

Publications
of the
**Kansas Agricultural
Experiment Station
1888 to 2012**

Agricultural Experiment Station
Kansas State University, Manhattan

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Introduction

This list includes titles for the following categories of publications: Annual Report and Biennial Report, Bulletin (including Press Bulletin), Circular, Inspection Circular, Keeping Up With Research, Report of Progress, Technical Bulletin, and Research Publication.

Circulars, inspection circulars, press bulletins, technical bulletins, and research publications are no longer published. Some annual publications have been issued in two or more categories, as those categories were redefined. Titles of some annual publications also have changed.

Research from each experiment field was published as a separate Report of Progress from 1975-80 and then as a Department Report from 1980-91. The latter series is available from the Department of Agronomy at Kansas State University or from the appropriate experiment fields. Since 1992, research results from all fields have been combined in one Report of Progress.

Names of branch experiment stations have changed through the years. The Garden City and Tribune branch stations were combined to form the Southwest Branch Experiment Station. This name was changed recently to the Southwest Research-Extension Center. The Mound Valley Branch Experiment Station was combined with two other locations to form the Southeast Branch Experiment Station, which is now called the Southeast Agricultural Research Center. The Fort Hays Branch Experiment Station was renamed the Agricultural Research Center-Hays. The Colby Branch Experiment Station was renamed the Northwest Research-Extension Center.

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Annual and Biennial Reports

Annual Reports of the Kansas Agricultural Experiment Station—1888 to 1919

Biennial Reports of the Kansas Agricultural Experiment Station—1919-1920 to 2001.

Bulletins

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| 1. Organization, Equipment, and Aims, 1888
E.M. Shelton, 6 pp. | 15. Additional Experiments and Observations on
Oat Smut, 1890, W.A. Kellerman,
W.T. Swingle, 40 pp. |
| 2. Experience with Cultivated Grasses and Clo-
vers, E.M. Shelton, 13 pp. | 16. Experiments with Sorghum and Sugar Beets,
G.H. Failyer, J.T. Willard, 15 pp. |
| 3. Life-History of Two Orchard Pests,
E.A. Popenoe, 13 pp. | 17. Crossed Varieties of Corn, Second and Third
Years, W.A. Kellerman, W.T. Swingle, 25 pp. |
| 4. Experiments with Wheat, E.M. Shelton, 6 pp. | 18. Experiments with Forage Plants, C.C. George-
son, H.M. Cottrell, W.M. Shelton, 17 pp. |
| 5. Sorghum and Sorghum Blight, G.H. Failyer,
W.A. Kellerman, 10 pp. | 19. Germination of Weeviled Peas. Garden Notes
on Potatoes, Beans and Cabbage, E.A. Pope-
noe, S.C. Mason, F.A. Marlatt, 10 pp. |
| 6. Silos and Ensilage, 1889, E. M. Shelton, 14 pp. | 20. Experiments with Wheat, 1891, C.C.
Georgeson, H.M. Cottrell, W.M. Shelton, 44 pp. |
| 7. Experiments with Wheat, E. M. Shelton, 11 pp. | 21. 2nd Report of Fungicides for Stinking Smut of
Wheat, W.A. Kellerman, 27 pp. |
| 8. Preliminary Report on Smut in Oats,
W.A. Kellerman, W.T. Swingle, 17 pp. | 22. Smut of Oats; Smut and Rust of Wheat, W.A.
Kellerman, 21 pp. |
| 9. Experiment in Pig Feeding, E.M. Shelton,
H.M. Cottrell, 18 pp. | 23. Smut of Sorghum & Corn, W.A. Kellerman,
14 pp. |
| 10. Notes on Conifers for Kansas Planters, 1890,
E.A. Popenoe, S.C. Mason, F.A. Marlatt, 11 pp. | 24. Enzootic Cerebritis, or "Staggers" of Horses,
N.S. Mayo, 11 pp. |
| 11. Experiments with Wheat, C.C. Georgeson,
H.M. Cottrell, W.M. Shelton, 12 pp. | 25. Sorghum for Sugar, G.H. Failyer, J.T. Willard,
9 pp. |
| 12. Preliminary Experiments with Fungicides for
Stinking Smut of Wheat,
W.A. Kellerman, W.T. Swingle, 25 pp. | 26. Varieties of the Strawberry, E.A. Popenoe, S.C.
Mason, 12 pp. |
| 13. Experiments with Oats, C.C. Georgeson,
H.M. Cottrell, W.M. Shelton, 28 pp. | 27. Crossed Varieties of Corn, W.A. Kellerman, 20
pp. |
| 14. Winter Protection of Peach Trees and Notes
on Grapes, E.A. Popenoe, S.C. Mason, F.A.
Marlatt, 12 pp. | |

