems of Preserving Forage Crops
Progress Report no. 249; 1980, p. 15-16
630.72 K419p

2056. Evans, J.K.
Baled Alfalfa Silage
Progress Report no. 249; 1980, p. 17
630.72 K419p

2057. Hemken, R.W.
Erdman, R.A.
Lane, G.T.
Buffers for Lactating Cows
Progress Report no. 249; 1980, p. 18
630.72 K419p

2058. Aylward, E.B.
McClain, E.
Maintaining Milk Quality
Progress Report no. 249; 1980, p. 19-20
630.72 K419p

2059. Crist, W.L.
Lewis, P.
Parlor Problems, Teat Dips, and Milk Iodine Content
Progress Report no. 249; 1980, p. 21-22
630.72 K419p

2060. Bitzer, M.J.
Small Grain Forages for Silage
Progress Report no. 249; 1980, p. 23
630.72 K419p

2061. Sweeney, T.F.
Hemken, R.W.
Zeolite in Calf Rations
Progress Report no. 249; 1980, p. 24
630.72 K419p

2062. Button, F.S.
Calf Housing
Progress Report no. 249; 1980, p. 25
630.72 K419p

2063. Olds, D.
Edgerton, L.A.
Graves, W.M.
What Does It Take To Catch Your Cows in Heat?
Progress Report no. 249; 1980, p. 26
630.72 K419p

2064. Edgerton, L.
Olds, D.
Prime Time and the Postpartum Anestrous Cow or If You Read "What is Required to Catch Cows in Heat" You Won't Want to Miss the Made-For-TV Movie
Progress Report no. 249; 1980, p. 27
630.72 K419p

2065. Vian, W.E.
Finkner, V.C.
Tutt, C.R.
Roberts, W.H.
Tichenor, K.M.
Kentucky Small Grain Variety Trials, 1980
Progress Report no. 250; 1980, 24p.
630.72 K419p

2066. Ponceleit, C.G.
Evans, K.O.
Kentucky Hybrid Corn Performance Test, 1980
Progress Report no. 251; 1980, 31p.
630.72 K419p

2067. Orf, J.H.
Wood, J.M.
Tutt, C.R.
Kentucky Soybean Performance Tests, 1980
Progress Report no. 252; 1980, 20p.
630.72 K419p

2068. Kentucky Forage Variety Trials, 1980
Progress Report no. 253; 1981, 39p.
630.72 K419p

2069. Sigafus, R.E.
Taylor, N.L.
Kentucky Forage Variety Trials — 1980
Progress Report no. 253; 1981, p. 3-6
630.72 K419p

2070. Sigafus, R.E.
Taylor, N.L.
Legume Variety Trials
Progress Report no. 253; 1981, p. 7-30
630.72 K419p

2071. Buckner, R.C.
Burrus, P. B.
Bush, L.P.
Grass Variety Trials
Progress Report no. 253; 1981, p. 31-39
630.72 K419p

2072. Beef Cattle, Dairy, and Sheep Research Report
Progress Report no. 254; 1981, 78p.
630.72 K419p

2073. Bradley, N.W.
Dougherty, C.T.
Boling, J.A.
Gay, N.
Preweaning Performance of Cows and Calves as Influenced by Breed Type and Kind of Pasture
Progress Report no. 254; 1981, p. 5-6
630.72 K419p

2074. Ritter, R.J.
Gay, N.
Boling, J.A.
Overfield, J.R.
Effect of Winter Magnesium Supplementation on Subsequent Grass Tetany in Spring-Grazing Beef Cows
Progress Report no. 254; 1981, p. 7-8
630.72 K419p

2075. Bradley, N.W.
Boling, J.A.
Gay, N.
Dougherty, C.T.
Systems of Finishing Weaned Calves
Progress Report no. 254; 1981, p. 9-10
630.72 K419p

2076. Koenig, J.M.
Bradley, N.W.
Boling, J.A.
Rumensin® and Tylan® for Growing-Finishing Steers Fed Corn Silage Diets
Progress Report no. 254; 1981, p. 11-12
630.72 K419p

2077. Bradley, N.W.
Boling, J.A.
Gay, N.
Harris, S.J.
Grain Supplement, Estradiol Implants and Rumensin® for Grazing Steers
Progress Report no. 254; 1981, p. 13-14
630.72 K419p

2078. Willis, C.M.
Boling, J.A.
Bradley, N.W.
Levels of Protein with and without Monensin for Finishing Steers Fed at Controlled Intake
Progress Report no. 254; 1981, p. 15-16
630.72 K419p

2079. Willis, C.M.
Koenig, J.M.
Bradley, N.W.
Boling, J.A.
Growing Cattle Fed Soybean Meal or Distillers Dried Grains/Solubles with or without Urea
Progress Report no. 254; 1981, p. 17-18
630.72 K419p

2080. Hemken, R.W.
Teh, T.H.
Mann, L.M.
Hatton, R.H.
Palatability of Sodium Bicarbonate when Added to Dairy Cow Rations
Progress Report no. 254; 1981, p. 19-20
630.72 K419p

2081. Harmon, R.J.
Somatic Cell Counts in Milk and Mastitis Control
Progress Report no. 254; 1981, p. 21
630.72 K419p

2082. Harmon, R.J.
Langlois, B.E.
Hemken, R.W.
Characterization of Mastitis-Causing Coagulase-Negative Staphylococci and Associated Somatic Cell Counts
Progress Report no. 254; 1981, p. 22
630.72 K419p

2083. Ely, D.G.
Deweese, W.P.
Glenn, B.P.
Robb, T.W.
Thomas, R.J.
Kemp, J.D.
Energy Supplementation of Spring Pastures for Finishing Early-Weaned Lambs
Progress Report no. 254; 1981, p. 23-25
630.72 K419p

2084. Hawkins, R.R.
Kemp, J.D.
Ely, D.G.
Carcass and Meat Characteristics of Crossbred Lambs from Ewes of Different Genetic Types
Progress Report no. 254; 1981, p. 26-27
630.72 K419p

2085. Willis, C.M.
Boling, J.A.
Dawson, K.A.
In vitro Ruminal Fermentation of Kenhy Fescue With Sulfur Coated Urea of Different Dissolution Rates
Progress Report no. 254; 1981, p. 29-30
630.72 K419p

2086. Willis, C.M.
Boling, J.A.
Nitrogen Utilization in Lambs Fed Tall Fescue Supplemented with Sulfur Coated Urea
Progress Report no. 254; 1981, p. 31-32
630.72 K419p

2087. Willis, C.M.
Boling, J.A.
Gay, N.
Performance of Growing Calves Fed Corn Silage Supplemented with Sulfur Coated Urea of Different Dissolution Rates
Progress Report no. 254; 1981, p. 33
630.72 K419p

2088. Willis, C.M.
Boling, J.A.
Harris, S.J.
Bradley, N.W.
Sulfur Coated Urea in a Cottonseed Hull-Corn Base Diet for Growing Steers
Progress Report no. 254; 1981, p. 34-35
630.72 K419p

2089. Willis, C.M.
Boling, J.A.
Dawson, K.A.
Ammonia Release Curves in Calves Fed Different Nitrogen Sources
Progress Report no. 254; 1981, p. 36-37
630.72 K419p

2090. Willis, C.M.
Boling, J.A.
Bradley, N.W.
Harris, S.J.
Performance of Growing Steers Fed Corn-Cottonseed Hull Diets Containing Different Nitrogen Sources with or without Sulfur
Progress Report no. 254; 1981, p. 38
630.72 K419p

2091. DeGregorio, R.M.
Tucker, R.E.
Mitchell, G.E.
Gill, W.W.
Carbohydrate Fermentation in the Large Intestine of Lambs
Progress Report no. 254; 1981, p. 39-40
630.72 K419p

2092. DeGregorio, R.M.
Tucker, R.E.
Mitchell, G.E.
Gill, W.W.
Acetate and Propionate Production in the Large Intestine of Lambs
Progress Report no. 254; 1981, p. 41
630.72 K419p

2093. Gill, W.W.
Mitchell, G.E.
Tucker, R.E.
Boling, J.A.
DeGregorio, R.M.
Glucagon Mediated Sparing of Amino Acids in Ruminants
Progress Report no. 254; 1981, p. 42-43
630.72 K419p

2094. Johnson, D.D.
Mitchell, G.E.
Tucker, R.E.
Hemken, R.W.
Effect of Propionate on Insulin Release in Pre-Ruminating Calves
Progress Report no. 254; 1981, p. 44-45
630.72 K419p

2095. Muntifering, R.B.
Tucker, R.E.
Mitchell, G.E.
Meekins, K.M.
Comparative Evaluation of Acetyl Bromide Soluble Lignin and Conventional Digesta Flow Markers in Abomasal Passage Studies
Progress Report no. 254; 1981, p. 46-47
630.72 K419p

2096. Okagbue, R.N.
Mitchell, G.E.
Tucker, R.E.
Dawson, K.A.
Muntifering, R.B.
Cassava, Corn and Corn Starch Digestion by Washed Cell Suspensions of Ruminal Microorganisms
Progress Report no. 254; 1981, p. 48-49
630.72 K419p

2097. Smith, S.I.
Boling, J.A.
Nitrogen Retention and Plasma Methionine Concentrations in Lambs Fed Lipid-Coated Methionine
Progress Report no. 254; 1981, p. 50-51
630.72 K419p

2098. Teh, T.H.
Hemken, R.W.
Harmon, R.J.
Mechanism of Action of Buffers
Progress Report no. 254; 1981, p. 52-53
630.72 K419p

2099. Yeargen, M.R.
Mitchell, G.E.
Tucker, R.E.
Muntifering, R.B.
Hemken, R.W.
Meekins, K.M.
Vitamin A Secretion in Milk: Influence of Vitamin E
Progress Report no. 254; 1981, p. 54
630.72 K419p

2100. Robb, T.W.
Ely, D.G.
Rieck, C.E.
Glenn, S.
Kitchen, L.
Glenn, B.P.
Influence of Plant Growth Regulation on Kentucky 31 Tall Fescue Utilization by Ruminants
Progress Report no. 254; 1981, p. 55-57
630.72 K419p

2101. Glenn, B.P.
Ely, D.G.
Glenn, S.
Bush, L.P.
Hemken, R.W.
Bull, L.S.
Ruminal Availability of Tall Fescue Sulfur
Progress Report no. 254; 1981, p. 58-62
630.72 K419p

2102. Boling, J.A.
Gay, N.
Sulfur Additions to Energy and Protein Supplements for Growing Calves Fed Large Round Bales of Tall Fescue Hay
Progress Report no. 254; 1981, p. 63
630.72 K419p

2103. Jackson, J.A.
Hemken, R.W.
Boling, J.A.
Harmon, R.J.
Buckner, R.C.
Bush, L.P.
Loline Alkaloids in Tall Fescue Seed and their Relationship to Summer Fescue Toxicosis in Cattle
Progress Report no. 254; 1981, p. 64-65
630.72 K419p

2104. Willis, C.M.
Boling, J.A.
Hemken, R.W.
Bush, L.P.
Buckner, R.C.
Intake Response of Sheep Fed Orchardgrass Seed and G1-307 Fescue Seed
Progress Report no. 254; 1981, p. 66
630.72 K419p

2105. Deetz, L.E.
Tucker, R.E.
Mitchell, G.E.
DeGregorio, R.M.
Measurement of Renal Function and Magnesium Balance in Young and Old Cows
Progress Report no. 254; 1981, p. 67-68
630.72 K419p

2106. Deetz, L.E.
Tucker, R.E.
Mitchell, G.E.
Parathyroid Hormone and Insulin Activity in Cows Dosed with Potassium and Citrate
Progress Report no. 254; 1981, p. 69-70
630.72 K419p

2107. Hurley, W.L.
Edgerton, L.A.
Olds, D.
Hemken, R.W.
Dietary Phosphorus and Reproductive Hormones
Progress Report no. 254; 1981, p. 71-73
630.72 K419p

2108. Hurley, W.L.
Olds, D.
Edgerton, L.A.
Hemken, R.W.
Dietary Phosphorus and Estrous Behavior
Progress Report no. 254; 1981, p. 74-75
630.72 K419p

2109. Miksch, D.
Gay, N.
Parker, R.
Overfield, J.R.
Ritter, R.W.
Estrus Detection, Estrus Synchronization, and Artificial Insemination Observations
Progress Report no. 254; 1981, p. 76-78
630.72 K419p

2110. Proceedings 1981 Sheeprofit Day: May 21, 1981
Progress Report no. 255; 1981, 30p.
630.72 K419p

2111. Clay, T.
Chappell, G.L.M.
Deweese, W.P.
Ely, D.G.
Breeding Management Equals Lamb Dividends
Progress Report no. 255; 1981, p. 5-6
630.72 K419p

2112. Chappell, G.L.M.
Ely, D.G.
Deweese, W.P.
Clay, T.
Spending Pennies to Make Dollars (Balancing Rations for Profit Punch)
Progress Report no. 255; 1981, p. 7-8
630.72 K419p

2113. Deweese, W.P.
Chappell, G.L.M.
Ely, D.G.
Clay, T.
Raising More Hi-Profit Lambs
Progress Report no. 255; 1981, p. 9-10
630.72 K419p

2114. Ely, D.G.
Chappell, G.L.M.
Deweese, W.P.
Clay, T.
Forage Plus Lambs Equals Dollars in the Bank
Progress Report no. 255; 1981, p. 11-13
630.72 K419p

2115. Ely, D.G.
Lyons, E.T.
Drudge, H.
Deweese, W.P.
Pre-Weaning Performance of Lambs from Ewes Treated Intraorally with Levamisole at Lambing
Progress Report no. 255; 1981, p. 14-15
630.72 K419p

2116. Deweese, W.P.
Ely, D.G.
Kemp, J.D.
Production of Ewes of Two Mature Sizes
Progress Report no. 255; 1981, p. 16-17
630.72 K419p

2117. Hawkins, R.R.
Kemp, J.D.
Ely, D.G.
Deweese, W.P.
Carcass and Meat Characteristics of Crossbred Lambs from Ewes of Different Genetic Types
Progress Report no. 255; 1981, p. 18-19
630.72 K419p

2118. Ely, D.G.
Deweese, W.P.
Robb, T.W.
Benson, M.E.
Clay, T.
Early-Weaned Lamb Response to Different Dietary Calcium Levels
Progress Report no. 255; 1981, p. 20-21
630.72 K419p

2119. Ely, D.G.
Clay, T.
Deweese, W.P.
Robb, T.W.
Performance of Lambs Fed Distillers Dried Grains with Solubles (DDG/S)
Progress Report no. 255; 1981, p. 22-23
630.72 K419p

2120. Muntifering, R.B.
DeGregorio, R.M.
Deetz, L.E.
Lignin Digestibility by Lambs Fed Poor Quality Roughages
Progress Report no. 255; 1981, p. 24-25
630.72 K419p

2121. Glenn, B.P.
Ely, D.G.
Glenn, S.
Bush, L.P.
Hemken, R.
Improving Tall Fescue and Orchardgrass Ruminal Utilization with Sulfur Fertilization
Progress Report no. 255; 1981, p. 26-28
630.72 K419p

2122. Clay, T.
Ely, D.G.
Dougherty, C.
Evans, K.
Stone, M.
Deweese, W.P.
Feeding Large Round Hay Bales to Sheep
Progress Report no. 255; 1981, p. 29-30
630.72 K419p

2123. Roberts, C.R.
Richardson, J.
Wild Ginseng Monitoring Program in Kentucky: A Three-Year Summary
Progress Report no. 256; 1981, 20p.
630.72 K419p

2124. Finkner, V.C.
Van Sanford, D.A.
Tutt, C.R.
Kentucky Small Grain Variety Trials, 1981
Progress Report no. 257; 1981, 35p.
630.72 K419p

2125. Poneleit, C.G.
Evans, K.O.
Kentucky Hybrid Corn Performance Test, 1981
Progress Report no. 258; 1981, 31p.
630.72 K419p

2126. Wood, J.M.
Tutt, C.R.
Kentucky Soybean Performance Tests, 1981
Progress Report no. 259; 1982, 20p.
630.72 K419p

2127. Kentucky Forage Variety Trials, 1981
Progress Report no. 260; 1982, 40p.
630.72 K419p

2128. Sigafus, R.E.
Taylor, N.L.
Kentucky Forage Variety Trials — 1981
Progress Report no. 260; 1982, p. 3-10
630.72 K419p

2129. Sigafus, R.E.
Taylor, N.L.
Alfalfa Variety Trials
Progress Report no. 260; 1982, p. 11-19
630.72 K419p

2130. Sigafus, R.E.
Taylor, N.L.
Red Clover Variety Trials
Progress Report no. 260; 1982, p. 20-26
630.72 K419p

2131. Sigafus, R.E.
Taylor, N.L.
White Clover Variety Trial
Progress Report no. 260; 1982, p. 27-29
630.72 K419p

2132. Buckner, R.C.
Burrus, P. B.
Bush, L.P.
Grass Variety Trials
Progress Report no. 260; 1982, p. 30-37
630.72 K419p

2133. Taylor, T.H.
Jones, L.T.
Trefoil Variety Comparisons in a Renovation Study
Progress Report no. 260; 1982, p. 38-40
630.72 K419p

2134. Nielsen, M.T.
Litton, C.C.
Calvert, J.
Smiley, J.H.
1981 Kentucky Official Burley Tobacco Variety Tests
Progress Report no. 261; 1982, 8p.
630.72 K419p

2135. Proceedings 1982 Sheeprofit Day: May 20, 1982
Progress Report no. 262; 1982, 42p.
630.72 K419p

2136. Vimini, R.J.
American Red Meat and Lamb Consumption
Progress Report no. 262; 1982, p. 3
630.72 K419p

2137. Deweese, W.P.
Clay, T.
Chappell, G.L.M.
Ely, D.G.
Contagious Foot Rot in Sheep
Progress Report no. 262; 1982, p. 4-5
630.72 K419p

2138. LaBore, D.E.
Chappell, G.L.M.
Control Internal Parasites through Total Management
Progress Report no. 262; 1982, p. 6-7
630.72 K419p

2139. Clay, T.
Deweese, W.P.
Ely, D.G.
Chappell, G.L.M.
Ewe and Ram Selection
Progress Report no. 262; 1982, p. 8-9
630.72 K419p

2140. Ely, D.G.
Deweese, W.P.
Chappell, G.L.M.
Clay, T.
Management of Summer Lambs
Progress Report no. 262; 1982, p. 10-11
630.72 K419p

2141. Kemper, K.
Ely, D.G.
Deweese, W.P.
Dawson, K.A.
Raising Healthier Newborn Lambs
Progress Report no. 262; 1982, p. 12
630.72 K419p

2142. Coffey, K.P.
Robb, T.W.
Ely, D.G.
Benson, M.E.
Protein: Fat Ratios in Milk Replacers for Artificially Reared Lambs
Progress Report no. 262; 1982, p. 13-15
630.72 K419p

2143. Johnson, D.D.
Gill, W.W.
Mitchell, G.E.
Dawson, K.A.
Muntifering, R.B.
Sodium Propionate and Formalin as Preservatives in Lamb Milk Replacer
Progress Report no. 262; 1982, p. 16-17
630.72 K419p

2144. Johnson, D.D.
Gill, W.W.
Mitchell, G.E.
Ely, D.G.
Robb, T.W.
Tucker, R.E.
Sodium Propionate as a Scour Preventative in Milk Replacer Diets
Progress Report no. 262; 1982, p. 18-19
630.72 K419p

2145. Gill, W.W.
Johnson, D.D.
Mitchell, G.E.
Robb, T.W.
Boling, J.A.
Alfalfa Hay and Sodium Bicarbonate in Lamb Starter Diets
Progress Report no. 262; 1982, p. 20-21
630.72 K419p