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28. The Experimental Vineyard, 1891,
E.A. Popenoe, S.C. Mason, 10 pp.
29. Experiments with Oats, C.C. Georgeson,
F.C. Burtis, W.M. Shelton, 12 pp.
30. Experiments with Corn, C.C. Georgeson,
F.C. Burtis, W.M. Shelton, 27 pp.
31. Sugar Beets, G.H. Failyer, J.T. Willard, 15 pp.
32. Feeding Stuffs, and the Development of the
Grain Crops. Soybeans, 18 pp.
33. Experiments with Wheat, 1892, C.C. George-
son, F.C. Burtis, W.M. Shelton, 50 pp.
34. Experiments in Feeding Steers, C.C. George-
son, F.C. Burtis, W.M. Shelton, 52 pp.
35. “Actinomycosis bovis”, or “Lumpy Jaw” of
Cattle. Some Observations upon Loco, N.S.
Mayo, 24 pp.
36. Experiments with Sorghum and with Sugar
Beets, G.H. Failyer, J.T. Willard, 30
pp.
37. Experiments in Potato Culture, E.A. Popenoe,
S.C. Mason, F. A. Marlatt, 13 pp.
38. Preliminary Report on Rusts of Grain, 1893,
A.S. Hitchcock, C. A. Carleton, 19 pp.
39. Experiments in Feeding Steers, II,
C.C. Georgeson, F.C. Burtis, D.H. Otis, 39 pp.
40. Experiments in Wheat, C.C. Georgeson, F.C,
Burtis, D.H. Otis, 12 pp.
41. Effect of Fungicides upon the Germination of
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E.A. Popenoe, S.C. Mason, 13 pp.
45. Experiments with Corn, C.C. Georgeson,
F.C. Burtis, D.H. Otis, 21 pp.
46. Rusts of Grain II, 1894, A.S. Hitchcock,
C. A. Carleton, 9 pp.
47. Experiments with Wheat Experiments in Feed-
ing Steers III, C.C. Georgeson, F.C.
Burtis, D.H. Otis, 22 pp.
48. Six Years’ Experience with Ensilage. Some
Forage Plants. Renovating a Prairie Pasture,
C.C. Georgeson, F.C. Burtis, D.H. Otis, 22 pp.
49. Cattle Poisoning by Nitrate of Potash. Mastitis,
1895, N.S. Mayo, 16 pp.
50. Kansas Weeds I. Seedlings, A.S. Hitchcock,
J.B.S. Norton, 41 pp.
51. Steer Feeding IV. A Comparison between
Pure-bred Shorthorns and Scrubs, C.C. George-
son, F.C. Burtis, D.H. Otis, 39 pp.
52. Kansas Weeds. Preliminary Circular on Distri-
bution, A.S. Hitchcock, J.B.S. Norton, 17pp.
(inc. weed reporting form)
53. Pig-feeding Experiments with Corn, Wheat,
Kafir-corn, and Cottonseed, C.C. Georgeson,
F.C. Burtis, D.H. Otis, 12 pp.
Note errata sheet.
54. Experiments with Oats, C.C. Georgeson,
F.C. Burtis, D.H. Otis, 11 pp.
55. Small Fruits by Irrigation. Culture of
Strawberries, S.C. Mason, F.C. Sears, 23 pp.
56. Experiments with Corn Experiments with
Kafir-corn, 1895, C.C. Georgeson,
F.C. Burtis, D.H. Otis, 20 pp.
57. Kansas Weeds III. Descriptive List, 1896
A.S. Hitchcock, J.B.S. Norton, 64 pp.