2146. Benson, M.E.
Robb, T.W.
Deweese, W.P.
Ely, D.G.
Clay, T.
Coffey, K.P.
Alleviation of Early-Weaning Stress in Lambs with Sodium Bicarbonate Supplementation
Progress Report no. 262; 1982, p. 22-23
630.72 K419p

2147. Smith, S.I.
Boling, J.A.
Response of Lambs Fed Captan at Different Time Intervals
Progress Report no. 262; 1982, p. 24-25
630.72 K419p

2148. Smith, S.I.
Boling, J.A.
Response of Lambs Fed Diets Supplemented with Difolatan
Progress Report no. 262; 1982, p. 26-27
630.72 K419p

2149. Reffett, J.K.
Boling, J.A.
Influence of High Dietary Levels of Sodium and Potassium on Magnesium and Nitrogen Metabolism in Lambs
Progress Report no. 262; 1982, p. 28-29
630.72 K419p

2150. Benson, M.E.
Ely, D.G.
Supplementation of Tall Fescue Hay Diets with Distillers Dried Grains with Solubles, Sulfur and/or Starch
Progress Report no. 262; 1982, p. 30-31
630.72 K419p

2151. Muntifering, R.B.
Burch, T.J.
Miller, B.G.
Meekins, K.M.
Improving the Nutritive Value of Poor Quality Forage by Reconstitution and Ensiling with Whole Stillage
Progress Report no. 262; 1982, p. 32-34
630.72 K419p

2152. Ely, D.G.
Lyons, E.T.
Drudge, H.
Deweese, W.P.
Clay, T.
Productivity of Ewes Treated Intraorally with Levamisole at Lambing
Progress Report no. 262; 1982, p. 35-36
630.72 K419p

2153. Vimini, R.J.
Kemp, J.D.
Ely, D.G.
Deweese, W.P.
Importance of Body Size in Selection of Farm Flock Ewes
Progress Report no. 262; 1982, p. 37
630.72 K419p

2154. Vimini, R.J.
Kemp, J.D.
Ely, D.G.
Deweese, W.P.
Subjective Appraisal of Frame Size and Body Condition in Brood Ewes
Progress Report no. 262; 1982, p. 38-39
630.72 K419p

2155. Vimini, R.J.
Kemp, J.D.
Ely, D.G.
Deweese, W.P.
Influence of Maternal Nutritional Stress on Ewe Performance and Lamb Growth and Development
Progress Report no. 262; 1982, p. 40-41
630.72 K419p

2156. Deweese, W.P.
Ely, D.G.
Kemp, J.D.
Production of Ewes of Two Mature Sizes
Progress Report no. 262; 1982, p. 42
630.72 K419p

2157. Beck, R.L.
Kentucky's Manufacturing Milk Industry: Structure, Trends, and Issues
Progress Report no. 263; 1982, 19p.
630.72 K419p

2158. 1982 Dairy Research Report
Progress Report no. 264; 1982, 27p.
630.72 K419p

2159. Hemken, R.W.
Lane, G.T.
O'Leary, J.
Dougherty, C.T.
Evans, J.K.
Bitzer, M.J.
Production and Use of Soybeans and Milo for Silage
Progress Report no. 264; 1982, p. 5
630.72 K419p

2160. Edgerton, L.A.
Olds, D.
Estrous Cycles in Postpartum Dairy Cows
Progress Report no. 264; 1982, p. 6
630.72 K419p

2161. Bremel, D.H.
Hemken, R.W.
Heersche, G.
Edgerton, L.A.
Olds, D.
Effect of Beta-Carotene Deficiency
Progress Report no. 264; 1982, p. 7
630.72 K419p

2162. Harmon, R.J.
Crist, W.L.
Improving Udder Health through Proper Hygiene and Dry Cow Management
Progress Report no. 264; 1982, p. 8-9
630.72 K419p

2163. Christensen, C.M.
Modern Methods of Fly Control in Dairy Herds
Progress Report no. 264; 1982, p. 10-12
630.72 K419p

2164. Aylward, E.B.
Prospects for Component Pricing of Dairy Products
Progress Report no. 264; 1982, p. 13
630.72 K419p

2165. Hicks, C.L.
O'Leary, J.
Aylward, E.B.
Langlois, B.E.
Low Temperature Milk Storage - its Effect on Cheese Yield
Progress Report no. 264; 1982, p. 14-15
630.72 K419p

2166. O'Leary, J.
Role of Additives in Silage Making
Progress Report no. 264; 1982, p. 16-17
630.72 K419p

2167. Dougherty, C.T.
Evans, J.K.
Establishment and Management of Alfalfa for Hay and Silage Production on Kentucky Dairy Farms
Progress Report no. 264; 1982, p. 18-20
630.72 K419p

2168. Evans, J.K.
Dougherty, C.T.
Hemken, R.W.
Duncan, G.A.
Round Baled Silage and High Moisture Hay
Progress Report no. 264; 1982, p. 21
630.72 K419p

2169. Buckner, R.C.
Jackson, J.A.
Update on Tall Fescue Varieties and Their Uses
Progress Report no. 264; 1982, p. 22
630.72 K419p

2170. Rogers, L.G.
Button, F.
Heersche, G.
Routine and Experimental Heat Detection Aids Utilized at the UK Dairy
Progress Report no. 264; 1982, p. 23
630.72 K419p

2171. Olson, K.E.
DHI Records Facilitate Management
Progress Report no. 264; 1982, p. 24
630.72 K419p

2172. O'Leary, J.
Leavitt, B.
Influence of Mastitis on Milk Production, Milk Quality, and Cheese Yield
Progress Report no. 264; 1982, p. 25
630.72 K419p

2173. LaBore, D.E.
Drudge, J.H.
Lyons, E.T.
Stomach Worm Disease of Cattle
Progress Report no. 264; 1982, p. 26-27
630.72 K419p

2174. 1982 Beef Cattle Research Report
Progress Report no. 265; 1982, 48p.
630.72 K419p

2175. Barnett, D.T.
Bradley, N.W.
Stone, R.M.
Effects of Rumensin and Level of Feed Intake on Gestating Beef Cows
Progress Report no. 265; 1982, p. 5-6
630.72 K419p

2176. Bradley, N.W.
Dougherty, C.T.
Boling, J.A.
Gay, N.
Stone, R.M.
Preweaning Performance of Cows and Calves as Influenced by Breed Type and Kind of Pasture: Two-Year Average Results
Progress Report no. 265; 1982, p. 7-8
630.72 K419p

2177. Miksch, D.
Gay, N.
Ritter, R.J.
Overfield, J.R.
Estrus Detection, Estrus Synchronization and Artificial Insemination Observations, 1981
Progress Report no. 265; 1982, p. 9-10
630.72 K419p

2178. Gay, N.
Seman, D.H.
Boling, J.A.
Bradley, N.W.
Overfield, J.R.
Effect of Some Management Factors on Cow Herd Productivity
Progress Report no. 265; 1982, p. 11-12
630.72 K419p

2179. Smith, S.I.
Boling, J.A.
Gay, N.
Cantor, A.H.
Performance of Growing Steers Grazing Tall Fescue and Supplemented with Sulfur and Selenium
Progress Report no. 265; 1982, p. 13-14
630.72 K419p

2180. Bradley, N.W.
Dougherty, C.T.
Stone, R.M.
Boling, J.A.
Gay, N.
Fescue or Fescue-Clover Pasture for Wintering Beef Brood Cows: Two-Year Average
Progress Report no. 265; 1982, p. 15
630.72 K419p

2181. Boling, J.A.
Smith, S.I.
Reffett, J.K.
Bradley, N.W.
Gay, N.
Lasalocid and Monensin Effects on Intake, Gain, and Efficiency of Growing Calves
Progress Report no. 265; 1982, p. 16
630.72 K419p

2182. Smith, W.L.
Gay, N.
Boling, J.A.
Muntifering, R.B.
Feedlot and Metabolism Study with Growing Beef Calves on Fescue Silage
Progress Report no. 265; 1982, p. 17-18
630.72 K419p

2183. Bradley, N.W.
Boling, J.A.
Gay, N.
Dougherty, C.T.
Systems of Finished Weaned Calves: Two-Year Average Results
Progress Report no. 265; 1982, p. 19-20
630.72 K419p

2184. Gay, N.
Bradley, N.W.
Boling, J.A.
Moody, W.G.
Producing Acceptable Beef with Different Forage-Grain Combinations
Progress Report no. 265; 1982, p. 21
630.72 K419p

2185. Bradley, N.W.
Gay, N.
Boling, J.A.
Stone, R.M.
Effects of Breed Type and Sex on Finishing Cattle on Pasture
Progress Report no. 265; 1982, p. 22-24
630.72 K419p

2186. Johns, J.T.
Gay, N.
Absher, C.W.
Kentucky Certified Preconditioned for Health Feeder Cattle Program
Progress Report no. 265; 1982, p. 25-27
630.72 K419p

2187. Johns, J.T.
Meyer, A.L.
Gay, N.
Costs of Marketing Slaughter Cattle through Alternative Methods: Results of Two Trials
Progress Report no. 265; 1982, p. 28-30
630.72 K419p

2188. Chenette, C.G.
Thrift, F.A.
Wyles, J.
Report of the Kentucky Central Bull Testing Station
Progress Report no. 265; 1982, p. 31-33
630.72 K419p

2189. Muntifering, R.B.
Miller, B.G.
Ely, D.G.
Meekins, K.M.
Reconstitution and Ensiling of Poor Quality Forage with Whole Stillage
Progress Report no. 265; 1982, p. 34-37
630.72 K419p

2190. Dawson, K.A.
Boling, J.A.
Selection of Monensin-Resistant Bacteria in the Rumen
Progress Report no. 265; 1982, p. 38
630.72 K419p

2191. Johnson, D.D.
Mitchell, G.E.
Tucker, R.E.
Muntifering, R.B.
Effect of Propionate on Plasma Glucose, Insulin, and Pancreatic Alpha-Amylase
Progress Report no. 265; 1982, p. 39-40
630.72 K419p

2192. Johnson, D.D.
Mitchell, G.E.
Tucker, R.E.
Muntifering, R.B.
Effect of pH Digestion of Various Starch Substrates by Pancreatic Alpha-Amylase
Progress Report no. 265; 1982, p. 41
630.72 K419p

2193. Reffett, J.K.
Smith, S.I.
Boling, J.A.
Blood Magnesium Response in Lambs Fed a Magnesium Chelate
Progress Report no. 265; 1982, p. 42
630.72 K419p

2194. Terashima, Y.
Tucker, R.E.
Deetz, L.E.
Muntifering, R.B.
Mitchell, G.E.
Plasma Magnesium and Glucose Response to Cold Exposure and Potassium Chloride Administration in Ruminants Fed a Magnesium-Deficient Diet
Progress Report no. 265; 1982, p. 43-44
630.72 K419p

2195. Terashima, Y.
Tucker, R.E.
Deetz, L.E.
DeGregorio, R.M.
Muntifering, R.B.
Mitchell, G.E.
Hypomagnesemia Induced by Cold Exposure
Progress Report no. 265; 1982, p. 45-46
630.72 K419p

2196. Deetz, L.E.
McGee, B.L.
Tucker, R.E.
Terashima, Y.
Mitchell, G.E.
Renal Function and Magnesium Balance in Young and Old Cows Given Sodium Nitrate
Progress Report no. 265; 1982, p. 47-48
630.72 K419p

2197. Van Sanford, D.A.
Finkner, V.C.
Tutt, C.R.
Roberts, W.H.
Tichenor, K.M.
1982 Kentucky Small Grain Variety Trials
Progress Report no. 266; 1982, 28p.
630.72 K419p

2198. Poneleit, C.G.
Evans, K.O.
1982 Kentucky Hybrid Corn Performance Test
Progress Report no. 267; 1982, 31p.
630.72 K419p

2199. Wood, J.M.
Tutt, C.R.
Pfeiffer, T.
Kentucky Soybean Performance Tests, 1982
Progress Report no. 268; 1983, 20p.
630.72 K419p

2200. Nielsen, M.T.
Litton, C.C.
Calvert, J.
Smiley, J.H.
1982 Kentucky Burley Tobacco Variety Tests
Progress Report no. 269; 1983, 11p.
630.72 K419p

2201. Proceedings 1983 Sheeprofit Day - May 19, 1983
Progress Report no. 270; 1983, 36p.
630.72 K419p

2202. Vimini, R.J.
Lamb We Eat
Progress Report no. 270; 1983, p. 3
630.72 K419p

2203. Ely, D.G.
Chappell, G.L.M.
Deweese, W.P.
Integrated Production Management of Sheep
Progress Report no. 270; 1983, p. 4-5
630.72 K419p

2204. Benson, M.E.
Ely, D.G.
Chappell, G.L.M.
Deweese, W.P.
Making Dollars and Sense of Sound Breeding Management
Progress Report no. 270; 1983, p. 6-8
630.72 K419p

2205. Dougherty, C.T.
Evans, J.K.
Chappell, G.L.M.
Forages for Sheep Production in Kentucky
Progress Report no. 270; 1983, p. 9-12
630.72 K419p

2206. Deweese, W.P.
Ely, D.G.
Chappell, G.L.M.
Managing Lambs for Maximum Profit
Progress Report no. 270; 1983, p. 13
630.72 K419p

2207. Chappell, G.L.M.
Moody, W.G.
Ely, D.G.
Deweese, W.P.
Marketing Lambs for the Top Dollar
Progress Report no. 270; 1983, p. 14-15
630.72 K419p

2208. Reckelhoff, D.S.
Boling, J.A.
Smith, S.I.
Blood Magnesium Response in Sheep Fed Magnesium Oxide or a Magnesium Chelate
Progress Report no. 270; 1983, p. 16-17
630.72 K419p

2209. Coffey, K.P.
Robb, T.W.
Ely, D.G.
Benson, M.E.
Carcass Composition and Nutrient Utilization by Artificially Reared Lambs Fed Milk Replacers with Different Protein: Fat Ratios
Progress Report no. 270; 1983, p. 18-19
630.72 K419p

2210. Benson, M.E.
Ely, D.G.
Coffey, K.P.
Muntifering, R.B.
Smith, T.J.
Nutrient Utilization of Growing Lamb Diets Supplemented with Distillers Dried Grains with Solubles
Progress Report no. 270; 1983, p. 20-22
630.72 K419p

2211. Benson, M.E.
Ely, D.G.
Deweese, W.P.
Clay, T.
Lamb Performance on Growing Diets Supplemented with Distillers Dried Grains with Solubles
Progress Report no. 270; 1983, p. 23-25
630.72 K419p

2212. Coffey, K.P.
Ely, D.G.
Dougherty, C.T.
Benson, M.E.
Lauriault, L.M.
Response of Lambs Fed Mefluidide Treated Tall Fescue
Progress Report no. 270; 1983, p. 26-28
630.72 K419p

2213. Coffey, K.P.
Ely, D.G.
Dougherty, C.T.
Benson, M.E.
Lauriault, L.M.
Quality of Tall Fescue Treated with Different Rates of Mefluidide
Progress Report no. 270; 1983, p. 29-30
630.72 K419p

2214. Vimini, R.J.
Kemp, J.D.
Ely, D.G.
Deweese, W.P.
Foundation Ewe Selection
Progress Report no. 270; 1983, p. 31-32
630.72 K419p

2215. Vimini, R.J.
Kemp, J.D.
Ely, D.G.
Deweese, W.P.
Influence of Frame Size and Maternal Nutritional Stress on Lamb Performance and Carcass Characteristics
Progress Report no. 270; 1983, p. 33-34
630.72 K419p

2216. Vimini, R.J.
Kemp, J.D.
Effect of Chloride Salt, Curing, and Mechanical Tenderizing on Physical and Sensory Properties of Restructured Lamb Rolls
Progress Report no. 270; 1983, p. 35-36
630.72 K419p

2217. Evans, J.K.
1983 Agronomy Research Report
Progress Report no. 271; 1983, 60p.
630.72 K419p

2218. Taylor, N.L.
Cornelius, P. B.
Collins, G.B.
Clover Breeding
Progress Report no. 271; 1983, p. 5
630.72 K419p

2219. Sigafus, R.E.
Taylor, N.L.
Lacefield, G.D.
Red Clover Variety Evaluation
Progress Report no. 271; 1983, p. 6
630.72 K419p

2220. Buckner, R.C.
Bush, L.P.
Burrus, P. B.
Eizenga, G.C.
Johnson, M.C.
Siegel, M.R.
Grass Breeding Research
Progress Report no. 271; 1983, p. 7
630.72 K419p

2221. Eizenga, G.C.
Buckner, R.C.
Hybridization for Developing Improved Tall Fescue Varieties
Progress Report no. 271; 1983, p. 8
630.72 K419p

2222. Sigafus, R.E.
Talley, W.A.
Taylor, N.L.
Lacefield, G.D.
Evans, J.K.
Alfalfa Variety Evaluation
Progress Report no. 271; 1983, p. 9
630.72 K419p

2223. Barney, P. E.
Bush, L.P.
Sulfate Absorption in Tall Fescue, Orchardgrass, and Alfalfa
Progress Report no. 271; 1983, p. 10
630.72 K419p

2224. Dougherty, C.T.
Evans, J.K.
Turner, G.M.
Lauriault, L.M.
Research in Baled Silage
Progress Report no. 271; 1983, p. 11-13
630.72 K419p

2225. Dougherty, C.T.
Evans, J.K.
Hemken, R.W.
Lauriault, L.M.
Button, F.S.
Performance of Dairy Heifers on Baled Legume Silage
Progress Report no. 271; 1983, p. 14
630.72 K419p

2226. Taylor, T.H.
Jones, L.T.
Compatibility of Switchgrass with Three Sod-Seeded Legumes
Progress Report no. 271; 1983, p. 15
630.72 K419p

2227. Taylor, T.H.
Jones, L.T.
Productivity and Persistence of Legume-Renovated Tall Fescue and Kentucky Bluegrass Sods
Progress Report no. 271; 1983, p. 16-17
630.72 K419p

2228. Bosworth, S.C.
Dougherty, C.T.
Effect of Soil Moisture Stress on the Vegetative Growth of Tall Fescue
Progress Report no. 271; 1983, p. 18-19
630.72 K419p

2229. Evangelou, V.P.
Establishing Vegetation on Acid Spoils of Eastern Kentucky
Progress Report no. 271; 1983, p. 20-21
630.72 K419p

2230. Evangelou, V.P.
Thom, W.O.
Renovation Techniques on Reclaimed Surface-Mined Coal Spoils: Perry County
Progress Report no. 271; 1983, p. 22-23
630.72 K419p

2231. Powell, A.J.
Tapp, L.
Turfgrass Cultivar Evaluations
Progress Report no. 271; 1983, p. 24
630.72 K419p

2232. Wells, K.L.
Acreage of No-Till Corn and Soybeans Grown in Kentucky
Progress Report no. 271; 1983, p. 25
630.72 K419p

2233. TeKrony, D.M.
Egli, D.B.
Wickham, D.A.
Vitous, A.M.
Effect of Seed Vigor on No-Till Corn Production
Progress Report no. 271; 1983, p. 26-27
630.72 K419p

2234. Earles, E.H.
Frye, W.W.
Murdock, L.W.
Blevins, R.L.
Effects of Nitrification Inhibitors and Placement of Nitrogen Fertilizer on Grain Yield in No-Till Corn
Progress Report no. 271; 1983, p. 28
630.72 K419p

2235. Grove, J.H.
Smith, M.S.
Wells, K.L.
Nitrogen Placement Management in No-Till Corn Production
Progress Report no. 271; 1983, p. 29
630.72 K419p

2236. Varco, J.J.
Frye, W.W.
Blevins, R.L.
Legume Cover Crops for No-Tillage Corn
Progress Report no. 271; 1983, p. 30
630.72 K419p