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| 58. | Cornstalk Disease of Cattle, 1896, N.S. Mayo, 24 pp. | 75. | Root Development of Forage Plants, 1897, C.C. Georgeson, J.E. Payne, 17 pp. |
| 59. | Experiments with Wheat, C.C. Georgeson, F.C. Burtis, D.H. Otis, 17 pp. | 76. | Fifth Report on Kansas Weeds. Vegetative Propagation of Perennial Weeds, 1898, A.S. Hitchcock, G.L. Clothier, 36 pp. |
| 60. | Steer-feeding Experiments, Series V C.C. Georgeson, F.C. Burtis, D.H. Otis, 40 pp. | 77. | Some Insects Injurious to the Orchard, E.E. Faville, P.J. Parrott, 38 p. + 4 p. Calendar |
| 61. | Kafir-corn, Corn and Soybean Meal for Pigs. Kafir-corn and Cornmeal for Cattle, C.C. Georgeson, F.C. Burtis, D.H. Otis, 22 pp. | 78. | Sugar Beets, J.T. Willard, 16 pp. |
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| 63. | Experiments with Oats, C.C. Georgeson, F.C. Burtis, D.H. Otis, 14 pp. | 80. | Kansas Weeds VI. Distribution and Other Notes, A.S. Hitchcock, G.L. Clothier, 52 pp. |
| 64. | Experiments with Corn, 1897, C.C. Georgeson, F.C. Burtis, D.H. Otis, 20 pp. | 81. | Feed and Care of the Dairy Cow, 1898, H.M. Cottrell, F.C. Burtis, D.H. Otis, 38 pp. |
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| 70. | Vegetable Growing, S.C. Mason, W.L. Hall, 33 p. | 1. | Wheat Experiments |
| 71. | Experiments with Wheat, C.C. Georgeson, F.C. Burtis, D.H. Otis, 12 pp. | 2. | Keeping Milk in Hot Weather |
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| 73. | Miscellaneous Fruit Notes, S.C. Mason, W.L. Hall, 13 pp. | 4. | Soil Moisture and Soil Stirring |
| 74. | Experiments with Oats, F.C. Burtis, D.H. Otis, 17 pp. | 5. | Blackleg |
| | | 6. | The Sand Plum |
| | | 7. | Kaffir Corn for Fattening Pigs |
| | | 8. | Some Reasons Why Fruit Does Not Set |
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15. Kansas Sugar Beets for 1898
16. Actinomycosis (Lump Jaw, Big Jaw)
17. Hardy Ornamental Shrubs
18. Notes on Weeds
19. The Potato-Stalk Weevil
20. Possibilities in Corn Improvement
21. Winter Protection of Peach Buds
22. Grazing Grasses of Western Kansas
23. The Spring Canker-Worm
24. A New Crop for Kansas Farmers (Soybeans)
25. Alfalfa Hay for Fattening Hogs
26. *Taenia fimbriata* (Fringed Tape-Worm)
27. Sugar Beet Experiments for 1899
28. Treatment of Winter-Injured Trees
29. Milking Scrub Cows
30. Lice on Animals
31. Potato Scab
32. Blackleg (A) Prevention
33. Blackleg (B) Treatment--Prevention
34. Get Ready for the Drouth
87. Native Agricultural Grasses of Kansas, 1899, A.S. Hitchcock, G.L. Clothier, 29 pp.
88. Keeping Milk in Summer, H.M. Cottrell, F.C. Burtis, D.H. Otis, 6 pp.
89. Soil Moisture, J.T. Willard, R.W. Clothier, 22 pp.
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91. Swine-Plague, P. Fischer, 14 pp.
92. A New Drought-resisting Crop. Soybeans, H.M. Cottrell, D.H. Otis, J. G. Haney, 10 pp.
93. Kafir-corn, H.M. Cottrell, D.H. Otis, J. G. Haney, 20 pp.
94. Sugar Beets, 1899. J.T. Willard, R.W. Clothier, 7 pp.
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97. Skim-milk Calves, H.M. Cottrell, D.H. Otis, J. G. Haney, 16 pp.
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99. Press Bulletins Nos. 35-70
35. Dysentery in Calves and Other Young Animals
36. Experiments with Swine-Plague or Hog-Cholera
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38. What is a Digestion Experiment?
39. Skim-milk Calves
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48. The Kansas Experiment Station
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50. Infectious Abortion in Cattle
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59. How to Test the Vitality of Garden Seeds
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| 102. | Forage Plants for Kansas, A.S. Hitchcock, J.M. Westgate, 58 pp. | 76. | Sugar Beets in Kansas, 1900 |
| 103. | Digestion Experiments with Kansas Feeds. Sugar Beets in Kansas 1891 to 1900, J.T. Willard, R.W. Clothier, 34 pp. | 77. | Honeysuckles at the Kansas Station |
| 104. | Fall Seeding of Alfalfa, H.M. Cottrell, 6 pp. | 78. | Johnson Grass |
| 105. | Blackleg in Kansas, P. Fischer, A. Kinsley, 23 p. | 79. | A Digestion Experiment with Buffalo-grass Hay |
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| 107. | Analysis of Corn, with Reference to Its Improvement, J.T. Willard, R.W. Clothier, F.C. Weber, 42 pp. | 81. | Soybeans in Kansas in 1900 |
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99. Fall Seeding of Alfalfa
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102. Maintenance Ration for Cattle
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107. Cerebritis or "Staggers" in Horses
108. Destroying Prairie-dogs--A Preliminary Report
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113. Pasture Weeds--Their Prevention and Eradication
114. Whole Kafir-corn Compared with Ground Kafir-corn for Young Calves
115. Contagious Sore Eyes in Cattle
116. Glanders and Farcy
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118. Scab or Itch in Cattle
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120. Better Bred Grain and Corn for Kansas
121. Fistulous Withers and Poll-evil
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122. Blackleg and Vaccination, N.S. Mayo, C.L. Barnes, 16 pp.
123. Crop Experiments in 1903, A.M. Ten Eyck, V.M. Shoesmith, 67 pp.
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125. Experiments with Dairy Cows, 1904, D.H. Otis, 103 pp.
126. Experiments with Hand-fed Calves, D.H. Otis, 36 pp.
127. The Roots of Plants A.M. Ten Eyck, 55 pp.
128. Experiments at the Fort Hays Branch Station, J.G. Haney, O.H. Elling, 78 pp.
129. Kansas Mammals in Their Relation to Agriculture, D.E. Lantz, 72 pp.
130. Steer-Feeding Experiment, VII-1903-1904, O. Erf, R.J. Kinzer, G.C. Wheeler, 7 pp.
131. Care of Dairy Utensils, 1905, O. Erf, C.W. Melick, 12 pp.
132. Western Feeds for Beef Production 1906, J.G. Haney, O.H. Elling, G.K. Helder, 32 pp.
133. Alfalfa Seed Its Alduterants, Substitutes and Impurities and Their Detection, 1906, J.G. Haney, O.H. Elling, G.K. Helder, 32 pp.
134. The Alfalfa Seed-crop and Seeding Alfalfa, A.M. Ten Eyck, 19 p.
135. Grading Cream, O. Erf, 12 p.
136. Press Bulletins Nos. 125-151
125. Meadow Fescue
126. Corn Ensilage for Steers
127. Rabies, or Hydrophobia
128. Preventive Work against the Hessian Fly
129. *Bromus Inermis*
130. Poison for Prairie-Dogs and Other Rodents
131. Warbles or Grubs in Cattle
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| 354. 1957 Experiment Station Results with Fall Seeded Wheat, Barley, Oats and Rye 8/57 | 373. Experiment Station Results with Fall-Seeded Wheat, Oats, Barley 9/59 |
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| | 379. 1960 Experiment Station Results with Fall-Seeded Wheat, Barley, Oats |