2237. Utomo, M.
Frye, W.W.
Effect of Cover Crops on Soil Moisture and Soil Temperature under No-Tillage Corn
Progress Report no. 271; 1983, p. 31
630.72 K419p

2238. Blevins, R.L.
Smith, M.S.
Frye, W.W.
Long-Term Influence of No-Tillage Corn Production on Soil Properties
Progress Report no. 271; 1983, p. 32
630.72 K419p

2239. Bitzer, M.J.
Poneleit, C.G.
Martin, T.
Effect of Irrigation, Row Width, and Plant Population on Corn Yields
Progress Report no. 271; 1983, p. 33
630.72 K419p

2240. Thom, W.O.
Evangelou, V.P.
Corn Yield on a Strip Mine
Progress Report no. 271; 1983, p. 34
630.72 K419p

2241. Grove, J.H.
Nitrogen-Tillage Responses of Crop Components in the Corn-Wheat-Doublecropped Soybean Rotation
Progress Report no. 271; 1983, p. 35
630.72 K419p

2242. Murdock, L.W.
Herbek, J.H.
Rasnake, M.
Talley, W.A.
Response of Corn and Soybeans to Irrigation
Progress Report no. 271; 1983, p. 36-37
630.72 K419p

2243. Herbek, J.H.
Murdock, L.W.
Talley, W.A.
Effect of Rotations on Corn and Soybean Yields
Progress Report no. 271; 1983, p. 38
630.72 K419p

2244. Evangelou, V.P.
Thom, W.O.
Egli, D.B.
Chemical Comparisons between an Agricultural Soil and Reclaimed Surface-Mined Coal Spoil as a Tool for Predicting Nutrient Availability
Progress Report no. 271; 1983, p. 39-40
630.72 K419p

2245. TeKrony, D.M.
Egli, D.B.
Tomes, L.J.
Stuckey, R.E.
Foliar Fungicides for Soybean Seed Production
Progress Report no. 271; 1983, p. 41-42
630.72 K419p

2246. Egli, D.B.
Pfeiffer, T.W.
Duration of Seed Filling in Soybeans
Progress Report no. 271; 1983, p. 43
630.72 K419p

2247. Pfeiffer, T.W.
Breeding Soybeans for Double-Crop Plantings
Progress Report no. 271; 1983, p. 44
630.72 K419p

2248. Egli, D.B.
Leggett, J.E.
Guffy, R.
Yield Reductions in Late Planted Soybeans
Progress Report no. 271; 1983, p. 45
630.72 K419p

2249. Bitzer, M.J.
Herbek, J.H.
Pilcher, D.
Pfeiffer, T.W.
Tutt, C.R.
Row Width Studies for Full-Season Soybeans
Progress Report no. 271; 1983, p. 46
630.72 K419p

2250. Pfeiffer, T.W.
Pilcher, D.
Bitzer, M.J.
Effect of Skip-Row and Run-Over on Full Season Soybean Yields in Narrow Rows
Progress Report no. 271; 1983, p. 47
630.72 K419p

2251. Herbek, J.H.
Murdock, L.W.
Frye, W.W.
Blevins, R.L.
Talley, W.A.
Soybean Tillage Study
Progress Report no. 271; 1983, p. 48
630.72 K419p

2252. Herbek, J.H.
Murdock, L.W.
Talley, W.A.
Tutt, C.R.
Stuckey, R.E.
Effect of Nitrogen on the Yield and Lodging of Some New Wheat Varieties
Progress Report no. 271; 1983, p. 49
630.72 K419p

2253. Grove, J.H.
Pulung, M.A.
Barnhisel, R.I.
Thom, W.O.
Nitrogen Response of Soft Red Winter Wheat in Several Soil Environments
Progress Report no. 271; 1983, p. 50
630.72 K419p

2254. Van Sanford, D.A.
Wheat Breeding and Genetics
Progress Report no. 271; 1983, p. 51
630.72 K419p

2255. Phillips, R.E.
Leggett, J.E.
Effects of Soil-Water Stress on Growth Assimilation and Partitioning of Nitrogen in Tobacco
Progress Report no. 271; 1983, p. 53
630.72 K419p

2256. Sims, J.L.
Calvert, J.R.
Band Application of Fertilizer to Burley Tobacco
Progress Report no. 271; 1983, p. 54
630.72 K419p

2257. MacKown, C.T.
Sims, J.L.
Soluble and Slow-Release Nitrogen Fertilizers for Burley Tobacco
Progress Report no. 271; 1983, p. 55
630.72 K419p

2258. Calvert, J.R.
Nielsen, M.T.
Litton, C.C.
Legg, P. D.
Burley Tobacco Variety Testing
Progress Report no. 271; 1983, p. 56
630.72 K419p

2259. Nielsen, M.T.
Litton, C.C.
Legg, P. D.
Burley Tobacco Breeding
Progress Report no. 271; 1983, p. 57
630.72 K419p

2260. Legg, P. D.
Litton, C.C.
Nielsen, M.T.
Everette, G.A.
Dark Tobacco Breeding Research
Progress Report no. 271; 1983, p. 58
630.72 K419p

2261. Hildebrand, D.F.
Collins, G.B.
Molecular Biology for Plant Breeding: An Integrated Approach to Crop Improvement
Progress Report no. 271; 1983, p. 59
630.72 K419p

2262. Collins, G.B.
Tissue and Cell Culture of Agronomic Crops
Progress Report no. 271; 1983, p. 60
630.72 K419p

2263. 1983 Beef Cattle Research Report
Progress Report no. 272; 1983, 52p.
630.72 K419p

2264. Miksch, E.D.
Gay, N.
Estrus Detection, Estrus Synchronization, and Artificial Insemination Observations
Progress Report no. 272; 1983, p. 5-7
630.72 K419p

2265. Gay, N.
Seman, D.H.
Boling, J.A.
Bradley, N.W.
Management and Nutrition Factors Influencing Cow Herd Productivity
Progress Report no. 272; 1983, p. 8-9
630.72 K419p

2266. Bradley, N.W.
Dougherty, C.T.
Boling, J.A.
Gay, N.
Stone, R.M.
Preweaning Performance of Cows and Calves as Influenced by Breed Type and Kind of Pasture
Progress Report no. 272; 1983, p. 10
630.72 K419p

2267. Bradley, N.W.
Dougherty, C.T.
Stone, R.M.
Boling, J.A.
Gay, N.
Fescue or Fescue-Clover Pasture for Wintering Beef Brood Cows
Progress Report no. 272; 1983, p. 11-12
630.72 K419p

2268. Gay, N.
Lacefield, G.D.
Boling, J.A.
Buckner, R.C.
Grazing Studies with Yearling Heifers
Progress Report no. 272; 1983, p. 13
630.72 K419p

2269. Gay, N.
Boling, J.A.
Miksch, E.D.
Additives for Preconditioning and Backgrounding Weanling Calves
Progress Report no. 272; 1983, p. 14-15
630.72 K419p

2270. Wahab, A.A.
Dougherty, C.T.
Bardley, N.W.
Grazing Behavior of Beef Cattle on Tall Fescue Pastures
Progress Report no. 272; 1983, p. 16
630.72 K419p

2271. Johnson, D.D.
Bradley, N.W.
Boling, J.A.
Stone, R.M.
Effects of Space and Bedding on Steer Performance
Progress Report no. 272; 1983, p. 17-18
630.72 K419p

2272. Burris, W.R.
Lacefield, G.D.
Ammonia Treatment of Fescue Hay at Two Moisture Levels
Progress Report no. 272; 1983, p. 19-20
630.72 K419p

2273. Burris, W.R.
Johns, J.T.
Absher, C.W.
Miksch, E.D.
On-Farm Trials with Growth Stimulating Implants
Progress Report no. 272; 1983, p. 21-22
630.72 K419p

2274. Johns, J.T.
Absher, C.W.
Wyles, J.
Poley, J.
Snyder, T.
Use of a High Rumen Bypass Protein Supplement for Starting Calves on a Backgrounding Ration
Progress Report no. 272; 1983, p. 23
630.72 K419p

2275. Meyer, A.L.
Johns, J.T.
Graded and Grouped Feeder Cattle Sales
Progress Report no. 272; 1983, p. 24-25
630.72 K419p

2276. Hodge, D.L.
Absher, C.W.
Combs, E.S.
Crawford, T.
Henderson Settlement Comprehensive Cow-Calf Demonstration — Bell County
Progress Report no. 272; 1983, p. 26-27
630.72 K419p

2277. Burris, W.R.
Lacefield, G.D.
Miksch, E.D.
Absher, C.W.
Johns, J.T.
Rasnake, M.
Comprehensive Cow-Calf Management Demonstrations
Progress Report no. 272; 1983, p. 28
630.72 K419p

2278. Gill, W.W.
Stocking Appalachia. 1. Reclaimed Land for Animal Agriculture
Progress Report no. 272; 1983, p. 29-30
630.72 K419p

2279. Absher, C.W.
Stocking Appalachia. 2. Cow-Calf Management Phase
Progress Report no. 272; 1983, p. 30
630.72 K419p

2280. Johns, J.T.
Leopold, M.
Absher, C.W.
Toomey, B.
McGrew, D.
Stocking Appalachia. 3. A Cooperative Grazing Demonstration in the Daniel Boone National Forest
Progress Report no. 272; 1983, p. 30-31
630.72 K419p

2281. Chenette, C.G.
Absher, C.W.
Byars, J.
Hayse, S.
1982 Kentucky Beef Herd Improvement Program
Progress Report no. 272; 1983, p. 32-37
630.72 K419p

2282. Hollis, J.H.
Dawson, K.A.
Knapp, F.W.
Effects of Bacteria in Bovine Feces on Growth and Development of the Face Fly
Progress Report no. 272; 1983, p. 38
630.72 K419p

2283. Muntifering, R.B.
Smith, S.I.
Boling, J.A.
Effect of Elemental Sulfur Supplementation on Digestibility and Metabolism of Early Vegetative and Fall-Accumulated Regrowth Fescue Hay by Wethers
Progress Report no. 272; 1983, p. 39-41
630.72 K419p

2284. Godfrey, L.D.
Yeargan, K.V.
Muntifering, R.B.
Yield, Digestibility, and Protein Content of Alfalfa Subjected to Selected Insect Pests and Diseases
Progress Report no. 272; 1983, p. 42-43
630.72 K419p

2285. Bensalah, A.Z.
Mitchell, G.E.
Tucker, R.E.
Muntifering, R.B.
Dawson, K.A.
Gay, N.
Laboratory Evaluation of Silages Containing Caged Layer Manure
Progress Report no. 272; 1983, p. 44-46
630.72 K419p

2286. Dawson, K.A.
Boling, J.A.
Cain, W.S.
Effects of Cation Concentrations on the Antimicrobial Activity of Lasalocid
Progress Report no. 272; 1983, p. 47-48
630.72 K419p

2287. Johnson, D.D.
Mitchell, G.E.
Tucker, R.E.
Muntifering, R.B.
Effect of Monensin on Plasma Glucose, Insulin, and Pancreatic Alpha-Amylase
Progress Report no. 272; 1983, p. 49-50
630.72 K419p

2288. Hodge, D.L.
Terashima, Y.
Tucker, R.E.
Mitchell, G.E.
Changes in Plasma Minerals and Metabolites Induced by Cold Stress in Hypomagnesemic Sheep
Progress Report no. 272; 1983, p. 51-52
630.72 K419p

2289. Van Sanford, D.A.
Tutt, C.R.
Tichenor, K.M.
Roberts, W.H.
1983 Kentucky Small Grain Variety Trials
Progress Report no. 273; 1983, 20p.
630.72 K419p

2290. Cromwell, Gary L.
1983 Swine Research Report
Progress Report no. 274; 1983, 96p.
630.72 K419p

2291. Recommended Nutrient Allowances for Swine
Progress Report no. 274; 1983, p. 7
630.72 K419p

2292. Stahly, T.S.
Cromwell, G.L.
Monegue, H.J.
Effect of Dietary Lysine Levels and Fat Additions in Corn-Soy or Corn-Soy-Whey Diets on the Performance of Weanling Pigs
Progress Report no. 274; 1983, p. 8-10
630.72 K419p

2293. Stahly, T.S.
Cromwell, G.L.
Monegue, H.J.
Nutritional Value of Soy Protein Concentrate for Weanling Pigs
Progress Report no. 274; 1983, p. 11-13
630.72 K419p

2294. Cromwell, G.L.
Stahly, T.S.
Monegue, H.J.
High Levels of Copper as a Growth Stimulant in Starter Diets for Weanling Pigs
Progress Report no. 274; 1983, p. 14-16
630.72 K419p

2295. Cromwell, G.L.
Stahly, T.S.
Gomez-Rojas, V.M.
Monegue, H.J.
Limiting Amino Acids in Low Protein Diets for Finishing Swine
Progress Report no. 274; 1983, p. 16-17
630.72 K419p

2296. Cromwell, G.L.
Stahly, T.S.
Overfield, J.R.
Effects of Reducing Dietary Excesses of Arginine and Leucine on Performance of Growing-Finishing Swine
Progress Report no. 274; 1983, p. 18-19
630.72 K419p

2297. Stahly, T.S.
Dawson, K.A.
Cromwell, G.L.
Dintzis, F.
Nutritive Value of a Fibrous Feedstuff (Corn Bran) for Pigs Housed in a Cold or Warm Environment
Progress Report no. 274; 1983, p. 20-22
630.72 K419p

2298. Turlington, W.H.
Stahly, T.S.
Cromwell, G.L.
Nutritive Value of a Fibrous Feedstuff (Wheat Bran) for Pigs Housed in a Cold or Warm Environment
Progress Report no. 274; 1983, p. 23-25
630.72 K419p

2299. Dawson, K.A.
Stahly, T.S.
Turlington, W.H.
Cromwell, G.L.
Effects of Corn Bran and Environmental Temperature on Microbial Activity in the Large Intestine of Swine
Progress Report no. 274; 1983, p. 26-27
630.72 K419p

2300. Hall, D.D.
Cromwell, G.L.
Stahly, T.S.
Overfield, J.R.
Effects of Feeding Garlicky Wheat on Performance of Pigs and on Acceptability of Pork
Progress Report no. 274; 1983, p. 28-29
630.72 K419p

2301. Cromwell, G.L.
Stahly, T.S.
Monegue, H.J.
Overfield, J.R.
Distillers Dried Grains with Solubles for Growing-Finishing Swine
Progress Report no. 274; 1983, p. 30-32
630.72 K419p

2302. Ross, R.D.
Cromwell, G.L.
Stahly, T.S.
Biological Availability of Calcium in Calcium Supplements for Swine
Progress Report no. 274; 1983, p. 33-36
630.72 K419p

2303. Ross, R.D.
Cromwell, G.L.
Stahly, T.S.
Availability of Phosphorus in High-Moisture and Pelleted Corn for Growing Swine
Progress Report no. 274; 1983, p. 37-38
630.72 K419p

2304. Cromwell, G.L.
Hutagalung, R.I.
Stahly, T.S.
Monegue, H.J.
Effects of Form of Sulfa on Residues in Pork
Progress Report no. 274; 1983, p. 39-41
630.72 K419p

2305. Langlois, B.E.
Cromwell, G.L.
Stahly, T.S.
Dawson, K.A.
Hays, V.W.
Antibiotic Resistance of Fecal Coliforms Following Long-Term Withdrawal of Antibiotic Use in a Swine Herd
Progress Report no. 274; 1983, p. 42-43
630.72 K419p

2306. Miller, E.
Kentucky Feed Regulatory Program
Progress Report no. 274; 1983, p. 44-45
630.72 K419p

2307. Graves, W.M.
Olds, D.
Edgerton, L.A.
Removal of Zonae Pellucidae from Swine Embryos
Progress Report no. 274; 1983, p. 46-48
630.72 K419p

2308. Zavos, P. M.
Stahly, T.S.
Sexual Drive and Sperm Reserves of Young Boars
Progress Report no. 274; 1983, p. 49
630.72 K419p

2309. Zavos, P. M.
Stahly, T.S.
Effects of Prepartal Administration of Triamcinolone in Sows on the Sexual Development of their Male Offspring
Progress Report no. 274; 1983, p. 50-51
630.72 K419p

2310. Liptrap, D.O.
Zavos, P. M.
Reese, D.E.
Influence of the Boar on Farrowing Rate and Litter Size
Progress Report no. 274; 1983, p. 52-53
630.72 K419p

2311. Edgerton, L.A.
Are You Ready for Controlled Farrowing?
Progress Report no. 274; 1983, p. 54-56
630.72 K419p

2312. Rudolph, B.C.
Liptrap, D.O.
Stahly, T.S.
Cromwell, G.L.
Effects of Weaning Age and Number of Pigs Weaned on Subsequent Reproductive Traits of Sows
Progress Report no. 274; 1983, p. 57-59
630.72 K419p

2313. Rudolph, B.C.
Liptrap, D.O.
Stahly, T.S.
Cromwell, G.L.
Value of Selecting and Culling Sows on the Basis of Number of Pigs Farrowed
Progress Report no. 274; 1983, p. 60-61
630.72 K419p

2314. Justus, F.E.
Liptrap, D.O.
Moore, C.L.
1982 Farrow-to-Finish Costs and Returns
Progress Report no. 274; 1983, p. 62-63
630.72 K419p

2315. Gibson, C.D.
Swine Enterprises as Part of the Farm Plan
Progress Report no. 274; 1983, p. 64-65
630.72 K419p

2316. Liptrap, D.O.
Justus, F.E.
Parker, G.R.
Economics of Commercial Sow Productivity
Progress Report no. 274; 1983, p. 66-67
630.72 K419p

2317. Gibson, C.D.
Economic Impact of Intensity of Farrowing Crate Use
Progress Report no. 274; 1983, p. 68-69
630.72 K419p

2318. Liptrap, D.O.
Parker, G.R.
Reese, D.E.
Do You Have a Scorebook for Your Swine Herd?
Progress Report no. 274; 1983, p. 70-72
630.72 K419p

2319. Reid, D.W.
Reed, M.R.
Factors Affecting Feeder Pig Prices and their Relative Impacts
Progress Report no. 274; 1983, p. 73-75
630.72 K419p

2320. Christensen, C.M.
Characteristics and Control of Hog Lice
Progress Report no. 274; 1983, p. 76-77
630.72 K419p

2321. Knapp, F.W.
House Fly Control Using Rabon® Oral Larvicide for Swine
Progress Report no. 274; 1983, p. 78
630.72 K419p

2322. Miksch, D.E.
Swine Herd Health Guidelines
Progress Report no. 274; 1983, p. 79
630.72 K419p

2323. McNeill, S.G.
Parker, G.R.
Overhults, D.G.
Fehr, R.L.
Priddy, K.T.
Limiting Swine Stress with Evaporative Cooling in Kentucky
Progress Report no. 274; 1983, p. 82-84
630.72 K419p

2324. McNeill, S.G.
Overhults, D.G.
Cromwell, G.L.
Stahly, T.S.
Parker, G.R.
Using Corncobs to Dry Grain for Swine
Progress Report no. 274; 1983, p. 85-86
630.72 K419p

2325. Parker, G.R.
Murdock, L.W.
Improving the Fertilizer Value of Liquid Swine Manure from Deep Pit Storage, Injected into the Soil with "N-Serve" — A Field Study
Progress Report no. 274; 1983, p. 87-88
630.72 K419p

2326. Kemp, J.D.
Fox, J.D.
Use of Blade Tenderization in Producing Dry-Cured Hams
Progress Report no. 274; 1983, p. 89-90
630.72 K419p

2327. Kemp, J.D.
Langlois, B.E.
Fox, J.D.
Leak, F.W.
Use of Vacuum Packaging and Potassium Sorbate in Aging Country Hams
Progress Report no. 274; 1983, p. 91-92
630.72 K419p