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| 380. | Johnsongrass in Kansas 9/60 | 396. | Preparing a Research Manuscript 12/67 |
| 381. | Cody Alfalfa 3/61 | 397. | Efficient Distribution of Petroleum Products to Farms 8/71 |
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| 383. | Livestock Feeders' Day 3/61 | 399. | Reforestation of Kansas Coal Spoils |
| 384. | Kansas Laws for Farm Landlords and Tenants 5/62 | 400. | Woodstalk. A Guide to Trees at KSU |
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| 1. Analyses of Inspection Samples of Fertilizers | 11. Kansas State Live Stock Registry Board |
| 2. List of Stallions Licensed from October 1, 1915 to October 1, 1916 | 12. Report on Commercial Fertilizers in 1919 |
| 3. Analyses of Inspection Samples of Fertilizers, 1915-1916 | 13. Kansas State Live Stock Registry Board |
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| 5. Feed Registration under the Kansas Feeding-stuffs Law | 15. State Live Stock Registry Board |
| 6. Kansas State Live Stock Registry Board | 16. Fertilizer Control in 1920 |
| 7. Analyses of Inspection Samples of Fertilizers, 1917 | 17. The Enforcement of the Kansas Live Stock Remedy Law |
| 8. Kansas State Live Stock Registry Board | 18. Fertilizer Control in 1921 |
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1. Report of 1973 Herbicide Data
2. Controlling Johnsongrass in Soybeans
3. Herbicides for Weeds in Soybeans
4. Soil Tillage Effects on Soil Moisture and Grain Sorghum Yield
5. Controlling Velvetleaf in Soybeans with Basagran
6. Forage from Small Grain Crops
7. Controlling Wheat-Streak Mosaic
8. Bermudagrass Varieties in Southeastern Kansas
9. 1974 Soybean Herbicide Performance in Southeastern Kansas
10. Creep Feeding Fall Calves on Fescue Pasture
11. Roughage Sources for Growing Heifers Evaluated
12. Feeding Holstein Bulls and Steers for Beef Production
13. Continuous and Interrupted, Supplemental Protein Feeding Compared
14. Two Ways to Fight Alfalfa Weevils
15. Report of 1974 Herbicide Data
16. How Planting Date and Maturing Time Influence Losses of Irrigated Corn to Southwestern Corn Borers
17. Irrigating Corn and Grain Sorghum with Limited Water
18. Irrigating Soybeans with Limited Water
19. Irrigating Corn in Extreme West-Central Kansas
20. Effect of Mud on the Market Value of Slaughter Cattle
21. Killing Unwanted Trees with Tordon 101 Mixture
22. Report of 1975 Herbicide Data
23. Graze First-Year Native Grass Plantings
24. Legume Rotations-Crop Yields and Nitrogen Fixation
25. Controlling Weeds in Wheat Stubble in Extreme Western Kansas
26. Controlling Soilborne Wheat Mosaic
27. Summer Injection of 2,4-D and Tordon Herbicides to Control Unwanted Trees in Kansas Woodlands
28. Seasonal Pasture for Ewes in Northwestern Kansas
29. Report of 1976 Herbicide Data
30. An Easy Method of Estimating Potential Evapotranspiration
31. Effect of Soil Moisture Depletion on Soybeans
32. Evapotranspiration from Corn, Sorghum, Soybean, and Winter Wheat
33. Two-year Test Results Suggest Caution with Dinoseb as a Yield Stimulant for Corn or Grain Sorghum
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| 36. Flowering Crabapple Evaluations, 1972-77 | 55. Tillage and No-preplant Tillage Compared for Grain Sorghum and Soybean |
| 37. Managing Southwestern Corn Borer Populations in Irrigated Kansas Corn | 56. Chinch Bug Resistance in Commercial Grain and Forage Sorghum Hybrids |
| 38. Residual Effects of Phosphorus on Dryland Grain Sorghum (Milo) | 57. Insecticides Applied at Planting Time or as Foliar Sprays to Control Chinch Bugs on Grain Sorghum |
| 39. Limited Irrigation of Grain Sorghum | 58. Yield and Water Use of Alfalfa |
| 40. Interseeding Legumes Into Cool-season Grasses | 59. Conventional and Reduced Tillage Methods in Corn Production |
| 41. Managing Irrigated Crop Residue | 60. Field Comparisons of Irrigation Scheduling by Neutron Probe and a Computerized Water Balance |
| 42. Using Foliar and Planting-time Insecticides to Control Chinch Bugs in Grain Sorghum | 61. Nitrogen Fertilization of Dryland Wheat in Southwest Kansas |
| 43. Data Needs of Kansas Park and Recreation Agency Administrators | 62. High Population, Narrow Row Dryland Sorghum for Southwest Kansas |
| 44. Overseeding Bermudagrass to Cool-season Grasses | 63. Selecting Sorghum Hybrids for the Wheat Sorghum Fallow System in Southwest Kansas |
| 45. Using a Programmable Calculator to Schedule Irrigation | 64. Production by Crossbred Ewes (Finn-Dorset x Rambouillet) in Northwestern Kansas |
| 46. Nematicide Treatment of Corn in Western Kansas | 65. Herbicides for Use on High pH Soils in the Wheat Fallow System in Southwest Kansas |
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| 51. How Burning and Other Methods of Removing Irrigated Crop Residues Affect Yields and Soils | 70. Proso Millet as a Crop Alternative |
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| 71. Pale Western Cutworm Control on Wheat | 89. Competition and Control of Annual Bromes in Winter Wheat |
| 72. Phosphate Fertilizer Management for Irrigated Corn Production | 90. Disease Reaction of Sorghum Hybrids to Infection by Maize Dwarf Mosaic Virus Strains A and B |
| 73. Soil Wetting Agents | |
| 74. Effect of Seed Size and Density on Winter Wheat Performance (74R 6/84) | 91. Lifetime Production Performance by Suffolk x Rambouillet Ewes in Northwestern Kansas |
| 75. Greenbug Control on Grain Sorghum | 92. Field Evaluation of Insecticides for Control of Alfalfa Weevil Larvae |
| 76. Research on Wheat-Sorghum-Fallow in Western Kansas | 93. Use-Value Appraisal of Farmland |
| 77. Pearl Millet: A Potential Crop for Kansas | 94. Continuous Cropping of Dryland Grain Sorghum |
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| 79. Effectiveness of Paraquat as Influenced by Carrier Volume and Climatic Conditions 6/84 | 96. Raw Soybeans in the Diets of Sheep |
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| 82. Predicting Pecan Nut Casebearer Activity in Southeast Kansas 10/84 | 99. Pinching Poinsettia Cultivars |
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| 85. Disease Reaction of Sorghum Hybrids to Infection by Maize Dwarf Mosaic Virus Strains A and B | 102. Winter Wheat Performance Following Seed Treatment in South Central Kansas 12/91 |
| 86. Performance Test of Birdsfoot Trefoil in Eastern Kansas | 103. Days Suitable for Field Work in Kansas 2/92 |
| 87. Fall Application of Herbicides for Musk Thistle Control | 104. Symptom Response of Sorghum Hybrids Infected by Sugarcane Mosaic Virus Strain MDMV-B 12/92 |
| 88. Fall-Applied Herbicides for Eliminating Endophyte-infested Fescue | |