2328. Leak, F.W.
Kemp, J.D.
Langlois, B.E.
Fox, J.D.
Effect of Tumbling and Tumbling Time on Quality and Microflora of Dry-Cured Hams
Progress Report no. 274; 1983, p. 93-94
630.72 K419p

2329. Leak, F.W.
Kemp, J.D.
Fox, J.D.
Effect of Boning Time and Sodium Diacetate on the Quality and Palatability of Tumbled Dry-Cured Hams
Progress Report no. 274; 1983, p. 95-96
630.72 K419p

2330. Wood, J.M.
Tutt, C.R.
Pfeiffer, T.
Kentucky Soybean Performance Tests, 1983
Progress Report no. 275; 1984, 19p.
630.72 K419p

2331. Sigafus, R.E.
Taylor, N.L.
Lacefield, G.D.
Kentucky Red Clover Variety Trials Through 1983
Progress Report no. 276; 1984, 1p.
630.72 K419p

2332. Taylor, N.L.
Sigafus, R.E.
Some Winter Annual Clovers Kentucky 1980-1983
Progress Report no. 277; 1984, 1p.
630.72 K419p

2333. Poneleit, C.G.
Evans, K.O.
Kentucky Hybrid Corn Performance Test, 1983
Progress Report no. 278; 1984, 25p.
630.72 K419p

2334. Ely, D.G.
Proceedings 15th Annual Sheeprofit Day — May 17, 1984
Progress Report no. 279; 1984, 44p.
630.72 K419p

2335. Benson, M.E.
Ely, D.G.
Chappell, G.L.M.
Annual Nutrition Program for the Ewe
Progress Report no. 279; 1984, p. 5-6
630.72 K419p

2336. Gill, W.
Chappell, G.L.M.
Shurley, W.D.
Lambing Time: Which is Best?
Progress Report no. 279; 1984, p. 7-9
630.72 K419p

2337. Ely, D.G.
Chappell, G.L.M.
Benson, M.E.
Alternative Feed Sources for Sheep
Progress Report no. 279; 1984, p. 10-13
630.72 K419p

2338. Gill, W.
Preventing Selenium Deficiency
Progress Report no. 279; 1984, p. 14-16
630.72 K419p

2339. Benson, M.E.
Ely, D.G.
Smith, T.J.
Nutrient Composition of Cafeteria-Fed Lamb Diets
Progress Report no. 279; 1984, p. 17-18
630.72 K419p

2340. Benson, M.E.
Ely, D.G.
Dougherty, C.T.
Smith, T.J.
Comparison of Nutrient Yields between Unfertilized Tall Fescue, Nitrogen Fertilized Tall Fescue, and Alfalfa
Progress Report no. 279; 1984, p. 19-20
630.72 K419p

2341. Benson, M.E.
Ely, D.G.
Dawson, K.A.
Smith, T.J.
Phenolic Lignin Components: Concentration in Fescue, Effect on Rumen Microbes and Effect on In Vitro Digestibility
Progress Report no. 279; 1984, p. 21-22
630.72 K419p

2342. Smith, T.J.
Ely, D.G.
Deweese, W.P.
Benson, M.E.
Forage Quality Analysis and Performance of Lambs Grazing Mefluidide Treated Kentucky 31 Tall Fescue
Progress Report no. 279; 1984, p. 23
630.72 K419p

2343. Vimini, R.J.
Kemp, J.D.
Twenty Years of Progress in Lamb Carcass Research
Progress Report no. 279; 1984, p. 24-25
630.72 K419p

2344. Vimini, R.J.
Kemp, J.D.
Moody, W.G.
Ely, D.G.
Deweese, W.P.
Effects of Birth Weight on Growth Characteristics and Composition of Lamb
Progress Report no. 279; 1984, p. 26-27
630.72 K419p

2345. Vimini, R.J.
Kemp, J.D.
Restructured Pastrami from Lamb Breasts and Flanks
Progress Report no. 279; 1984, p. 28
630.72 K419p

2346. Vimini, R.J.
Kemp, J.D.
Moody, W.G.
Ely, D.G.
Deweese, W.P.
Effects of Maternal Nutritional Restriction During Gestation and Maternal Frame Size on Lamb Growth and Performance. 1. Influence on Lamb Performance
Progress Report no. 279; 1984, p. 29-32
630.72 K419p

2347. Vimini, R.J.
Kemp, J.D.
Moody, W.G.
Ely, D.G.
Deweese, W.P.
Effects of Maternal Nutritional Restriction During Gestation and Material Frame Size on Lamb Growth and Performance. 2. Influence on Skeletal Muscle
Progress Report no. 279; 1984, p. 32-35
630.72 K419p

2348. Vimini, R.J.
Kemp, J.D.
Moody, W.G.
Ely, D.G.
Deweese, W.P.
Effects of Maternal Nutritional Restriction During Gestation and Maternal Frame Size on Lamb Growth and Performance. 3. Influence on Histological Characteristics of Skeletal Muscle
Progress Report no. 279; 1984, p. 35-39
630.72 K419p

2349. Vimini, R.J.
Kemp, J.D.
Moody, W.G.
Ely, D.G.
Deweese, W.P.
Effects of Maternal Nutritional Restriction During Gestation and Maternal Frame Size on Lamb Growth and Performance. 4. Influence on Subcutaneous Adipocyte Development
Progress Report no. 279; 1984, p. 40-44
630.72 K419p

2350. 1984 Dairy Research Report
Progress Report no. 280; 1984, 35p.
630.72 K419p

2351. Lane, G.T.
Measuring Feed Intake in Dairy Cattle
Progress Report no. 280; 1984, p. 5-6
630.72 K419p

2352. Bremel, D.H.
Hemken, R.W.
Harmon, R.J.
Jackson, J.A.
Do We Know the Magnesium Requirement of the Dairy Cow?
Progress Report no. 280; 1984, p. 7-8
630.72 K419p

2353. Bigelow, A.C.
Hemken, R.W.
Harmon, R.J.
Potassium Requirement of the Dairy Calf
Progress Report no. 280; 1984, p. 9
630.72 K419p

2354. Harrison, G.A.
Hemken, R.W.
Harmon, R.J.
Jackson, J.A.
Use of Sodium Bicarbonate with Wheat Silage Diets
Progress Report no. 280; 1984, p. 10-11
630.72 K419p

2355. Riddell, D.O.
Computer Feeders: Are They for You?
Progress Report no. 280; 1984, p. 12-14
630.72 K419p

2356. Riddell, D.O.
Field Study with Methionine Hydroxy Analog
Progress Report no. 280; 1984, p. 15
630.72 K419p

2357. Buckner, R.C.
Jackson, J.A.
Dairy Production Research with Tall Fescue Varieties
Progress Report no. 280; 1984, p. 16-17
630.72 K419p

2358. Olson, K.E.
Goodwill, R.E.
Effect of PD, Weighted Average SCC, and Peak Milk on Production of DHI Herds
Progress Report no. 280; 1984, p. 18-19
630.72 K419p

2359. Crist, W.L.
Harmon, R.J.
Environmental Mastitis
Progress Report no. 280; 1984, p. 20-21
630.72 K419p

2360. Harmon, R.J.
Hogan, J.S.
Langlois, B.E.
Crist, W.L.
Hemken, R.W.
Use of Automated Backflushing of Claws to Prevent Mastitis
Progress Report no. 280; 1984, p. 22-23
630.72 K419p

2361. O'Leary, J.
Hicks, C.L.
Aylward, E.B.
Langlois, B.E.
Factors Affecting Cheese Yield
Progress Report no. 280; 1984, p. 24-25
630.72 K419p

2362. Crist, W.L.
Dairy Profits Project
Progress Report no. 280; 1984, p. 26-28
630.72 K419p

2363. Edgerton, L.A.
Heersche, G.
Olds, D.
Hemken, R.W.
Role of Herdmates in Detection of Estrus
Progress Report no. 280; 1984, p. 29
630.72 K419p

2364. Pallares, A.
Zavos, P. M.
Hemken, R.W.
Site of Insemination, Fertility, and Embryonic Development in Superovulated Dairy Cows
Progress Report no. 280; 1984, p. 30
630.72 K419p

2365. Straub, E.A.
Heersche, G.
Edgerton, L.A.
Electrical Resistance of Cervical Mucus: An Aid for Timing of Insemination?
Progress Report no. 280; 1984, p. 31-32
630.72 K419p

2366. Christensen, C.M.
Effective Use of Insecticide Impregnated Ear Tags for Fly Control
Progress Report no. 280; 1984, p. 33-35
630.72 K419p

2367. Nielsen, M. T.
1984 Agronomy Research Report
Progress Report no. 281; 1984, 48p.
630.72 K419p

2368. Buckner, R.C.
Boling, J.A.
Bush, L.P.
Burrus, P. B.
Eizenga, G.C.
Johnson, M.C.
Grass Breeding Research
Progress Report no. 281; 1984, p. 5
630.72 K419p

2369. Eizenga, G.C.
Buckner, R.C.
Hybridization for Developing Improved Tall Fescue Varieties
Progress Report no. 281; 1984, p. 6
630.72 K419p

2370. Taylor, N.L.
Cornelius, P. B.
Collins, G.B.
Clover Breeding
Progress Report no. 281; 1984, p. 6
630.72 K419p

2371. Witt, W.W.
Powell, A.J.
Nimblewill Control in Kentucky Bluegrass Turf and Pasture
Progress Report no. 281; 1984, p. 7
630.72 K419p

2372. Dougherty, C.T.
Evans, J.K.
Wells, K.L.
Urea Treatment of Moist Tall Fescue Hay
Progress Report no. 281; 1984, p. 7-8
630.72 K419p

2373. Herbek, J.H.
Murdock, L.W.
Blevins, R.L.
Talley, W.A.
Effect of Planting Date on Conventional and No-Tillage Corn on Soils with Restricted Drainage
Progress Report no. 281; 1984, p. 9-10
630.72 K419p

2374. Frye, W.W.
Herbek, J.H.
Blevins, R.L.
Varco, J.J.
Nitrogen from Legume Cover Crops for No-Tillage Corn
Progress Report no. 281; 1984, p. 10-11
630.72 K419p

2375. Smith, S.
Wells, K.L.
Blevins, R.L.
Grove, J.H.
Frye, W.W.
Fate of Nitrogen Fertilizer Applied to No-Till Corn
Progress Report no. 281; 1984, p. 12
630.72 K419p

2376. Witt, W.W.
Season Long Weed Control in Corn
Progress Report no. 281; 1984, p. 12-14
630.72 K419p

2377. Egli, D.B.
Leggett, J.E.
Physiological Basis for Yield Reduction in Late Planted Soybeans
Progress Report no. 281; 1984, p. 15-16
630.72 K419p

2378. Egli, D.B.
Pfeiffer, T.W.
Germplasm Screening for the Length of the Grain Filling Period
Progress Report no. 281; 1984, p. 16-17
630.72 K419p

2379. TeKrony, D.M.
Egli, D.B.
Soybean Seed Quality as Influenced by Variety and Environmental Stress During Seed Maturation and Development
Progress Report no. 281; 1984, p. 17-19
630.72 K419p

2380. Hildebrand, D.F.
Veach, G.L.
Hymowitz, T.
Collins, G.B.
Improving Soybean Oil Quality
Progress Report no. 281; 1984, p. 20
630.72 K419p

2381. Witt, W.W.
Martin, J.R.
Influence of Johnsongrass on Soil Moisture in No-Till Double-Cropped Soybeans
Progress Report no. 281; 1984, p. 20-21
630.72 K419p

2382. Witt, W.W.
Slack, C.H.
Evalutation of Soybean Oil as Additive and Carrier for Herbicide Application
Progress Report no. 281; 1984, p. 21-22
630.72 K419p

2383. Witt, W.W.
Postemergence Grass Control in Soybeans
Progress Report no. 281; 1984, p. 23-25
630.72 K419p

2384. Slack, C.H.
Witt, W.W.
Evaluation of Experimental Soybean Herbicides
Progress Report no. 281; 1984, p. 25-26
630.72 K419p

2385. Herbek, J.H.
Murdock, L.W.
Frye, W.W.
Blevins, R.L.
Talley, W.A.
Soybean Tillage
Progress Report no. 281; 1984, p. 26
630.72 K419p

2386. Phillips, R.E.
Leggett, J.E.
Zeleznik, J.
Sutton, T.
Effect of Irrigation on Growth and Yield of Burley Tobacco
Progress Report no. 281; 1984, p. 27
630.72 K419p

2387. Smiley, J.H.
Tapp, B.
Sims, J.L.
Effect of Spring vs. Fall Applied Muriate of Potash on Burley Tobacco
Progress Report no. 281; 1984, p. 28
630.72 K419p

2388. Calvert, J.R.
Smiley, J.H.
Effects of Stripping Methods on Labor Requirements and Selling Price of Burley Tobacco
Progress Report no. 281; 1984, p. 29-30
630.72 K419p

2389. Calvert, J.R.
Smiley, J.H.
On-Farm Storage of Burley Tobacco
Progress Report no. 281; 1984, p. 30-31
630.72 K419p

2390. Legg, P. D.
Everette, G.A.
Dark Tobacco Variety Testing
Progress Report no. 281; 1984, p. 31
630.72 K419p

2391. Legg, P. D.
Litton, C.C.
Nielsen, M.T.
Everette, G.A.
Dark Tobacco Breeding Research
Progress Report no. 281; 1984, p. 31
630.72 K419p

2392. Nielsen, M.T.
Litton, C.C.
Legg, P. D.
Burley Tobacco Breeding
Progress Report no. 281; 1984, p. 32
630.72 K419p

2393. Calvert, J.R.
Nielsen, M.T.
Litton, C.C.
Legg, P. D.
Burley Tobacco Variety Testing
Progress Report no. 281; 1984, p. 32
630.72 K419p

2394. Everette, G.A.
Legg, P. D.
Evaluation of Four Sucker Control Chemicals on Dark Tobacco
Progress Report no. 281; 1984, p. 33
630.72 K419p

2395. Witt, W.W.
Slack, C.H.
Evaluation of Experimental Postemergence Herbicides for Control of Grasses in Burley Tobacco
Progress Report no. 281; 1984, p. 34
630.72 K419p

2396. Van Sanford, D.A.
Tutt, C.R.
Wheat Breeding, Genetics and Varietal Testing
Progress Report no. 281; 1984, p. 35
630.72 K419p

2397. Van Sanford, D.A.
MacKown, C.T.
Genetic Variation in Nitrogen Partitioning by Soft Red Winter Wheat Varieties
Progress Report no. 281; 1984, p. 35-36
630.72 K419p

2398. Herbek, J.H.
Murdock, L.W.
Talley, W.A.
Tutt, C.R.
Effect of Nitrogen on the Yield and Lodging of Some New Wheat Varieties
Progress Report no. 281; 1984, p. 36
630.72 K419p

2399. Grove, J.H.
Hicks, B.F.
Ditsch, D.C.
Tillage Related Nitrogen Responses of Soft Red Winter Wheat Grown in the Corn-Wheat-Doublecrop Soybean Rotation
Progress Report no. 281; 1984, p. 37-38
630.72 K419p

2400. Grove, J.H.
Ditsch, D.C.
Stuckey, R.E.
Van Sanford, D.A.
Hicks, B.F.
Nitrogen-Tillage-Plant Disease Interactions in Intensive Winter Wheat Production
Progress Report no. 281; 1984, p. 39
630.72 K419p

2401. Murdock, L.W.
Wilcox, W.
Herbek, J.H.
Talley, W.A.
Bachi, P.
Effect of Fungicides on Wheat Yields
Progress Report no. 281; 1984, p. 40
630.72 K419p

2402. Grove, J.H.
Ditsch, D.C.
Van Sanford, D.A.
Hicks, B.F.
Roberts, W.H.
Preliminary Research on Growth Regulation of Soft Red Winter Wheat
Progress Report no. 281; 1984, p. 40-41
630.72 K419p

2403. Herbek, J.H.
Talley, W.A.
Murdock, L.W.
Effect of Growth Regulators on Wheat Yields in 1983
Progress Report no. 281; 1984, p. 41-42
630.72 K419p

2404. Thom, W.O.
Correlation and Calibration of Crop Yields to Soil Tests and Fertilizer Application on a Belknap Silt Loam
Progress Report no. 281; 1984, p. 43-44
630.72 K419p

2405. Murdock, L.W.
Herbek, J.H.
Rasnake, M.
Talley, W.A.
Response of Corn and Soybeans to Irrigation
Progress Report no. 281; 1984, p. 44-45
630.72 K419p

2406. Slack, C.H.
Herbicide Application with Controlled Droplet Applicators
Progress Report no. 281; 1984, p. 45-47
630.72 K419p

2407. Collins, G.B.
Tissue and Cell Culture of Agronomic Crops
Progress Report no. 281; 1984, p. 48
630.72 K419p

2408. 1984 Beef Cattle Research Report
Progress Report no. 282; 1984, 43p.
630.72 K419p

2409. Boling, J.A.
Buckner, R.C.
Bradley, N.W.
Jackson, J.A.
Hemken, R.W.
Bush, L.P.
Growth of Calves Grazing Endophyte-Infected Kentucky 31 and Low-Endophyte Varieties of Tall Fescue
Progress Report no. 282; 1984, p. 5
630.72 K419p

2410. Boling, J.A.
Buckner, R.C.
Bradley, N.W.
Jackson, J.A.
Hemken, R.W.
Bush, L.P.
Performance of Calves Grazing Endophyte-Infected Kentucky 31 or Low-Endophyte Kentucky 31 Tall Fescue During Late Fall
Progress Report no. 282; 1984, p. 6
630.72 K419p

2411. Fron, M.J.
Bradley, N.W.
Dougherty, C.T.
Boling, J.A.
Gay, N.
Stone, R.M.
Performance of Heifers Consuming Endophyte-Infected Kentucky 31, or Low-Endophyte Kentucky 31 and Kenhy Tall Fescue Hays
Progress Report no. 282; 1984, p. 6-7
630.72 K419p

2412. Bradley, N.W.
Heersche, G.
Stone, R.M.
Woods, B.L.
Calving Date and Conception Rate for Straightbred and Crossbred Cows Grazing Fescue or Fescue-Clover Pastures
Progress Report no. 282; 1984, p. 7-8
630.72 K419p

2413. Bradley, N.W.
Gay, N.
Stone, R.M.
Woods, B.L.
Effects of Founder on Steers and Heifers Being Finished on Pasture
Progress Report no. 282; 1984, p. 8-9
630.72 K419p

2414. Bradley, N.W.
Dougherty, C.T.
Boling, J.A.
Gay, N.
Stone, R.M.
Cow and Calf Weight Changes as Influenced by Breed Type and Kind of Pasture
Progress Report no. 282; 1984, p. 10-11
630.72 K419p

2415. Bradley, N.W.
Stone, R.M.
Dougherty, C.T.
Boling, J.A.
Gay, N.
Stockpiled Tall Fescue or Tall Fescue-Clover Pastures for Wintering Beef Cows
Progress Report no. 282; 1984, p. 11-12
630.72 K419p

2416. Bradley, N.W.
Gay, N.
Boling, J.A.
Dougherty, C.T.
Systems of Growing and Finishing Weaned Calves
Progress Report no. 282; 1984, p. 12-14
630.72 K419p

2417. Bradley, N.W.
Gay, N.
Boling, J.A.
Stone, R.M.
Effects of Breed Type and Sex in a Wean-Finish Beef Cattle System
Progress Report no. 282; 1984, p. 14-15
630.72 K419p

2418. Bradley, N.W.
Gay, N.
Boling, J.A.
Stone, R.M.
Effects of Breed Type and Sex of Calf in a Wean-Grow-Finish System
Progress Report no. 282; 1984, p. 15-16
630.72 K419p