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| 105. Effects of Early-Cutting Management on Forage Yield and Quality of Alfalfa in Northeast Kansas 4/93 | 121. Field Symptom Response of Sorghum Hybrids Infected by Maize Dwarf Mosaic Virus, Sugarcane Mosaic Virus Strain MDMV-B, and Johnsongrass Mosaic Virus, 1998, D.L. Seifers |
| 106. Using Reduced Rates of Postemergence Herbicides in Soybeans 7/93 | 122. Protect Streambanks with Trees, 1998, W.A. Geyer, 3 pp. |
| 107. Evaluation of Late Planting Opportunities for Winter Wheat 11/94 | 123. Inhibition of Wheat by Sorghum Residue Under Several Tillage Systems 1999, C. Roth, 4 pp. |
| 108. Soybean Choices for Iron Deficient Soils 5/95 | 124. Preharvest Sprouting of Hard Red and Hard White Wheats in Kansas, 1999, K. Roozeboom, 6 pp. |
| 109. Interseeding Alfalfa into Declining Alfalfa Stands 5/95 | 125. Evaluation of Winter Durum Wheat for Kansas, 2000, E. Donmez, 4 pp. |
| 110. Field Symptom-Response of Sorghum Hybrids Infected by Maize Dwarf Mosaic Virus 5/95 | 126. International Contributions to the Improvement and Marketing of Kansas Wheat, 2000, G. Paulsen, 6 pp. |
| 111. Soybean Variety Choices for Increased Resistance to Pendimethalin Herbicide | 127. Response of Bt Corn to Simulated Hail Damage, 2000, M. Witt, 2 pp. |
| 112. Soybean Response to Row Spacing and Seeding Rates in Northeast Kansas | 128. Performance of Wheat Variety Blends in Kansas, 2001, R. Bowden, 6 pp. |
| 113. Use of Long Days to Time Flowering of 'Freedom Red' Poinsettia, Mary Lewnes Albrecht, July 1996, 6 pp. | 129. Effects of Alfalfa on Wheat Establishment, 2001, M.D. Witt, 6 pp. |
| 114. Planting Wheat Seed Damaged by Frost Before Harvest, 1997, 5 p. | 130. Grain Quality Components of Corn Hybrids, 2001, K. Roozeboom, T. Herrman, 2 pp. |
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| 116. Response of Drilled Early Corn to Several Plant Populations, 1997, 5 pp. | 132. Acronyms Used in Agricultural Literature, 2001, E. Schofield, 6 pp. |
| 117. Dormant-Season Seeding of Alfalfa, 1997, 3 pp. | 133. Planting Date Effects on Tiller Development and Productivity of Wheat, 4 pp. |
| 118. Forage Yield and Soilborne Mosaic Virus Resistance of Several Varieties of Rye, Triticale, and Wheat, 1997, 6 pp. | 134. Relationship between Tillering and Grain Yield of Kansas Wheat Varieties, 5 pp. |
| 119. Growth and Survival of Wheat Seedlings after Dehydration and Rehydration, 1998, 5 pp. | 135. Synthetic Weed Barrier Mulches for Promoting Survival and Growth of Tree Seedlings, 4 pp. |
| 120. Hard White Wheat for Kansas, 1998, G. Paulsen, 5 pp. | |