2419. Smith, S.I.
Boling, J.A.
Gay, N.
Bradley, N.W.
Cantor, A.H.
Response of Steers to Sulfur and Selenium While Grazing Tall Fescue Pastures
Progress Report no. 282; 1984, p. 17-18
630.72 K419p

2420. Gay, N.
Seman, D.H.
Boling, J.A.
Bradley, N.W.
Miksch, D.
Influence of Management Practices on Beef Cow Herd Productivity
Progress Report no. 282; 1984, p. 19-20
630.72 K419p

2421. Nichols, C.G.
Fron, M.J.
Herd Profiles and Purchasing Criteria for Cattlemen Using Performance Tested Bulls
Progress Report no. 282; 1984, p. 20-22
630.72 K419p

2422. Johns, J.
Absher, C.
Reese, M.
Routt, M.
LaBore, D.E.
Spires, H.
Synovex C Implants for Calves
Progress Report no. 282; 1984, p. 23-24
630.72 K419p

2423. Burris, W.R.
Absher, C.W.
Miksch, E.D.
Lacefield, G.D.
Johns, J.T.
Rasnake, M.
Comprehensive Cow-Calf Management Demonstrations, Progress Report
Progress Report no. 282; 1984, p. 24-25
630.72 K419p

2424. Burris, R.
Rasnake, M.
Lacefield, G.
Miksch, D.
Parker, R.
McNeil, S.
Caldwell County's Comprehensive Beef Cow-Calf Demonstration: A Final Report
Progress Report no. 282; 1984, p. 26-29
630.72 K419p

2425. Bradley, N.W.
Knapp, F.W.
Herald, F.
Effects of Permectrin Fly Tags on Numbers of Horn Flies and Average Daily Gains of Cows and Calves
Progress Report no. 282; 1984, p. 29-30
630.72 K419p

2426. Vimini, R.J.
Seman, D.L.
Moody, W.G.
Fox, J.D.
Kemp, J.D.
Consumer Response to Restructured Steaks From Prerigor, Electrically Stimulated Forage Fed Beef
Progress Report no. 282; 1984, p. 30-32
630.72 K419p

2427. Dawson, K.A.
Boling, J.A.
Selection and Characteristics of Ionophore-Resistant Strains of *Bacteroides ruminicola*
Progress Report no. 282; 1984, p. 33-34
630.72 K419p

2428. Miller, B.G.
Muntifering, R.B.
Dietary Grain Level and Kinetics of Ruminal Forage Fiber Digestion
Progress Report no. 282; 1984, p. 34-35
630.72 K419p

2429. Godfrey, L.D.
Yeargan, K.V.
Muntifering, R.B.
Nutrient Quality and Economic Value of Pest Infected Alfalfa
Progress Report no. 282; 1984, p. 36-37
630.72 K419p

2430. Bensalah, A.Z.
Mitchell, G.E.
Muntifering, R.B.
Tucker, R.E.
Dawson, K.A.
Gay, N.
Laboratory Evaluation of Silages Containing Caged Layer Manure and Lasalocid
Progress Report no. 282; 1984, p. 38-39
630.72 K419p

2431. Mahmoudazadeh, H.
Muntifering, R.B.
Tucker, R.E.
Mitchell, G.E.
Amylase Activity on the Presence of p-Coumaric Acid
Progress Report no. 282; 1984, p. 40
630.72 K419p

2432. Jarrett, S.H.
Tucker, R.E.
Muntifering, R.B.
Mitchell, G.E.
Plasma Vitamin A Ester and Alcohol Fractions During Repletion of Vitamin A-Deficient Cows
Progress Report no. 282; 1984, p. 40-41
630.72 K419p

2433. Terashima, Y.
Tucker, R.E.
Hodge, D.L.
Muntifering, R.B.
Mitchell, G.E.
Plasma Glucose Clearance in Ewes Fed a Low Magnesium Diet with or without Excess Potassium
Progress Report no. 282; 1984, p. 41-43
630.72 K419p

2434. Van Sanford, D.A.
Tutt, C.R.
Roberts, W.H.
Swanson, C.S.
1984 Kentucky Small Grain Variety Trials
Progress Report no. 283; 1984, 20p.
630.72 K419p

2435. Cromwell, G.L.
1984 Swine Research Report
Progress Report no. 284; 1985, 63p.
630.72 K419p

2436. Recommended Nutrient Allowances for Swine
Progress Report no. 284; 1985, p. 5
630.72 K419p

2437. Cromwell, G.L.
Stahly, T.S.
Monegue, H.J.
Comparison of the Nutritional Value of Wheat vs. Corn for Growing-Finishing Swine
Progress Report no. 284; 1985, p. 6-7
630.72 K419p

2438. Reese, D.E.
Liptrap, D.O.
Cantor, A.H.
Feeding Value of Severely Drought-Stricken Corn Grain for Swine
Progress Report no. 284; 1985, p. 8-9
630.72 K419p

2439. Turlington, W.H.
Stahly, T.S.
Cromwell, G.L.
Nutritive Value of Fibrous Feedstuffs (Soybean Hulls and Oat Hulls) for Growing Pigs Housed in a Cold or Warm Environment
Progress Report no. 284; 1985, p. 10-12
630.72 K419p

2440. Dawson, K.A.
Stahly, T.S.
Turlington, W.H.
Cromwell, G.L.
Effects of Wheat Bran and Environmental Temperature on Microbial Activities in the Large Intestine of Swine
Progress Report no. 284; 1985, p. 13-14
630.72 K419p

2441. Cromwell, G.L.
Stahly, T.S.
Monegue, H.J.
Distillers Dried Grains with Solubles for Growing-Finishing Swine
Progress Report no. 284; 1985, p. 15-16
630.72 K419p

2442. Cromwell, G.L.
Stahly, T.S.
Monegue, H.J.
Biological Availability of the Calcium and Phosphorus in Dehydrated Alfalfa Meal for Growing Pigs
Progress Report no. 284; 1985, p. 17-18
630.72 K419p

2443. Cromwell, G.L.
Stahly, T.S.
Tiamulin, a New Growth Promotant for Swine
Progress Report no. 284; 1985, p. 19-20
630.72 K419p

2444. Stahly, T.S.
Cromwell, G.L.
Monegue, H.J.
Efficacy of Salinomycin as a Growth Promotant for Swine
Progress Report no. 284; 1985, p. 21
630.72 K419p

2445. Cromwell, G.L.
Stahly, T.S.
Monegue, H.J.
Sarsaponin in Starter and Growing-Finishing Diets for Swine
Progress Report no. 284; 1985, p. 22
630.72 K419p

2446. Hall, D.D.
Cromwell, G.L.
Dawson, K.A.
Stahly, T.S.
Effects of Garlic in Starter and Grower-Finisher Diets for Swine
Progress Report no. 284; 1985, p. 23-24
630.72 K419p

2447. Liptrap, D.O.
Cromwell, G.L.
Reese, D.E.
Monegue, H.J.
Stahly, T.S.
Parker, G.R.
Effect of Feeder Adjustment on Feed Wastage and Pig Performance
Progress Report no. 284; 1985, p. 25-26
630.72 K419p

2448. Stahly, T.S.
Cromwell, G.L.
Monegue, H.J.
Effects of Dietary Additions of 1,3-Butanediol for Sows During Late Gestation on Growth and Survival of Neonatal Pigs
Progress Report no. 284; 1985, p. 27-29
630.72 K419p

2449. Miller, E.
Kentucky Feed Regulatory Activities
Progress Report no. 284; 1985, p. 30-31
630.72 K419p

2450. Berghorn, K.A.
Liptrap, D.O.
Tuttle, P. A.
Edgerton, L.A.
Programmed Farrowing: a Field Study
Progress Report no. 284; 1985, p. 32-33
630.72 K419p

2451. Berghorn, K.A.
Edgerton, L.A.
What is the Initial Hormonal Response to Prostaglandin $F_2\alpha$
Progress Report no. 284; 1985, p. 34-35
630.72 K419p

2452. Schoenherr, W.D.
Stahly, T.S.
Cromwell, G.L.
Edgerton, L.A.
Effect of Methods of Administration on the Efficacy of Altrenogest for Estrus Synchronization in Gilts
Progress Report no. 284; 1985, p. 36-37
630.72 K419p

2453. Meyer, A.L.
Status of the Kentucky Swine Industry
Progress Report no. 284; 1985, p. 38-39
630.72 K419p

2454. Justus, F.E.
Liptrap, D.O.
Moore, C.L.
1983 Farrow-to-Finish Costs and Returns
Progress Report no. 284; 1985, p. 40-41
630.72 K419p

2455. Shurley, W.D.
Financial Leverage and Production Efficiency Relationships in Hog Production
Progress Report no. 284; 1985, p, 42-44
630.72 K419p

2456. Gibson, C.D.
Luzar, J.C.
Historical and Future Implications of Farrow-to-Finish Enterprises in Kentucky
Progress Report no. 284; 1985, p. 45-48
630.72 K419p

2457. Tuttle, P. A.
Survey of Swine Diseases at the Livestock Disease Diagnostic Center from 1981 to 1983
Progress Report no. 284; 1985, p. 49-50
630.72 K419p

2458. Donahue, J.M.
Locke, S.J.
Salmonellosis in Swine in Kentucky
Progress Report no. 284; 1985, p. 51-52
630.72 K419p

2459. Tramontin, R.R.
Weaver, P. R.
Mackin, M.A.
Selenium Deficiency in Kentucky Swine
Progress Report no. 284; 1985, p. 53
630.72 K419p

2460. Christensen, C.M.
Miksch, E.D.
Hog Mange: Sarcoptic Mange of Swine
Progress Report no. 284; 1985, p. 54-55
630.72 K419p

2461. McNeill, S.G.
Overhults, D.G.
Randolph, J.H.
Cromwell, G.L.
Stahly, T.S.
Use of Corn Cobs To Dry Corn For Swine
Progress Report no. 284; 1985, p. 56-57
630.72 K419p

2462. Leak, F.W.
Kemp, J.D.
Fox, J.D.
Effect of Partial Replacement of Sodium Chloride with Potassium Chloride on the Quality of Tumbled Boneless Dry-Cured Hams
Progress Report no. 284; 1985, p. 58-59
630.72 K419p

2463. Kemp, J.D.
Fox, J.D.
Effect of Needle Tenderization on Salt Penetration, Yield, Composition, and Palatability of Dry-Cured Hams
Progress Report no. 284; 1985, p. 60-63
630.72 K419p

2464. Sigafus, R.E.
Talley, W.A.
Lacefield, G.D.
Taylor, N.L.
Kentucky Alfalfa Variety Trials Through 1984
Progress Report no. 285; 1985, 7p.
630.72 K419p

2465. Wood, J.M.
Tutt, C.R.
Pfeiffer, T.
Kentucky Soybean Performance Tests, 1984
Progress Report no. 286; 1985, 16p.
630.72 K419p

2466. Sigafus, R.E.
Taylor, N.L.
Lacefield, G.D.
Kentucky Red Clover Variety Trials through 1984
Progress Report no. 287; 1985, 2p.
630.72 K419p

2467. Poneleit, C.G.
Evans, K.O.
Kentucky Hybrid Corn Performance Test, 1984
Progress Report no. 288; 1985, 29p.
630.72 K419p

2468. Ely, D.G.
Proceedings 1985 Sheeprofit Day May 16, 1985
Progress Report no. 289; 1985, 37p.
630.72 K419p

2469. Deweese, W.P.
Increasing Profit through Flock Health Maintenance
Progress Report no. 289; 1985, p. 5-6
630.72 K419p

2470. Gill, W.
Economic Impact of Young Lamb Management
Progress Report no. 289; 1985, p. 7-9
630.72 K419p

2471. McCann, K.N.
Deweese, W.P.
Condition Scoring Ewes for Profit
Progress Report no. 289; 1985, p. 10-12
630.72 K419p

2472. McCann, K.N.
Ely, D.G.
Chappell, G.L.M.
Deweese, W.P.
Alternative Feed Sources for the High Producing Ewe
Progress Report no. 289; 1985, p. 13-15
630.72 K419p

2473. Silvia, W.J.
Zavos, P. M.
Chappell, G.L.M.
Ely, D.G.
Maximizing Ram Efficiency
Progress Report no. 289; 1985, p. 16-17
630.72 K419p

2474. Chappell, G.L.M.
Ely, D.G.
Deweese, W.P.
Sharp Pencil Lamb Marketing
Progress Report no. 289; 1985, p. 18-19
630.72 K419p

2475. Chappell, G.L.M.
Sheep Production Budgets Mapping Management Strategy
Progress Report no. 289; 1985, p. 20-21
630.72 K419p

2476. Ely, D.G.
Benson, M.E.
Deweese, W.P.
Aaron, D.K.
Effect of Two Sources and Three Levels of Supplemental Protein in Creep Diets Fed to Lambs
Progress Report no. 289; 1985, p. 22-23
630.72 K419p

2477. Ely, D.G.
Deweese, W.P.
Dietary Protein Levels for Ram Lambs
Progress Report no. 289; 1985, p. 24-25
630.72 K419p

2478. Benson, M.E.
Ely, D.G.
Exploiting the Ewe's Ability to Utilize Fiber in Harvested Forage
Progress Report no. 289; 1985, p. 26-28
630.72 K419p

2479. Ely, D.G.
Deweese, W.P.
Garrett, J.L.
Performance of Lambs Grazing Mefluidide Treated Kentucky 31 Tall Fescue
Progress Report no. 289; 1985, p. 29
630.72 K419p

2480. Ely, D.G.
Benson, M.E.
Supplementation of Low Quality Roughage to Improve Nutrient Utilization
Progress Report no. 289; 1985, p. 30-31
630.72 K419p

2481. Nicastro, F.
Kemp, J.D.
Ely, D.G.
Fox, J.D.
Aaron, D.K.
Effects of Level and Source of Protein on Production and Carcass Characteristics of Lambs
Progress Report no. 289; 1985, p. 32-34
630.72 K419p

2482. Nicastro, F.
Moody, W.G.
Kemp, J.D.
Ely, D.G.
Aaron, D.K.
Fat Measurement and Histological Characteristics of Lamb Carcasses as Affected by Sources and Levels of Dietary Protein
Progress Report no. 289; 1985, p. 35-37
630.72 K419p

2426. Vimini, R.J.
Seman, D.L.
Moody, W.G.
Fox, J.D.
Kemp, J.D.
Consumer Response to Restructured Steaks From Prerigor, Electrically Stimulated Forage Fed Beef
Progress Report no. 282; 1984, p. 30-32
630.72 K419p

2427. Dawson, K.A.
Boling, J.A.
Selection and Characteristics of Ionophore-Resistant Strains of *Bacteroides ruminicola*
Progress Report no. 282; 1984, p. 33-34
630.72 K419p

2428. Miller, B.G.
Muntifering, R.B.
Dietary Grain Level and Kinetics of Ruminal Forage Fiber Digestion
Progress Report no. 282; 1984, p. 34-35
630.72 K419p

2429. Godfrey, L.D.
Yeargan, K.V.
Muntifering, R.B.
Nutrient Quality and Economic Value of Pest Infected Alfalfa
Progress Report no. 282; 1984, p. 36-37
630.72 K419p

2430. Bensalah, A.Z.
Mitchell, G.E.
Muntifering, R.B.
Tucker, R.E.
Dawson, K.A.
Gay, N.
Laboratory Evaluation of Silages Containing Caged Layer Manure and Lasalocid
Progress Report no. 282; 1984, p. 38-39
630.72 K419p

2431. Mahmoudazadeh, H.
Muntifering, R.B.
Tucker, R.E.
Mitchell, G.E.
Amylase Activity on the Presence of p-Coumaric Acid
Progress Report no. 282; 1984, p. 40
630.72 K419p

2432. Jarrett, S.H.
Tucker, R.E.
Muntifering, R.B.
Mitchell, G.E.
Plasma Vitamin A Ester and Alcohol Fractions During Repletion of Vitamin A-Deficient Cows
Progress Report no. 282; 1984, p. 40-41
630.72 K419p

2433. Terashima, Y.
Tucker, R.E.
Hodge, D.L.
Muntifering, R.B.
Mitchell, G.E.
Plasma Glucose Clearance in Ewes Fed a Low Magnesium Diet with or without Excess Potassium
Progress Report no. 282; 1984, p. 41-43
630.72 K419p

2434. Van Sanford, D.A.
Tutt, C.R.
Roberts, W.H.
Swanson, C.S.
1984 Kentucky Small Grain Variety Trials
Progress Report no. 283; 1984, 20p.
630.72 K419p

2435. Cromwell, G.L.
1984 Swine Research Report
Progress Report no. 284; 1985, 63p.
630.72 K419p

2436. Recommended Nutrient Allowances for Swine
Progress Report no. 284; 1985, p. 5
630.72 K419p

2437. Cromwell, G.L.
Stahly, T.S.
Monegue, H.J.
Comparison of the Nutritional Value of Wheat vs. Corn for Growing-Finishing Swine
Progress Report no. 284; 1985, p. 6-7
630.72 K419p

2438. Reese, D.E.
Liptrap, D.O.
Cantor, A.H.
Feeding Value of Severely Drought-Stricken Corn Grain for Swine
Progress Report no. 284; 1985, p. 8-9
630.72 K419p

2439. Turlington, W.H.
Stahly, T.S.
Cromwell, G.L.
Nutritive Value of Fibrous Feedstuffs (Soybean Hulls and Oat Hulls) for Growing Pigs Housed in a Cold or Warm Environment
Progress Report no. 284; 1985, p. 10-12
630.72 K419p

2440. Dawson, K.A.
Stahly, T.S.
Turlington, W.H.
Cromwell, G.L.
Effects of Wheat Bran and Environmental Temperature on Microbial Activities in the Large Intestine of Swine
Progress Report no. 284; 1985, p. 13-14
630.72 K419p

2441. Cromwell, G.L.
Stahly, T.S.
Monegue, H.J.
Distillers Dried Grains with Solubles for Growing-Finishing Swine
Progress Report no. 284; 1985, p. 15-16
630.72 K419p

2442. Cromwell, G.L.
Stahly, T.S.
Monegue, H.J.
Biological Availability of the Calcium and Phosphorus in Dehydrated Alfalfa Meal for Growing Pigs
Progress Report no. 284; 1985, p. 17-18
630.72 K419p

2443. Cromwell, G.L.
Stahly, T.S.
Tiamulin, a New Growth Promotant for Swine
Progress Report no. 284; 1985, p. 19-20
630.72 K419p

2444. Stahly, T.S.
Cromwell, G.L.
Monegue, H.J.
Efficacy of Salinomycin as a Growth Promotant for Swine
Progress Report no. 284; 1985, p. 21
630.72 K419p

2445. Cromwell, G.L.
Stahly, T.S.
Monegue, H.J.
Sarsaponin in Starter and Growing-Finishing Diets for Swine
Progress Report no. 284; 1985, p. 22
630.72 K419p

2446. Hall, D.D.
Cromwell, G.L.
Dawson, K.A.
Stahly, T.S.
Effects of Garlic in Starter and Grower-Finisher Diets for Swine
Progress Report no. 284; 1985, p. 23-24
630.72 K419p

2447. Liptrap, D.O.
Cromwell, G.L.
Reese, D.E.
Monegue, H.J.
Stahly, T.S.
Parker, G.R.
Effect of Feeder Adjustment on Feed Wastage and Pig Performance
Progress Report no. 284; 1985, p. 25-26
630.72 K419p

2448. Stahly, T.S.
Cromwell, G.L.
Monegue, H.J.
Effects of Dietary Additions of 1,3-Butanediol for Sows During Late Gestation on Growth and Survival of Neonatal Pigs
Progress Report no. 284; 1985, p. 27-29
630.72 K419p

2449. Miller, E.
Kentucky Feed Regulatory Activities
Progress Report no. 284; 1985, p. 30-31
630.72 K419p

2450. Berghorn, K.A.
Liptrap, D.O.
Tuttle, P. A.
Edgerton, L.A.
Programmed Farrowing: a Field Study
Progress Report no. 284; 1985, p. 32-33
630.72 K419p

2451. Berghorn, K.A.
Edgerton, L.A.
What is the Initial Hormonal Response to Prostaglandin $F_2\alpha$
Progress Report no. 284; 1985, p. 34-35
630.72 K419p

2452. Schoenherr, W.D.
Stahly, T.S.
Cromwell, G.L.
Edgerton, L.A.
Effect of Methods of Administration on the Efficacy of Altrenogest for Estrus Synchronization in Gilts
Progress Report no. 284; 1985, p. 36-37
630.72 K419p

2453. Meyer, A.L.
Status of the Kentucky Swine Industry
Progress Report no. 284; 1985, p. 38-39
630.72 K419p

2454. Justus, F.E.
Liptrap, D.O.
Moore, C.L.
1983 Farrow-to-Finish Costs and Returns
Progress Report no. 284; 1985, p. 40-41
630.72 K419p

2455. Shurley, W.D.
Financial Leverage and Production Efficiency Relationships in Hog Production
Progress Report no. 284; 1985, p, 42-44
630.72 K419p

2456. Gibson, C.D.
Luzar, J.C.
Historical and Future Implications of Farrow-to-Finish Enterprises in Kentucky
Progress Report no. 284; 1985, p. 45-48
630.72 K419p

2457. Tuttle, P. A.
Survey of Swine Diseases at the Livestock Disease Diagnostic Center from 1981 to 1983
Progress Report no. 284; 1985, p. 49-50
630.72 K419p

2458. Donahue, J.M.
Locke, S.J.
Salmonellosis in Swine in Kentucky
Progress Report no. 284; 1985, p. 51-52
630.72 K419p

2459. Tramontin, R.R.
Weaver, P. R.
Mackin, M.A.
Selenium Deficiency in Kentucky Swine
Progress Report no. 284; 1985, p. 53
630.72 K419p

2460. Christensen, C.M.
Miksch, E.D.
Hog Mange: Sarcoptic Mange of Swine
Progress Report no. 284; 1985, p. 54-55
630.72 K419p

2461. McNeill, S.G.
Overhults, D.G.
Randolph, J.H.
Cromwell, G.L.
Stahly, T.S.
Use of Corn Cobs To Dry Corn For Swine
Progress Report no. 284; 1985, p. 56-57
630.72 K419p

2462. Leak, F.W.
Kemp, J.D.
Fox, J.D.
Effect of Partial Replacement of Sodium Chloride with Potassium Chloride on the Quality of Tumbled Boneless Dry-Cured Hams
Progress Report no. 284; 1985, p. 58-59
630.72 K419p

2463. Kemp, J.D.
Fox, J.D.
Effect of Needle Tenderization on Salt Penetration, Yield, Composition, and Palatability of Dry-Cured Hams
Progress Report no. 284; 1985, p. 60-63
630.72 K419p

2464. Sigafus, R.E.
Talley, W.A.
Lacefield, G.D.
Taylor, N.L.
Kentucky Alfalfa Variety Trials Through 1984
Progress Report no. 285; 1985, 7p.
630.72 K419p

2465. Wood, J.M.
Tutt, C.R.
Pfeiffer, T.
Kentucky Soybean Performance Tests, 1984
Progress Report no. 286; 1985, 16p.
630.72 K419p

2466. Sigafus, R.E.
Taylor, N.L.
Lacefield, G.D.
Kentucky Red Clover Variety Trials through 1984
Progress Report no. 287; 1985, 2p.
630.72 K419p

2467. Poneleit, C.G.
Evans, K.O.
Kentucky Hybrid Corn Performance Test, 1984
Progress Report no. 288; 1985, 29p.
630.72 K419p

2468. Ely, D.G.
Proceedings 1985 Sheeprofit Day May 16, 1985
Progress Report no. 289; 1985, 37p.
630.72 K419p

2469. Deweese, W.P.
Increasing Profit through Flock Health Maintenance
Progress Report no. 289; 1985, p. 5-6
630.72 K419p

2470. Gill, W.
Economic Impact of Young Lamb Management
Progress Report no. 289; 1985, p. 7-9
630.72 K419p

2471. McCann, K.N.
Deweese, W.P.
Condition Scoring Ewes for Profit
Progress Report no. 289; 1985, p. 10-12
630.72 K419p

2472. McCann, K.N.
Ely, D.G.
Chappell, G.L.M.
Deweese, W.P.
Alternative Feed Sources for the High Producing Ewe
Progress Report no. 289; 1985, p. 13-15
630.72 K419p

2473. Silvia, W.J.
Zavos, P. M.
Chappell, G.L.M.
Ely, D.G.
Maximizing Ram Efficiency
Progress Report no. 289; 1985, p. 16-17
630.72 K419p

2474. Chappell, G.L.M.
Ely, D.G.
Deweese, W.P.
Sharp Pencil Lamb Marketing
Progress Report no. 289; 1985, p. 18-19
630.72 K419p

2475. Chappell, G.L.M.
Sheep Production Budgets Mapping Management Strategy
Progress Report no. 289; 1985, p. 20-21
630.72 K419p

2476. Ely, D.G.
Benson, M.E.
Deweese, W.P.
Aaron, D.K.
Effect of Two Sources and Three Levels of Supplemental Protein in Creep Diets Fed to Lambs
Progress Report no. 289; 1985, p. 22-23
630.72 K419p

2477. Ely, D.G.
Deweese, W.P.
Dietary Protein Levels for Ram Lambs
Progress Report no. 289; 1985, p. 24-25
630.72 K419p

2478. Benson, M.E.
Ely, D.G.
Exploiting the Ewe's Ability to Utilize Fiber in Harvested Forage
Progress Report no. 289; 1985, p. 26-28
630.72 K419p

2479. Ely, D.G.
Deweese, W.P.
Garrett, J.L.
Performance of Lambs Grazing Mefluidide Treated Kentucky 31 Tall Fescue
Progress Report no. 289; 1985, p. 29
630.72 K419p

2480. Ely, D.G.
Benson, M.E.
Supplementation of Low Quality Roughage to Improve Nutrient Utilization
Progress Report no. 289; 1985, p. 30-31
630.72 K419p

2481. Nicastro, F.
Kemp, J.D.
Ely, D.G.
Fox, J.D.
Aaron, D.K.
Effects of Level and Source of Protein on Production and Carcass Characteristics of Lambs
Progress Report no. 289; 1985, p. 32-34
630.72 K419p

2482. Nicastro, F.
Moody, W.G.
Kemp, J.D.
Ely, D.G.
Aaron, D.K.
Fat Measurement and Histological Characteristics of Lamb Carcasses as Affected by Sources and Levels of Dietary Protein
Progress Report no. 289; 1985, p. 35-37
630.72 K419p

2483. Van Sanford, D.A.
Tutt, C.R.
Swanson, C.S.
Mattingly, M.M.
1985 Kentucky Small Grain Variety Trials
Progress Report no. 290; 1985, 18p.
630.72 K419p

2484. 1985 Beef Cattle Research Report
Progress Report no. 291; 1985, 40p.
630.72 K419p

2485. Gay, N.
Seman, D.H.
Boling, J.A.
Bradley, N.W.
Miksch, E.D.
Management Practices for Beef Cow Herd Productivity
Progress Report no. 291; 1985, p. 5-6
630.72 K419p

2486. Woods, B.L.
Schillo, K.K.
Stone, R.M.
Bradley, N.W.
Effects of Anabolic Implants, Different Dietary Energy Levels, Sex of Calf, and Breed Type on Preweaning and Postweaning Performance
Progress Report no. 291; 1985, p. 6-8
630.72 K419p

2487. Schillo, K.K.
Woods, B.L.
Bradley, N.W.
Body Weight, Pelvic Area, and Teat Volume in Beef Heifers Given Ralgro
Progress Report no. 291; 1985, p. 9
630.72 K419p

2488. Thompson, C.M.
Nichols, C.G.
Thrift, F.A.
Scrotal Circumference, Hip Height, and Weight Comparisons on Yearling Bulls of Four Breeds
Progress Report no. 291; 1985, p. 10-11
630.72 K419p

2489. Johns, J.T.
Gill, W.
Absher, C.W.
Bell, C.
Field Trials Comparing Compudose and Ralgro Implants
Progress Report no. 291; 1985, p. 11-13
630.72 K419p

2490. Gay, N.
Boling, J.A.
Dawson, K.A.
Dew, R.
Potassium in Feedlot Diets Containing Lasalocid
Progress Report no. 291; 1985, p. 14-15
630.72 K419p

2491. Dawson, K.A.
Cain, W.S.
End Product Formation by Ionophore-Resistant and -Sensitive *Bacteroides ruminicola*
Progress Report no. 291; 1985, p. 15-16
630.72 K419p

2492. Davenport, G.M.
Boling, J.A.
Gay, N.
Different Levels of Soybean Meal and Ground Whole Soybeans for Calves Fed Corn Silage
Progress Report no. 291; 1985, p. 16-17
630.72 K419p

2493. Boling, J.A.
Deetz, L.E.
Bunting, L.D.
Redmon, K.
Bradley, N.W.
Combinations of Rumen-Protected Methionine Plus Lysine for Growing Steers
Progress Report no. 291; 1985, p. 17-18
630.72 K419p

2494. Johns, J.T.
Wheatley, J.A.
Hodge, D.L.
Greenwell, R.
Absher, C.W.
Survey Results: Washington County Impact-Application Project
Progress Report no. 291; 1985, p. 19-21
630.72 K419p

2495. Bunting, L.D.
Boling, J.A.
Efficacy of Nipple Valve Waterers for Cattle
Progress Report no. 291; 1985, p. 22
630.72 K419p

2496. Nichols, C.G.
Thrift, F.A.
Absher, C.W.
Aaron, D.K.
Importance Assessed to Certain Performance Characters by Purchasers of Yearling Bulls of Four Breeds
Progress Report no. 291; 1985, p. 22-24
630.72 K419p

2497. Smith, L.
Gay, N.
Boling, J.A.
Smith, A.
Muntifering, R.
Schillo, K.K.
Response to Stressful and Nonstressful Temperatures by Steers Consuming High and Low Endophyte Fescue Diets
Progress Report no. 291; 1985, p. 24
630.72 K419p

2498. Muntifering, R.B.
Wedekind, K.J.
Ely, D.G.
Processing Methods for Supplemental Feeding Value of Distillers' Byproducts in Forage Rations
Progress Report no. 291; 1985, p. 25-28
630.72 K419p

2499. Absher, C.W.
Turner, L.W.
Loewer, O.J.
Smith, E.M.
Gay, N.
Dougherty, C.T.
Graze-More-Beef: A Program to Enhance the Use of Intensive Grazing Techniques
Progress Report no. 291; 1985, p. 29-31
630.72 K419p

2500. Christensen, C.M.
Knapp, F.W.
Managing Insecticide Resistance in Horn Fly Populations
Progress Report no. 291; 1985, p. 31
630.72 K419p

2501. Toha, M.
Bunting, L.D.
Boling, J.A.
Dawson, K.A.
Nutrient Utilization in the Ruminant with Restricted Water Intakes and Added Sodium or Potassium
Progress Report no. 291; 1985, p. 32-33
630.72 K419p

2502. Seman, D.H.
Gay, N.
Dawson, K.A.
Boling, J.A.
Rumen Bacteria Response to Different Selenium Concentrations In Vitro
Progress Report no. 291; 1985, p. 34-35
630.72 K419p

2503. Mahmoudazadeh, H.
Muntifering, R.B.
Tucker, R.E.
Mitchell, G.E.
Kinetic Constants for Amylase Digesting Different Starches
Progress Report no. 291; 1985, p. 35
630.72 K419p

2504. Mahmoudazadeh, H.
Muntifering, R.B.
Tucker, R.E.
Mitchell, G.E.
Starch Digestion by Pancreatic Amylase in the Presence of Phenolic Monomers
Progress Report no. 291; 1985, p. 36
630.72 K419p

2505. Boling, J.A.
Davenport, G.M.
Reffett, J.K.
Bunting, L.D.
Bioavailability of Magnesium in Calves Fed Different Sources of Magnesium
Progress Report no. 291; 1985, p. 37
630.72 K419p

2506. Edin, K.M.
Tucker, R.E.
Mitchell, G.E.
Muntifering, R.B.
Solubility of Magnesium from Feed Grade Magnesium Oxide and Smectite-Vermiculite
Progress Report no. 291; 1985, p. 37-38
630.72 K419p

2507. Hodge, D.L.
Tucker, R.E.
Barker, K.
Mitchell, G.E.
Role of Aldosterone in the Production of Hypomagnesemic Tetany
Progress Report no. 291; 1985, p. 38-39
630.72 K419p

2508. Jarrett, S.H.
Tucker, R.E.
Muntifering, R.B.
Mitchell, G.E.
Vitamin A Ester and Vitamin A Alcohol in Plasma of Cows Fed Different Amounts of Vitamin A
Progress Report no. 291; 1985, p. 39-40
630.72 K419p

2509. Cromwell, G.L.
1985 Swine Research Report
Progress Report no. 292; 1986, 47p.
630.72 K419p

2510. Recommended Nutrient Allowances for Swine
Progress Report no. 292; 1986, p. 5
630.72 K419p

2511. Stahly, T.S.
Cromwell, G.L.
Monegue, H.J.
Influence of Citric Acid and Sodium Bicarbonate on the Nutritive Value of Soybean Protein Sources for Weaning Pigs
Progress Report no. 292; 1986, p. 6-7
630.72 K419p

2512. Cromwell, G.L.
Stahly, T.S.
Monegue, H.J.
High Levels of Copper Sulfate in Starter Diets for Pigs
Progress Report no. 292; 1986, p. 8-9
630.72 K419p

2513. Cromwell, G.L.
Stahly, T.S.
Monegue, H.J.
Distillers Dried Grains with Solubles and Antibiotics for Weanling Swine
Progress Report no. 292; 1986, p. 10-11
630.72 K419p

2514. Cromwell, G.L.
Stahly, T.S.
Effects of Antibiotic (Chlortetracycline, Lincomycin) Withdrawal During the Finishing Stage on Performance of Growing-Finishing Swine
Progress Report no. 292; 1986, p. 12
630.72 K419p

2515. Cromwell, G.L.
Stahly, T.S.
Monegue, H.J.
Efrotomycin, a New Growth Promotant for Swine
Progress Report no. 292; 1986, p. 13-14
630.72 K419p

2516. Hall, D.D.
Cromwell, G.L.
Stahly, T.S.
Effects of Level of Phosphorus and Calcium: Phosphorus Ratio on Performance, Bone Strength and Vitamin K Status of Pigs
Progress Report no. 292; 1986, p. 15-17
630.72 K419p

2517. Cromwell, G.L.
Stahly, T.S.
Monegue, H.J.
Biological Availability of the Phosphorus in Wheat for the Growing Pig
Progress Report no. 292; 1986, p. 18-19
630.72 K419p

2518. Schoenherr, W.D.
Stahly, T.S.
Cromwell, G.L.
Effects of Environmental Temperature and Dietary Fat Additions on Growth and Carcass Characteristics of Growing-Finishing Swine
Progress Report no. 292; 1986, p. 20-22
630.72 K419p

2519. Gomez-Rojas, V.M.
Cromwell, G.L.
Stahly, T.S.
Threonine and Methionine Requirements of the Growing Pig
Progress Report no. 292; 1986, p. 23-24
630.72 K419p

2520. Cromwell, G.L.
Stahly, T.S.
Monegue, H.J.
Limiting Amino Acids in Wheat for Finishing Pigs
Progress Report no. 292; 1986, p. 25-26
630.72 K419p

2521. Cromwell, G.L.
Stahly, T.S.
Randolph, J.R.
Grain Sorghum and Barley as Alternative Feed Grains for Growing-Finishing Swine
Progress Report no. 292; 1986, p. 27-28
630.72 K419p

2522. Stahly, T.S.
Cromwell, G.L.
Monegue, H.J.
Effects of Dietary Additions of 1,3-Butanediol or Lard for Sows on Survival of Neonatal Pigs
Progress Report no. 292; 1986, p. 29-31
630.72 K419p

2523. Edgerton, L.A.
Berghorn, K.A.
Failure of Prostaglandin $F_2\alpha$ to Synchronize the Estrous Cycle is Not Due to Antagonism by Pituitary Hormones
Progress Report no. 292; 1986, p. 32-33
630.72 K419p

2524. Eckerle, B.T.
Edgerton, L.A.
Newton, G.R.
Jacobs, A.L.
Estrogen Alters Time of Farrowing
Progress Report no. 292; 1986, p. 34-35
630.72 K419p

2525. Parker, G.R.
Liptrap, D.O.
Kentucky Herd Health Clinics — An Update
Progress Report no. 292; 1986, p. 36-38
630.72 K419p

2526. Parker, G.P.
Liptrap, D.O.
Performance Herd Health Clinics
Progress Report no. 292; 1986, p. 39-40
630.72 K419p

2527. Miksch, E.D.
Swine Biologics Use Guide
Progress Report no. 292; 1986, p. 41
630.72 K419p

2528. Justus, F.E.
Liptrap, D.O.
Moore, C.L.
1984 Farrow-to-Finish Costs and Returns
Progress Report no. 292; 1986, p. 42-43
630.72 K419p

2529. Overhults, D.G.
Parker, G.R.
Low Investment Cooling System for the Farrowing House
Progress Report no. 292; 1986, p. 44
630.72 K419p

2530. Kemp, J.D.
Langlois, B.E.
Fox, J.D.
Effect of Blade Tenderization and Vacuum Packaging on Quality of Dry-Cured Hams
Progress Report no. 292; 1986, p. 45-47
630.72 K419p

2531. Wood, J.M.
Tutt, C.
Pfeiffer, T.
Kentucky Soybean Performance Tests, 1985
Progress Report no. 293; 1986, 16p.
630.72 K419p

2532. Poneleit, C.G.
Evans, K.O.
Kentucky Hybrid Corn Performance Test, 1985
Progress Report no. 294; 1986, 29p.
630.72 K419p

2533. Sigafus, R.E.
Taylor, N.L.
Lacefield, G.D.
Nozel, J.
Gray, T.
Barnhisel, R.I.
Kentucky Alfalfa and Red Clover Variety Trials through 1985
Progress Report no. 295; 1986, 15p.
630.72 K419p

2534. Ely, D.G.
Proceedings 1986 Sheeprofit Day
Progress Report no. 296; 1986, 25p.
630.72 K419p

2535. Ely, D.G.
Deweese, W.P.
Garrett, J.L.
Smith, T.J.
Benson, M.E.
Embark Treated Kentucky 31 Tall Fescue for Growing Lambs
Progress Report no. 296; 1986, p. 5-6
630.72 K419p

2536. Garrett, J.L.
Ely, D.G.
McCann, K.N.
Deweese, W.P.
Flushing Crossbred Ewes on Embark Treated Kentucky 31 Tall Fescue Pastures
Progress Report no. 296; 1986, p. 7-8
630.72 K419p

2537. Kemp, J.D.
Ely, D.G.
Nicastro, F.
Effects of Protein Level and Source on Growth and Carcass Traits of Lambs
Progress Report no. 296; 1986, p. 9-10
630.72 K419p

2538. Ely, D.G.
McCann, K.N.
Garrett, J.L.
Aaron, D.K.
Supplementation of Lactating Ewe Diets with Distillers Dried Grains with Solubles
Progress Report no. 296; 1986, p. 11-12
630.72 K419p

2539. Ely, D.G.
Deweese, W.P.
Kemp, J.D.
Economics of Supplementing High Concentrate Diets with Soybean Meal or Distillers Dried Grains with Solubles for Early-weaned Lambs in Drylot
Progress Report no. 296; 1986, p. 13-14
630.72 K419p