137. Assessing the Effectiveness of Various Riparian Buffer Vegetation Types, C. J. Barden, et al. 4 pp.
138. Weed Control With Imazaquin and Pendimethalin around Newly Planted Shrub and Tree Seedlings, W. Geyer, 5 pp.
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| 4. Farm Incomes and Living Costs for 229 Kansas Farm and Home Management Association Families, 1948 | 18. Experiment Station Results with Varieties of Spring Oats and Spring Barley |
| 5. Farm Incomes and Living Costs for 203 Kansas Farm and Home Management Association Families, 1949 | 19. Kansas Corn Performance Tests, 1956 |
| 6. Preliminary Study of the Influence of Certain Commercial and Laboratory Preservatives on the Deterioration of Damp Sorghum Grain and Alfalfa Hay | 20. 1956 Experiment Station Results with Varieties and Hybrids of Grain and Forage Sorghum and Soybeans |
| 7. Farm Incomes and Living Costs for 316 Kansas Farm and Home Management Association Families, 1950 | 21. 1957 Experiment Station Results with Varieties of Spring Oats and Spring Barley |
| 8. Spray Schedules Recommended for 1952 | 22. Partial Report on Retirement Plans and Security of Sixty Farm Families |
| 9. Spray Schedules Recommended for 1953 | 23. 1957 Experiment Station Results with Sorghum Varieties and Hybrids and Varieties of Sudangrass and Soybeans |
| 10. Farm Incomes and Living Costs for 320 Kansas Farm and Home Management Association Families, 1951 | 24. A Study of the Productivity of Selected Soils in Western Kansas |
| 11. Farm Incomes and Living Costs for 278 Kansas Farm and Home Management Association Families, 1952 | 25. Grading Kansas and Other Extracted Honeys |
| 12. Commercial Fruit Spray Schedule | 26. 1958 Experiment Station Results with Varieties of Spring Oats and Spring Barley |
| 13. Income and Living Costs for 177 Kansas Farm and Home Management Association Families | 27. Horticultural Investigations on Vegetable and Fruit Crops |
| 14. Experiment Results with Varieties of Sorghums, Sudan Grass, Soybeans, Oats and Spring Barley | 28. Investigations on Watermelons, Muskmelons, Cucumbers, Pumpkin and Squash |
| 15. Preliminary Kansas Corn Performance Tests, 1955 | 29. Investigations on Tomatoes, Sweet Potatoes, Sweet Corn and Miscellaneous Vegetable Crops |
| 16. Experiment Station Results with Varieties of Spring Oats and Spring Barley | 30. Fruit Investigations |
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| 32. Garden City Spring Field Day Report | 51. Report of Progress on Fertility Studies. Colby Branch Experiment Station |
| 33. Garden City Fall Field Day Report | 52. Research Results, 1960. Colby Branch Experiment Station |
| 34. 1959 Experiment Station Results with Varieties of Spring Oats and Spring Barley | 53. Spring Field Day, 1961. Garden City Branch Experiment Station |
| 35. Vegetable Investigations | 54. Research Notes on Certain Species of Alfalfa Insects at Manhattan (1904-1956) and at Ft. Hays (1943-1953) |
| 36. Vine Crop Investigations | 55. Vegetable Investigations |
| 37. Horticultural Investigations on Vegetable and Fruit Crops | 56. Irrigation Studies, 1958-61, Tribune Branch Experiment Station |
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| 39. 1959 Progress Report, Soil Fertility Work (Garden City) Dryland Soil Management | 58. Turfgrass Herbicides |
| 40. Kansas Forage Performance Tests under Irrigation, 1959 | 59. Kansas Garden Chrysanthemum Trials |
| 41. Spring Field Day, 1960. Colby Branch Experiment Station | 60. 1961 Experiment Station Results with Soybeans, Forage Sorghums, Sudangrass, Millet, Popcorn, and Castorbean Varieties |
| 42. Performance of Grass and Legume Varieties in Northeastern Kansas | 61. Forage Crops |
| 43. Fall Field Day, 1960. Garden City Branch Experiment Station | 62. Plant Science Laboratory "Phytobiolab" Growth Chambers |
| 44. Propagating Junipers by Cutting-graft | 63. Garden City Spring Field Day |
| 45. 1960 Results Spring Oats and Spring Barley | 64. 1961 Research Results for Fall Field Day. Colby Branch Experiment Station |
| 46. Vegetable Investigations | 65. LP-Gas Flaming in Crop Production |
| 47. 1960 Trials of Annual Garden Flowers in Kansas | 66. Hay Wafering on Kansas Farms |
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| 69. | Irrigated Soybean Yields as Affected by Row Width and Seeding Rate | 88. | Kansas Forage Corn and Sorghum Performance Tests |
| 70. | 1962 Experiment Station Results with Varieties of Soybeans, Sudangrass, Millet, Safflower, Castorbeans, Pinto Beans, and Lespedeza | 89. | Kansas Garden Chrysanthemum Trials, 1963 |
| 71. | 1962 Kansas Garden Chrysanthemum Trials | 90. | Beef Feedlot Lighting |
| 72. | Power Required for Vertical Silo Unloader Components | 91. | Influence of Date of Planting and Row Width on Shelby, Clark and Kent Soybeans, 1962-63 |
| 73. | 19th Annual Lamb Feeders' Day | 92. | 1963 Experiment Station Results with Varieties of Soybeans, Sudangrass, Millet, Safflower, Castorbeans, Lespedeza (Plus Date of Planting Studies with Corn and Grain Sorghum) |
| 74. | Lighting the Beef Feed Lot at Night | 93. | Irrigation Water Costs Correlated with Total Pumping Lift |
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| 79. | Soil Fertility Investigations in Southwestern Kansas | 98. | Not used |
| 80. | 1962 Research Results. Colby Branch Experiment Station | 99. | 1964 Kansas Garden Chrysanthemum Trials |
| 81. | Garden City Branch Station Spring Field Day | 100. | 31st Annual Lamb Feeders' Day |
| 82. | Field Drying Sorghum Grain Using Chemical and LP Gas Flame | 101. | Kansas Trials of Annual Garden Flowers |
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| 84. | 1964 Vegetable Crop Investigations | 103. | Investigations of Milk-Fat Lamb Production Practices for Western Kansas |
| 85. | Soil Influence on the Action of Herbicides | 104. | Kansas Forage Corn and Sorghum Performance Tests, 1964 |
| 86. | 30th Lamb Feeders Day | 105. | Tribune Branch Experiment Station Report of Progress |
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| 106. | 1964 Experiment Station Results with Varieties of Soybeans, Sudangrass and Hybrids, Safflower and Castorbeans | 121. | 1966 Report of Crops and Soils Investigations. Mound Valley Experiment Field |
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| 108. | 1964 Research Results. Colby Branch Experiment Station | 123. | Recommended Varieties of Annual Flowers for Kansas |
| 109. | Response of Grain Sorghum Hybrids of Varying Maturity to Planting Date | 124. | Crops and Soils. Southeast Kansas Branch Experiment Station |
| 110. | 1965 Experiment Station Results with Small Grain Varieties. Winter Wheat, Winter Barley, Winter Oats | 125. | Colby Sheep Experiments, 1967 |
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| 118. | 1966 Report of Research Results. Colby Branch Experiment Station | 133. | Colby Sheep Experiments, 1968 |
| 119. | How to Determine Relative Profitability in Selected Enterprises on Irrigated, Western Kansas Land | 134. | 1968 Report on Miscellaneous Experiment Station Tests with Spring-Planted Field Crops. Soybeans, Corn, Grain Sorghum Forage Sorghum, Sudangrass, Sugar Beets |
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| 136. | Results of Kansas Forage Corn and Sorghum Performance Tests, 1968 | 153. | Animal Science Progress Report for 1969 |
| 137. | Plant and Soil Science Research Results. Southeast Kansas Branch Experiment Station | 154. | Winter Irrigation of Sorghums |
| 138. | 1968 Report of Research Results. Colby Branch Experiment Station | 155. | Results of Irrigation Research at the Tribune Branch Experiment Station, 1965-68 |
| 139. | 1968 Report on Experiment Station Variety Tests with Small Grains | 156. | 1969 Vegetable Investigations |
| 140. | Animal Environmental Chamber | 157. | 1969 Specialty Crop Investigations in Southwest Kansas |
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| 145. | Results of Kansas Forage Corn and Sorghum Performance, 1969 | 162. | 1970 Report on Research Results. Colby Branch Experiment Station |
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| 147. | 1969 Report of Research Results. Colby Branch Experiment Station | 164. | 1970 Report on Experiment Station Variety Tests with Fall-Planted Small Grains. Winter Wheat, Winter Barley, Winter Oats, Winter Rye, and Winter Triticale |
| 148. | 1969 Report on Miscellaneous Experiment Station Tests with Spring-Planted Field Crops, Soybeans, Corn, Grain Sorghum, Sudan Grass, Sugar Beets | 165. | Southeast Kansas Branch Experiment Station Research Report. Beef and Dairy Cattle Investigations, 1969-70 |
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| 170. | Migration in Kansas | 188. | Controlling Wild Hemp |
| 171. | Results of Forage Sorghum Performance Tests, 1971 | 189. | Sheep Research, 1972 |
| 172. | Colby Sheep Experiments, 1971 | UNN | 1971 Vegetable Investigations in Eastern Kansas |
| 173. | Sheep Research, 1917 | 190. | 1972 Report on Research Results. Colby Branch Experiment Station |
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| 175. | Horticultural Crops Research at Garden City | 191. | Plant and Soil Science Research Results. Southeast Kansas Branch Experiment Station |
| 176. | Beef Empire Research Report | 192. | 1972 Report on Experiment Station Variety Tests with Fall-Planted Small Grains. Winter Wheat, Winter Barley, Winter Oats, Winter Rye, Winter Triticale |
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| 178. | Beef Feedlot Illumination Design and Benefits | 194. | Kansas Fertilizer Research Report of Progress, 1972 |
| 179. | Plant and Soil Science Research Results. Southeast Kansas Branch Experiment Station | 195. | Dairy and Beef Cattle Investigations. Southeast Kansas Branch Experiment Station |
| 180. | 1971 Report on Experiment Station Variety Tests with Fall-Planted Small Grains. Winter Wheat, Winter Barley, Winter Oats, Winter Rye, Winter Triticale | 196. | 1972 Kansas Soybean Variety Tests |
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| 186. | Colby Sheep Day--Research Reports and Sheep Management Programs | 200. | 1973 Report of Research Results. Colby Branch Experiment Station |
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201.	Plant and Soil Science Research Results, 1973. Southeast Kansas Branch Experiment Station	UNN	1973 Vegetable Investigations
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203.	1973 Swine Industry Day	220.	1974 Crop Research Summary Report. Tribune Branch Experiment Station
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1. The Milling and Baking Quality and Chemical Composition of Wheat and Flour as Influenced by (1) Different Methods of Handling and Storing, (2) Heat and Moisture, (3) Germination, 1916, 83 p.
2. Some Important Fermentations in Silage, 32 p.
3. The Influence of the Ration upon the Intestinal Flora of Swine, 1917, 54 p.
4. A Study of the Etiology of Roup in Birds, 23 p.
5. Some Nutritive Properties of Corn, 1918, 39 p.
6. The Maize Billbug or Elephant Bug, 1920
7. *Solenopsis moesta* Say (Hym.): A Biological Study, 55 p.
8. Bacteriological Studies of Methods of Preparing a Seedbed for Wheat, 64 p.
9. Adsorption at Liquid-Vapor and Liquid-Liquid Interfaces and Some Related Phenomena, 1922, 41 p.
10. Blackleg Vaccines: Their Production and Use, 1923, 24 p.
11. The Hessian Fly in Kansas, 96 p.
12. Relative Water Requirements of Corn and the Sorghums, 34 p.
13. Seeding Small Grain in Furrows, 1924, 55 p.
14. Infectious Abortion Investigations, 1925, 23 p.
15. Experiments Relating to Time of Cutting Alfalfa, 50 p.
16. A Comparative Study of the History of Certain Phytophagous Scarabaeid Beetles, 146 p.
17. Evolution in Orthoptera V: The Grouse Locust, *Apotettix eurycephalus* Hancock, 231 p.
18. Tillage Investigations Relating to Wheat Production, 1925, 55 p.
19. Tillage in Relation to Milling and Baking Qualities of Wheat, 1926, 16 p.
20. Tomato Wilt Investigations, 32 p.
21. Bacillary White Diarrhea in Fowl, 85 p.
22. The Control of Sorghum Kernel Smut and the Effect of Seed Treatments on Viability of Sorghum Seed, 1928, 37 p.
23. The Importance of Vitamin A and Vitamin C in the Ration of Swine, 48 p.
24. Potato Experiments for the Control of Rhizoctonia, Scab, and Blackleg, 37 p.
25. Principal Poisonous Plants in Kansas 1930, 67p.
26. A Study of Factors Influencing Inoculation Experiments with *Azotobacter*, 66 p.
27. Resistance of Varieties of Winter Wheat to Hessian Fly, "*Phytophaga destructor*" (Say), 1931, 58 p.
28. Some Factors Influencing the Mid-season Potato Market, 104 p.
29. Dissemination of Pullorum Disease in the Incubator, 60 p.
30. Twenty Years of Testing Varieties and Strains of Winter Wheat at the Kansas Agricultural Experiment Station, 1932, 73 p.
31. A Study of Mortality among Young Pigs, 22 p.
32. Identification of Certain Native and Naturalized Grasses by Their Vegetative Characters, 73 p.
33. The Quality of Wheat as Affected by Farm Storage, 1933, 70 p.