2540. Deweese, W.P.
Ely, D.G.
Managing Orphan Lambs for Maximum Profit
Progress Report no. 296; 1986, p. 15-16
630.72 K419p

2541. Chappell, G.L.M.
Ely, D.G.
Deweese, W.P.
Selecting and Pricing Replacement Ewes
Progress Report no. 296; 1986, p. 17-18
630.72 K419p

2542. Garrett, J.L.
Ely, D.G.
Pastures for Flushing and Breeding Ewes
Progress Report no. 296; 1986, p. 19-20
630.72 K419p

2543. Ely, D.G.
Garrett, J.L.
Chappell, G.L.M.
Increase Profits by Adding Sheep to Cattle
Progress Report no. 296; 1986, p. 21-23
630.72 K419p

2544. Means, W.J.
Lamb Carcass Cutability
Progress Report no. 296; 1986, p. 24-25
630.72 K419p

2545. 1986 Dairy Research Report
Progress Report no. 297; 1986, 25p.
630.72 K419p

2546. Strahan, S.R.
Hemken, R.W.
Jackson, J.A.
Dairy Production Research with Tall Fescue Forage
Progress Report no. 297; 1986, p. 5-6
630.72 K419p

2547. Sorgho, Z.
Jackson, J.A.
Hemken, R.W.
Harmon, R.J.
Effect of Nitrogen Fertilization of KY-31 Endophyte Infected Tall Fescue on Toxicity and Digestibility in Dairy Calves
Progress Report no. 297; 1986, p. 7
630.72 K419p

2548. Jackson, J.A.
Hemken, R.W.
Boling, J.A.
Harmon, R.J.
Physiological Responses in Rats Fed Tall Fescue Extracts
Progress Report no. 297; 1986, p. 8-9
630.72 K419p

2549. Langer, D.L.
Jackson, J.A.
Hemken, R.W.
Harmon, R.J.
Evaluation of Level and Source of Phosphorus Fed to Dairy Calves
Progress Report no. 297; 1986, p. 10
630.72 K419p

2550. Harmon, R.J.
Crist, W.L.
Challenge of Controlling Environmental Mastitis
Progress Report no. 297; 1986, p. 11-12
630.72 K419p

2551. Harmon, R.J.
Matthews, K.R.
Langlois, B.E.
Crist, W.L.
Hemken, R.W.
Use of a Latex Teat Dip with Germicide to Prevent Mastitis in the Prepartum Period
Progress Report no. 297; 1986, p. 13-14
630.72 K419p

2552. Tucker, W.B.
Hemken, R.W.
Harrison, G.A.
Dietary Cation-anion Balance: Effect on Milk and Blood Parameters of Lactating Dairy Cattle
Progress Report no. 297; 1986, p. 15-16
630.72 K419p

2553. Riddell, D.O.
Chemical Preservation of Alfalfa Hay
Progress Report no. 297; 1986, p. 17-19
630.72 K419p

2554. Silvia, W.J.
Heersche, G.
Cowside Milk Progesterone Tests: Procedures and Applications
Progress Report no. 297; 1986, p. 20-21
630.72 K419p

2555. Olson, K.E.
DHI Records Show the Way to Profits
Progress Report no. 297; 1986, p. 22-23
630.72 K419p

2556. Christensen, C.M.
Alfalfa Weevil Control Strategies
Progress Report no. 297; 1986, p. 24-25
630.72 K419p

2557. Van Sanford, D.A.
Tutt, C.R.
Swanson, C.S.
Pearce, W.L.
1986 Kentucky Small Grain Variety Trials
Progress Report no. 298; 1986, 18p.
630.72 K419p

2558. Cromwell, G.
1987 Swine Research Report
Progress Report no. 299; 1987, 75p.
630.72 K419p

2559. Recommended Nutrient Allowances for Swine
Progress Report no. 299; 1987, p. 5
630.72 K419p

2560. Burnell, T.W.
Cromwell, G.L.
Stahly, T.S.
Organic Acid Additions for Weanling Pigs
Progress Report no. 299; 1987, p. 6-7
630.72 K419p

2561. Cromwell, G.L.
Stahly, T.S.
Monegue, H.J.
Sources and Particle Size of Phosphorus Supplements for Pigs
Progress Report no. 299; 1987, p. 8-11
630.72 K419p

2562. Cromwell, G.L.
Stahly, T.S.
Randolph, J.H.
Corn Gluten Feed for Growing-Finishing Swine
Progress Report no. 299; 1987, p. 12-14
630.72 K419p

2563. Stahly, T.S.
Cromwell, G.L.
Optimal Dietary Lysine Levels for Pigs as Influenced by the Thermal Environment
Progress Report no. 299; 1987, p. 15-18
630.72 K419p

2564. Stahly, T.S.
Cromwell, G.L.
Responses to Dietary Additions of Fiber (Alfalfa Meal) in Growing Pigs Housed in a Cold, Warm or Hot Thermal Environment
Progress Report no. 299; 1987, p. 19-22
630.72 K419p

2565. Schoenherr, W.D.
Stahly, T.S.
Cromwell, G.L.
Digestibility of Dietary Fiber and Fat in Lactating Gilts Housed in a Warm or Hot Environment
Progress Report no. 299; 1987, p. 23-25
630.72 K419p

2566. Stahly, T.S.
Coleman, W.
Parker, G.R.
Cromwell, G.L.
Response of Sows to the Feeding of 1,3-Butanediol During Late Pregnancy
Progress Report no. 299; 1987, p. 26-28
630.72 K419p

2567. Crowell, G.L.
Stahly, T.S.
Randolph, J.R.
Raw Soybeans as a Source of Protein for Sows During Gestation and Lactation
Progress Report no. 299; 1987, p. 29-30
630.72 K419p

2568. Hayek, M.G.
Mitchell, G.E.
Harmon, R.J.
Stahly, T.S.
Cromwell, G.L.
Tucker, R.E.
Immunoglobulin Transfer to Pigs from Sows Injected with Vitamin E and/or Selenium
Progress Report no. 299; 1987, p. 31
630.72 K419p

2569. Cromwell, G.L.
Kemp, J.D.
Stahly, T.S.
May, J.R.
Monegue, H.J.
Efficacy of Cimaterol as a Repartitioning Agent for Finishing Swine
Progress Report no. 299; 1987, p. 32-35
630.72 K419p

2570. Cromwell, G.L.
Stahly, T.S.
Monegue, H.J.
Bacitracin MD in Starter and Grower Diets for Pigs
Progress Report no. 299; 1987, p. 36-37
630.72 K419p

2571. Cromwell, G.L.
Stahly, T.S.
Monegue, H.J.
Evaluation of a New Ionophore (CP-53,607) and Copper Sulfate as Growth Promotants for Growing-Finishing Pigs
Progress Report no. 299; 1987, p. 38-39
630.72 K419p

2572. Cromwell, G.L.
Langlois, B.E.
Dawson, K.A.
Stahly, T.S.
Randolph, J.H.
Antibiotic Resistance of Fecal Coliforms in Swine Following Long-Term
Withdrawal or Continual Use of Antibiotics for 14 Years
Progress Report no. 299; 1987, p. 40-42
630.72 K419p

2573. Miller, E.
New Medicated Feed Program Now in Effect
Progress Report no. 299; 1987, p. 43
630.72 K419p

2574. Edgerton, L.A.
Cromwell, G.L.
Sex of Siblings May Influence Reproductive Performance in Sows
Progress Report no. 299; 1987, p. 44-45
630.72 K419p

2575. Hall, D.D.
Cromwell, G.L.
Stahly, T.S.
Biological Relationships of Litter Size and Pig Weight at Birth on Survival and Weaning Weight in Pigs
Progress Report no. 299; 1987, p. 46-48
630.72 K419p

2576. Hall, D.D.
Cromwell, G.L.
Stahly, T.S.
Depletion of Body Fat Reserves: An Explanation for Decreased Second Parity Prolificacy in Sows
Progress Report no. 299; 1987, p. 49-50
630.72 K419p

2577. Justus, F.E.
Liptrap, D.O.
1985 Farrow-to-Finish Costs and Returns
Progress Report no. 299; 1987, p. 51-52
630.72 K419p

2578. Liptrap, D.O.
Parker, G.R.
1986 Summary of the Kentucky Central Boar Test
Progress Report no. 299; 1987, p. 53-54
630.72 K419p

2579. Tuttle, P. A.
Porcine Necropsies at the Livestock Disease Diagnostic Center: 1984-1985 Progress Report no. 299; 1987, p. 55-56
630.72 K419p

2580. Donahue, J.M.
Locke, S.J.
Antibiotic Susceptibility of Pathogenic Bacteria Frequently Isolated from Swine in Kentucky
Progress Report no. 299; 1987, p. 57-58
630.72 K419p

2581. Parker, G.R.
Liptrap, D.O.
Effect of Chronic Respiratory Lesions on Growth of Swine Raised on Kentucky Farms
Progress Report no. 299; 1987, p. 59-60
630.72 K419p

2582. Christensen, C.M.
Identification and Control of Common Insect Pests of Stored Feed Grains
Progress Report no. 299; 1987, p. 61-63
630.72 K419p

2583. Overhults, D.G.
Fehr, R.L.
Estimating the Energy Saving Potential for Heat Exchangers in Swine Buildings
Progress Report no. 299; 1987, p. 64-66
630.72 K419p

2584. Kemp, J.D.
Langlois, B.E.
Fox, J.D.
Nicastro, F.
Quality of Dry-Cured Hams as Affected by Mechanical Tenderization and Vacuum Packaging
Progress Report no. 299; 1987, p. 67-69
630.72 K419p

2585. Karrer, J.A.
Kemp, J.D.
Langlois, B.E.
Quality of Boneless Dry-Cured Hams as Affected by Pressing and Postassium Sorbate
Progress Report no. 299; 1987, p. 70-72
630.72 K419p

2586. Liptrap, D.O.
Means, W.J.
Parker, G.R.
Swine Carcass Show in Kentucky
Progress Report no. 299; 1987, p. 73-75
630.72 K419p

2587. Poneleit, C.G.
Evans, K.O.
Kentucky Hybrid Corn Performance Testing, 1986
Progress Report no. 300; 1986, 34p.
630.72 K419p

2588. Wood, J.M.
Tutt, C.
Pfeiffer, T.
Kentucky Soybean Performance Tests, 1986
Progress Report no. 301; 1987, 16p.
630.72 K419p

2589. Kentucky Turfgrass Research 1986
Progress Report no. 303; 1987, 61p.
630.72 K419p

2590. Powell, A.J.
Tapp, L.
Kentucky Bluegrass Variety Evaluations
Progress Report no. 303; 1987, p. 4-8
630.72 K419p

2591. Powell, A.J.
Tapp, L.
Tall Fescue Variety Evaluations
Progress Report no. 303; 1987, p. 9-13
630.72 K419p

2592. Powell, A.J.
Tapp, L.
Perennial Ryegrass Evaluations
Progress Report no. 303; 1987, p. 14-15
630.72 K419p

2593. Powell, A.J.
Tapp, L.
Fineleaf Fescue Variety Evaluations
Progress Report no. 303; 1987, p. 16-17
630.72 K419p

2594. Powell, A.J.
Tapp, L.
Bermudagrass Variety Evaluation
Progress Report no. 303; 1987, p. 18-20
630.72 K419p

2595. Hartman, J.R.
Clinton, W.
Powell, A.J.
Evaluation of Fungicides for Prevention of Dollar Spot and Brown Patch of Creeping Bentgrass, 1986
Progress Report no. 303; 1987, p. 21-22
630.72 K419p

2596. Burrus, P. B.
Hartman, J.R.
Reactions of Tall Fescue Cultivars, Synthetics, and Breeding Lines to Leaf Rust, 1985
Progress Report no. 303; 1987, p. 23-24
630.72 K419p

2597. Hartman, J.R.
Siegel, M.R.
Burrus, P. B.
Reactions of Endophyte Free and Infected Tall Fescue Cultivars to Brown Patch, 1986
Progress Report no. 303; 1987, p. 25-26
630.72 K419p

2598. Hartman, J.R.
Charnes, J.
Evaluation of a Pythium Blight Disease Predictor, 1986
Progress Report no. 303; 1987, p. 27-30
630.72 K419p

2599. Potter, D.A.
Degradation of Turfgrass Thatch by Earthworms and other Soil Fauna
Progress Report no. 303; 1987, p. 31-32
630.72 K419p

2600. McClure, T.W.
Gordon, F.C.
Potter, D.A.
Evaluation of Insecticides for Control of Masked Chafer Grubs in Kentucky Bluegrass
Progress Report no. 303; 1987, p. 33
630.72 K419p

2601. Clark, J.D.
Potter, D.A.
Competition between and Relative Feeding Impact of Masked Chafer and Japanese Beetle Grubs: Confounding Effects of a Parasite
Progress Report no. 303; 1987, p. 34-35
630.72 K419p

2602. Flint, J.L.
Barrett, M. Olson, G.L.
Antagonism of Glyphosate (Roundup) Activity on Johnsongrass by 2,4-D Dicamba (Banvel)
Progress Report no. 303; 1987, p. 36
630.72 K419p

2603. Powell, A.J.
Tapp, L.
Residual Activity of Certain Chemicals on Renovation with Tall Fescue Perennial Ryegrass
Progress Report no. 303; 1987, p. 37-46
630.72 K419p

2604. Powell, A.J.
Witt, W.W.
Tapp, L.
Preemergence Crabgrass Control in Kentucky Bluegrass Turf
Progress Report no. 303; 1987, p. 47
630.72 K419p

2605. Witt, W.W.
Powell, A.J.
Tapp, L.
Control of Wild Violets in Turf
Progress Report no. 303; 1987, p. 48-53
630.72 K419p

2606. Powell, A.J.
Tapp, L.
Witt, W.W.
Postemergence Crabgrass Control with Acclaim
Progress Report no. 303; 1987, p. 54-58
630.72 K419p

2607. Powell, A.J.
Tapp, L.
Spot Treatment of Weeds
Progress Report no. 303; 1987, p. 59-61
630.72 K419p

2608. Ely, D.G.
1987 Sheeprofit Day Proceedings
Progress Report no. 304; 1987, 15p.
630.72 K419p

2609. Silvia, W.J.
Homanics, G.E.
Embryonic Mortality in Sheep: Current Concepts and Research
Progress Report no. 304; 1987, p. 3-4
630.72 K419p

2610. Chappell, G.L.M.
Guide to Lamb Grading and Management
Progress Report no. 304; 1987, p. 5-6
630.72 K419p

2611. Bunting, L.D.
Boling, J.A.
Mineral and Nitrogen Metabolism in Lambs Fed or Abomasally-Infused with Potassium
Progress Report no. 304; 1987, p. 7-8
630.72 K419p

2612. Bunting, L.D.
Boling, J.A.
Effect of Dietary Sodium Bicarbonate on Growth and Nitrogen Status of Lambs Fed Diets Supplemented with Nonprotein Nitrogen
Progress Report no. 304; 1987, p. 8-9
630.72 K419p

2613. Seman, D.H.
Catherman, D.R.
Matsui, T.
Hayek, M.G.
Ely, D.G.
Westendorf, M.L.
^{14}C-Decoquinate Clearance by Ewes
Progress Report no. 304; 1987, p. 9-10
630.72 K419p

2614. Ely, D.G.
Deweese, W.P.
Performance of Finishing Lambs Supplemented with Lipid Coated Protein
Progress Report no. 304; 1987, p. 11-12
630.72 K419p

2615. Kemp, J.D.
Ely, D.G.
Deweese, W.P.
Comparison of Lamb Growing-Finishing Diets
Progress Report no. 304; 1987, p. 12-13
630.72 K419p

2616. Nicastro, F.
Moody, W.G.
Kemp, J.D.
Ely, D.G.
Histological Characteristics of Carcasses from Lambs Fed Different Sources and Levels of Dietary Protein
Progress Report no. 304; 1987, p. 14-15
630.72 K419p

2617. Van Sanford, D.A.
Tutt, C.R.
Pearce, W.L.
Swanson, C.S.
1987 Kentucky Small Grain Variety Trials
Progress Report no. 305; 1987, 18p.
630.72 K419p

Regulatory Bulletin - Kentucky Agricultural Experiment Station
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Regulatory Bulletin 1; 1918, 14p.
630.72 K419r

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Regulatory Bulletin 2; 1924, p. 1-12
630.72 K419r

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Cream Testing
Regulatory Bulletin 2; 1924, p. 13-26
630.72 K419r

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Regulatory Bulletin 2; 1924, p. 27-32
630.72 K419r

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Report of the Creamery License Section, July 1, 1918 to June 30, 1922
Regulatory Bulletin 3; 1922, 15p.
630.72 K419r

2623. Kentucky Seed Law
Regulatory Bulletin 4; 1932, 8p.
630.72 K419r

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Spears, H.D.
Terrell, W.G.
Amburgey, L.V.
Commercial Feeds and Their Use in Kentucky in 1933
Regulatory Bulletin 5; 1934, 84p.
630.72 K419r

2625. Price, W.A.
Vaughn, E.C.
Deen, E.
Taylor, J.
Marrs, A.
Seed Inspection in Kentucky, 1932-1934
Regulatory Bulletin 6; 1935, 15p.
630.72 K419r

2626. Turner, J.D.
Spears, H.D.
Terrell, W.G.
Amburgey, L.V.
Commercial Feeds in Kentucky in 1934
Regulatory Bulletin 7; 1935, 32p.
630.72 K419r

2627. Price, W.A.
Tilson, H.G.
Inspection and Certification of Nurseries in Kentucky with a Brief Report for the Year Ended June 1, 1935
Regulatory Bulletin 8; 1935, 11p.
630.72 K419r

2628. Foster, J.D.
Testing Cream and Milk for Butterfat
Regulatory Bulletin 9; 1936, 28p.
630.72 K419r

2629. Foster, J.D.
Testing Milk and Cream for Butterfat - Together with the Administration of Kentucky's Creamery License Law
Regulatory Bulletin 9; 1937, 40p.
630.72 K419r

2630. Turner, J.D.
Spears, H.D.
Terrell, W.G.
Amburgey, L.V.
Commercial Feeds in Kentucky in 1935
Regulatory Bulletin 10; 1936, 40p.
630.72 K419r

2631. Price, W.A.
Vaughn, E.C.
Deen, E.
Taylor, J.
Marrs, A.
Seed Inspection in Kentucky, 1934-1936
Regulatory Bulletin 11; 1937, 18p.
630.72 K419r

2632. Price, W.A.
Tilson, H.G.
Inspection, Certification and Transportation of Nursery Stock in Kentucky with a Brief Report for the Year Ended June 30, 1936
Regulatory Bulletin 12; 1937, 11p.
630.72 K419r

2633. Price, W.A.
Vaughn, E.C.
Deen, E.
Taylor, J.
Marrs, A.
Tilson, H.
Seed Inspection in Kentucky, 1936-1937
Regulatory Bulletin 13; 1937, 35p.
630.72 K419r

2634. Turner, J.D.
Spears, H.D.
Terrell, W.G.
Amburgey, L.V.
Commercial Feeds in Kentucky in 1936
Regulatory Bulletin 14; 1937, 56p.
630.72 K419r

2635. Turner, J.D.
Spears, H.D.
Terrell, W.G.
Rosenberg, J.J.
Commercial Feeds in Kentucky in 1937
Regulatory Bulletin 15; 1938, 48p.
630.72 K419r

2636. Price, W.A.
Vaughn, E.C.
Deen, E.
Taylor, J.
Marrs, A.
Tilson, H.
Seed Inspection in Kentucky, 1937-1938
Regulatory Bulletin 16; 1938, 24p.
630.72 K419r

2637. Price, W.A.
Tilson, H.G.
Inspection, Certification and Transportation of Nursery Stock in Kentucky with a Brief Report for the Year Ended June 30, 1938
Regulatory Bulletin 17; 1938, 18p.
630.72 K419r

2638. Curtis, H.E.
Allen, H.R.
Gault, L.
Analyses of Commercial Fertilizers
Regulatory Bulletin 18; 1939, 67p.
630.72 K419r

2639. Price, W.A.
Tilson, H.G.
Inspection, Certification and Transportation of Nursery Stock in Kentucky with a Brief Report for the Year Ended June 30, 1939
Regulatory Bulletin 19; 1939, 24p.
630.72 K419r

2640. Price, W.A.
Vaughn, E.C.
Deen, E.
Shacklette, H.T.
McDaniel, A.
Tilson, H.
Seed Inspection in Kentucky, 1938-1939
Regulatory Bulletin 20; 1939, 30p.
630.72 K419r

2641. Turner, J.D.
Spears, H.D.
Terrell, W.G.
Rose, J.J.
Commercial Feeds in Kentucky in 1938
Regulatory Bulletin 21; 1939, 53p.
630.72 K419r

2642. Curtis, H.E.
Allen, H.R.
Gault, L.
Turner, J.D.
Commercial Fertilizers in Kentucky in 1939
Regulatory Bulletin 22; 1940, 55p.
630.72 K419r

2643. Price, W.A.
Tilson, H.G.
Inspection, Certification and Transportation of Nursery Stock in Kentucky with a Brief Report for the Year Ended June 30, 1940
Regulatory Bulletin 23; 1940, 20p.
630.72 K419r

2644. Turner, J.D.
Spears, H.D.
Terrell, W.G.
Rose, J.J.
Commercial Feeds in Kentucky in 1939
Regulatory Bulletin 24; 1940, 50p.
630.72 K419r

2645. Price, W.A.
Vaughn, E.C.
Deen, E.
Tilson, H.
McDaniel, A.
Fried, K.
Seed Inspection in Kentucky, 1939-1940
Regulatory Bulletin 25; 1940, 32p.
630.72 K419r

2646. Turner, J.D.
Allen, H.R.
Gault, L.
Commercial Fertilizers in Kentucky in 1940
Regulatory Bulletin 26; 1941, 59p.
630.72 K419r

2647. Turner, J.D.
Randle, S.B.
Terrell, W.G.
Rose, J.J.
Commercial Feeds in Kentucky in 1940
Regulatory Bulletin 27; 1941, 48p.
630.72 K419r

2648. Price, W.A.
Didlake, M.
Vaughn, E.C.
Deen, E.
Tilson, H.
McDaniel, A.
Seed Inspection in Kentucky, 1940-41
Regulatory Bulletin 28; 1941, 23p.
630.72 K419r

2649. Price, W.A.
Tilson, H.G.
Inspection, Certification and Transportation of Nursery Stock in Kentucky with a Brief Report for the Year Ended June 30, 1941
Regulatory Bulletin 29; 1941, 16p.
630.72 K419r

2650. Turner, J.D.
Allen, H.R.
Gault, L.
Commercial Fertilizers in Kentucky in 1941
Regulatory Bulletin 30; 1942, 63p.
630.72 K419r

2651. Turner, J.D.
Randle, S.B.
Terrell, W.G.
Rose, J.J.
Commercial Feeds in Kentucky in 1941
Regulatory Bulletin 31; 1942, 52p.
630.72 K419r

2652. Price, W.A.
Tilson, H.G.
Inspection, Certification and Transportation of Nursery Stock in Kentucky with a Brief Report for the Year Ended June 30, 1942
Regulatory Bulletin 32; 1942, 18p.
630.72 K419r

2653. Price, W.A.
Didlake, M.
Vaughn, E.C.
Deen, E.
Tilson, H.
McDaniel, A.
Seed Inspection in Kentucky, 1941-42
Regulatory Bulletin 33; 1942, 35p.
630.72 K419r

2654. Turner, J.D.
Allen, H.R.
Gault, L.
Commercial Fertilizers in Kentucky in 1942
Regulatory Bulletin 34; 1943, 55p.
630.72 K419r

2655. Turner, J.D.
Randle, S.B.
Terrell, W.G.
Rose, J.J.
Commercial Feeds in Kentucky in 1942
Regulatory Bulletin 35; 1943, 44p.
630.72 K419r

2656. Price, W.A.
Vaughn, E.C.
Deen, E.
Tilson, H.
McDaniel, A.
Fried, K.
Seed Inspection in Kentucky, 1942-43
Regulatory Bulletin 36; 1943, 42p.
630.72 K419r

2657. Price, W.A.
Tilson, H.G.
Inspection, Certification and Transportation of Nursery Stock in Kentucky with a Brief Report for the Year Ended June 30, 1943
Regulatory Bulletin 37; 1943, 18p.
630.72 K419r

2658. Turner, J.D.
Allen, H.R.
Gault, L.
Commercial Fertilizers in Kentucky in 1943
Regulatory Bulletin 38; 1944, 55p.
630.72 K419r

2659. Turner, J.D.
Randle, S.B.
Terrell, W.G.
Rose, J.J.
Commercial Feeds in Kentucky in 1943
Regulatory Bulletin 39; 1944, 39p.
630.72 K419r

2660. Price, W.A.
Didlake, M.L.
Vaughn, E.C.
Deen, E.
Tilson, H.
McDaniel, A.
Seed Inspection in Kentucky, 1943-44
Regulatory Bulletin 40; 1944, 32p.
630.72 K419r

2661. Price, W.A.
Tilson, H.G.
Some Plant and Insect Problems of Kentucky Nurserymen During the Year Ended June 30, 1944
Regulatory Bulletin 41; 1944, 20p.
630.72 K419r

2662. Turner, J.D.
Allen, H.R.
Gault, L.
Commercial Fertilizers in Kentucky in 1944
Regulatory Bulletin 42; 1945, 51p.
630.72 K419r

2663. Turner, J.D.
Randle, S.B.
Terrell, W.G.
Rose, J.J.
Commercial Feeds in Kentucky in 1944
Regulatory Bulletin 43; 1945, 38p.
630.72 K419r

2664. Price, W.A.
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Some Items of Interest to Kentucky Nurserymen, for the Year Ended June 30, 1945
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630.72 K419r

2665. Price, W.A.
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Seed Inspection in Kentucky, 1944-45
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630.72 K419r

2666. Quarterly Report on Official Feed Samples Analyzed, Jan.-March, 1946
Regulatory Bulletin 46; 1946, 8p.
630.72 K419r

2667. Price, W.A.
Kentucky Pure Seed Law and its Administration
Regulatory Bulletin 47; 1946, 16p.
630.72 K419r

2668. Turner, J.D.
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Commercial Feeds in Kentucky in 1945
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630.72 K419r

2669. Turner, J.D.
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Commercial Fertilizers in Kentucky in 1945
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630.72 K419r

2670. Price, W.A.
Tilson, H.G.
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Regulatory Bulletin 50; 1946, 19p.
630.72 K419r

2671. Quarterly Report on Official Feed Samples Analyzed, April, May, and June, 1946
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630.72 K419r

2672. Price, W.A.
Deen, E.
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Seed Inspection in Kentucky, 1945-46
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630.72 K419r

2673. Analyses of Official Fertilizer Samples, Semi-annual Report January-June, 1946
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630.72 K419r

2674. Quarterly Report on Official Feed Samples Analyzed, in July, August, and September, 1946
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630.72 K419r

2675. Commercial Fertilizers in Kentucky, 1946; Including a Report on Official Fertilizer Samples Analyzed, July-December, 1946
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630.72 K419r

2676. Price, W.A.
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Regulatory Bulletin 56; 1947, 24p.
630.72 K419r

2677. Commercial Feeds in Kentucky, 1946; Including Report on Official Feed Samples Analyzed, October – December, 1946
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630.72 K419r

2678. Quarterly Report on Official Feed Samples Analyzed, in January, February, and March, 1947
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630.72 K419r

2679. Seed Inspection in Kentucky, 1946-47; Annual Report for the Year July 1, 1946 to June 30, 1947
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630.72 K419r

2680. Analyses of Official Fertilizer Samples, Semi-annual Report January-June, 1947
Regulatory Bulletin 60; 1947, 20p.
630.72 K419r

2681. Quarterly Report on Official Feed Samples Analyzed, April, May, and June, 1947
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630.72 K419r

2682. Quarterly Report on Official Feed Samples Analyzed, in July, August, and September, 1947
Regulatory Bulletin 62; 1948, 34p.
630.72 K419r

2683. Commercial Feeds in Kentucky, 1947; Including Report on Official Feed Samples Analyzed, October - December, 1947
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630.72 K419r

2684. Quarterly Report on Official Feed Samples Analyzed, in January, February, and March, 1948
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630.72 K419r

2685. Commercial Fertilizers in Kentucky, 1947; Including a Report on Official Fertilizer Samples Analyzed, July-December, 1947
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2686. Quarterly Report on Official Feed Samples Analyzed, April, May, and June, 1948
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630.72 K419r

2687. Price, W.A.
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2688. Seed Inspection in Kentucky, 1947-48; Annual Report for the Year May 1, 1947 to April 30, 1948
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630.72 K419r

2689. Analyses of Official Fertilizer Samples, Semi-annual Report January-June, 1948
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630.72 K419r

2690. Quarterly Report on Official Feed Samples Analyzed, in July, August, and September, 1948
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630.72 K419r

2691. Commercial Feeds in Kentucky, 1948; Including Report on Official Feed Samples Analyzed, October-December, 1948
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630.72 K419r

2692. Quarterly Report on Official Feed Samples Analyzed, in January, February, and March, 1949
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2693. Commercial Fertilizers in Kentucky, 1948; Including a Report on Official Fertilizer Samples Analyzed, July-December, 1948
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2694. Quarterly Report on Official Feed Samples Analyzed, April, May, and June, 1949
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630.72 K419r

2695. Price, W.A.
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2696. Analyses of Official Fertilizer Samples, Semi-annual Report January-June, 1949
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630.72 K419r

2697. Quarterly Report on Official Feed Samples Analyzed, July, August, and September, 1949
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2698. Seed Inspection in Kentucky, 1948-49; Annual Report for the Year May 1, 1948 to April 30, 1949
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2699. Commercial Feeds in Kentucky, 1949; Including Report on Official Feed Samples Analyzed, October - December, 1949
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2700. Commercial Fertilizers in Kentucky, 1949; Including a Report on Official Fertilizer Samples Analyzed, July-December, 1949
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630.72 K419r

2701. Quarterly Report on Official Feed Samples Analyzed, January, February, and March, 1950
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630.72 K419r

2702. Seed Inspection in Kentucky, 1949-50; Annual Report for the Year May 1, 1949 to April 30, 1950
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630.72 K419r

2703. Price, W.A.
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630.72 K419r

2704. Analyses of Official Fertilizer Samples, Semi-annual Report January-June, 1950
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2705. Quarterly Report on Official Feed Samples Analyzed, April, May, and June, 1950
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2706. Quarterly Report on Official Feed Samples Analyzed, July, August, and September, 1950
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2707. Commercial Fertilizers in Kentucky, 1950; Including a Report on Official Fertilizer Samples Analyzed, July-December, 1950
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2708. Commercial Feeds in Kentucky, 1950; Including Report on Official Feed Samples Analyzed, October - December, 1950
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2709. Quarterly Report on Official Feed Samples Analyzed, in January, February, and March, 1951
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2710. Seed Inspection in Kentucky, 1950-51; Annual Report for the Year May 1, 1950 to April 30, 1951
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2711. Price, W.A.
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2712. Quarterly Report on Official Feed Samples Analyzed, April, May, and June, 1951
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2713. Analyses of Official Fertilizer Samples, Semi-annual Report January-June, 1951
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2714. Quarterly Report on Official Feed Samples Analyzed, in July, August, and September, 1951
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2715. Commercial Feeds in Kentucky, 1951; Including Report on Official Feed Samples Analyzed, October - December, 1951
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2716. Commercial Fertilizers in Kentucky, 1951; Including a Report on Official Fertilizer Samples Analyzed, July-December, 1951
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2717. Quarterly Report on Official Feed Samples Analyzed, in January, February, and March, 1952
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2718. Seed Inspection in Kentucky, 1951-52; Annual Report for the Year May 1, 1951 to April 30, 1952
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630.72 K419r

2719. Price, W.A.
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2720. Quarterly Report on Official Feed Samples Analyzed, April, May, and June, 1952
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2721. Analyses of Official Fertilizer Samples, Semi-annual Report January-June, 1952
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2722. Quarterly Report on Official Feed Samples Analyzed, in July, August, and September, 1952
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2723. Commercial Feeds in Kentucky, 1952; Including Report on Official Feed Samples Analyzed, October - December, 1952
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2724. Commercial Fertilizers in Kentucky, 1952; Including a Report on Official Fertilizer Samples Analyzed, July-December, 1952
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2725. Seed Inspection in Kentucky, 1952-53; Annual Report for the Year May 1, 1952 to April 30, 1953
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2726. Quarterly Report on Official Feed Samples Analyzed, in January, February, and March, 1953
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2727. Price, W.A.
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2728. Quarterly Report on Official Feed Samples Analyzed, April, May, and June, 1953
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2729. Analyses of Official Fertilizer Samples, Semi-annual Report January-June, 1953
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2730. Quarterly Report on Official Feed Samples Analyzed, July, August, and September, 1953
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2731. Commercial Fertilizers in Kentucky, 1953; Including a Report on Official Fertilizer Samples Analyzed, July-December, 1953
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2732. Commercial Feeds in Kentucky, 1953; Including Report on Official Feed Samples Analyzed, October - December, 1953
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2733. Seed Inspection in Kentucky, 1953-54; Annual Report for the Year May 1, 1953 to April 30, 1954
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2734. Quarterly Report on Official Feed Samples Analyzed, in January, February, and March, 1954
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2735. Price, W.A.
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2736. Quarterly Report on Official Feed Samples Analyzed, April, May, and June, 1954 Regulatory Bulletin 116; 1954, 46p.
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2737. Quarterly Report on Official Feed Samples Analyzed, July, August, and September, 1954
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2738. Analyses of Official Fertilizer Samples, Semi-annual Report Spring Season January-June, 1954
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2739. Commercial Feeds in Kentucky, 1954; Including Report on Official Feed Samples Analyzed, October - December, 1954
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2740. Quarterly Report on Official Feed Samples Analyzed, in January, February, and March, 1955
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2742. Seed Inspection in Kentucky, 1954-55; Annual Report for the Year May 1, 1954 to April 30, 1955
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2743. Quarterly Report on Official Feed Samples Analyzed, in April, May and June, 1955
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2744. Analyses of Official Fertilizer Samples, Semi-annual Report Spring Season January-June, 1955
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2745. Quarterly Report on Official Feed Samples Analyzed, July, August, and September, 1955
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2746. Price, W.A.
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2747. Commercial Feeds in Kentucky, 1955; Including Report on Official Feed Samples Analyzed, October - December, 1955
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2748. Commercial Fertilizers in Kentucky, 1955; Including a Report on Official Fertilizer Samples Analyzed, July-December, 1955
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2749. Seed Inspection in Kentucky, 1955-56; Annual Report for the Year May 1, 1955 to April 30, 1956
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2750. Price, W.A.
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2751. Quarterly Report on Official Feed Samples Analyzed, in January, February, and March, 1956
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2752. Quarterly Report on Official Feed Samples Analyzed, in April, May and June, 1956
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2753. Analyses of Official Fertilizer Samples, Semi-annual Report Spring Season January-June, 1956
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2754. Quarterly Report on Official Feed Samples Analyzed, in July, August, and September, 1956
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2755. Commercial Fertilizers in Kentucky, 1956; Including a Report on Official Fertilizer Samples Analyzed, July-December, 1956
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2756. Commercial Feeds in Kentucky, 1956; Including Report on Official Feed Samples Analyzed, October - December, 1956
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2757. Seed Inspection in Kentucky, 1956-57; Annual Report for the Year May 1, 1956 to April 30, 1957
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2758. Quarterly Report on Official Feed Samples Analyzed, in January, February, and March, 1957
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2759. Price, W.A.
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2760. Quarterly Report on Official Feed Samples Analyzed, in April, May and June, 1957
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2762. Quarterly Report on Official Feed Samples Analyzed, July, August, and September, 1957
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2763. Commercial Fertilizers in Kentucky, 1957; Including a Report on Official Fertilizer Samples Analyzed, July-December, 1957
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2764. Commercial Feeds in Kentucky, 1957; Including Report on Official Feed Samples Analyzed, October - December, 1957
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2765. Kentucky Economic Poisons Report, 1956 through 1957
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2766. Quarterly Report on Official Feed Samples Analyzed, January, February, and March, 1958
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2767. Seed Inspection in Kentucky, 1957-58; Annual Report for the Year May 1, 1957 to April 30, 1958
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2768. Annual Report of the Kentucky Plant Pest Control Law and its Administration, for the Year Ended June 30, 1958
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2769. Analyses of Official Fertilizer Samples, Semi-annual Report Spring Season January-June, 1958
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2770. Quarterly Report on Official Feed Samples Analyzed, April, May, and June, 1958
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2771. Quarterly Report on Official Feed Samples Analyzed, July, August, and September, 1958
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2772. Commercial Fertilizers in Kentucky, 1958; Including a Report on Official Fertilizer Samples Analyzed, July-December, 1958
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2773. Kentucky Economic Poisons Report for 1958
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2774. Commercial Feeds in Kentucky, 1958; Including Report on Official Feed Samples Analyzed, October - December, 1958
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2775. Seed Inspection in Kentucky, 1958-1959; Annual Report for the Year May 1, 1958 to April 30, 1959
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630.72 K419r

2776. Townsend, L.H.
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2777. Analyses of Official Fertilizer Samples, Semi-annual Report Spring Season January-June, 1959
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2778. Commercial Fertilizers in Kentucky, 1959; Including a Report on Official Fertilizer Samples Analyzed, July-December, 1959
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2779. Kentucky Economic Poisons Report, 1959
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2780. Commercial Feeds in Kentucky, 1959
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2781. Seed Inspection in Kentucky, 1959-1960; Annual Report for the Year May 1, 1959 to April 30, 1960
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2782. Townsend, L.H.
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2783. Analyses of Official Fertilizer Samples, Semi-annual Report Spring Season January-June, 1960
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2784. Kentucky Economic Poisons Report, 1960
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2785. Commercial Feeds in Kentucky, 1960
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2786. Commercial Fertilizers in Kentucky, 1960; Including a Report on Official Fertilizer Samples Analyzed, July-December, 1960
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2787, Seed Inspection in Kentucky, 1960-1961; Annual Report for the Year May 1, 1960 to April 30, 1961
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2791. Commercial Feeds in Kentucky, 1961
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2792. Seed Inspection in Kentucky, 1961-62; Annual Report for the Year May 1, 1961 to April 30, 1962
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2793. Townsend, L.H.
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2796. Kentucky Economic Poisons Report, 1962
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2799. Analyses of Official Fertilizer Samples, Semi-annual Report Spring Season January-June, 1963
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2801. Kentucky Economic Poisons Report, 1963
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2809. Commercial Feeds in Kentucky, 1965
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2813. Kentucky Economic Poisons Report, 1966
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2818. Seed Inspection in Kentucky, 1963-67; Annual Report for the Years May 1, 1963 to December 30, 1967
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2824. Commercial Feeds in Kentucky, 1969
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2826. Report of Analyses of Official Fertilizer Samples, July 1970 - June 1971
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2827. Kentucky Economic Poisons Report, 1970
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2839. Annual Report Analyses of Official Fertilizer Samples, July 1974 - June 1975
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2840. Commercial Feeds in Kentucky, 1975
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2841. Annual Report Analyses of Official Fertilizer Samples, July 1975 - June 1976
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