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| 34. | The Effect of Inadequate Rations on the Production & Hatchability of Eggs, 1933, 64 p. | 49. | Transferring Hessian Fly Resistance and Other Characteristics of Marquillo Wheat to Winter Wheat, 1940, 55 p. |
| 35. | Resistance of Varieties of Winter Wheat and Rye to Low Temperature in Relation to Winter Hardiness and Adaptation, 1933, 66 p. | 50. | Equine Encephalomyelitis, 1940, 15 p. |
| 36. | The Relation of Phosphorus Deficiency to the Utilization of Feed in Dairy Cattle, 1934, 54 p. | 51. | Calcium in Nutrition of Fattening Calf, 91 p. |
| 37. | The Influence of Some Factors on the Hatchability of the Hen's Egg, 42 p. | 52. | Crossbreeding of Poultry, 1942, 44 p. |
| 38. | Effect of Burning on Kansas Bluestem Pastures, 65 p. | 53. | Influence of Spray Materials on Apple Leaves |
| 39. | Seasonal and Short-time Fluctuations in Wheat Prices in Relation to Wheat Price Cycle, 52 p. | 54. | Relation of Age and Dry Weight of Corn Plant |
| 40. | Twenty Years of Soil Fertility Investigations, 1935, 57 p. | 55. | Development of Sorghums Resistant to Milo Disease, 1943, 24 p. |
| 41. | Phosphorus Requirements in the Ration of Growing Pigs, 1936, 86 p. | 56. | Nitrogen and Carbon Changes in Soils, 52 p. |
| 42. | Relationship between the Internal Structure and Photosynthetic Behavior of Apple Leaves, 58 p. | 57. | A Study of the Morphological Nature and Physiological Functions of Awns of Winter Wheat, 1944, 82 p. |
| 43. | Nitrogen--The Major Cause in the Production of Spotted Wheat Fields, 1937, 58 p. | 58. | Quality of Beef, 1944, 86 p. |
| 44. | Physiologic and Genetic Studies of Crooked Keels in Chickens, 32 p. | 59. | Wheat Seeding Dates and the Hessian Fly, 18 p. |
| 45. | Nitrogen and Organic Carbon of Soils as Influenced by Cropping Systems and Soil Treatment, 1939, 36 p. | 60. | Effects of Rains on Wheat during Harvest, 92 p. |
| 46. | The Carotenoid Pigments--Occurrence, Properties, Methods of Determination, and Metabolism by the Hen, 74 p. | 61. | The Chemical Composition of Some Sorghum Grains and the Properties of Their Starches |
| 47. | Physiological Study of the Winter Wheat Plant at Different Stages of Its Development, 167 p. | 62. | The Effect of Defoliation on the Functions of Red Winter Wheat |
| 48. | Identification of the Eggs of Mid-western Grasshoppers, 1940, 39 p. | 63. | Study of Equine Fistulous Withers and Poll Evil |
| | | 64. | Improved Dried Whole Egg Products |
| | | 65. | Physical Balance as a Factor in Determining Efficiency of Feed Utilization by Fattening Lambs |
| | | 66. | Studies in Anaplasmosis II 1938-1948 |
| | | 67. | Cytogenetics of the Grouse Locust |
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| 69. Chlorination of Starch in Liquid Chlorine | 85. Economic Considerations for Selecting the Superior Frequency of Fallow for Wheat in Three Locations in Western Kansas |
| 70. Insects Affecting Alfalfa Seed Production in Kansas | 86. Use of Linear Programming when Provision Is Made for Substitution among Inputs by Processing |
| 71. The Service Qualities of a Cotton Slub-Broadcloth Laundered with Various Detergents | 87. Income Advantage to the Specialized Grain Producing Firm from Flexible Compared with Inflexible Use of Resources |
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| 74. Relation of Weather Factors to Nectarflow in Honey Production | 90. Emergency Chiseling to Control Wind Erosion |
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| 76. A Review of Methods for Determining Quality of Wheat and Flour | 92. Width of Field Strips to Control Wind Erosion |
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| 78. Payments in Lieu of Taxes | 94. An Economic Approach to the Use of Fertilizer |
| 79. Chemical Composition of Kansas Wheat, 1955 | 95. Changes in Winter Wheat Crop Prospects |
| 80. Tables of Coefficients of Inbreeding in Animals | 96. Cost Functions for Bulk Milk Assembly in the Wichita Market |
| 81. Nutrition of Children in Three Selected Schools in Iowa, Kansas, Ohio: A Pilot Study (NC-70) | 97. Malignant Catarrhal Fever |
| 82. Green House Studies Regarding the Sources and Nature of Resistance of Sorghums, <i>Sorghum vulgare</i> Pers., to the Corn Leaf Aphid, <i>Rhopalosiphum maidis</i> (Fitch) | 98. Labor and Power Requirements by Size of Enterprise for Beef Cattle Systems in Eastern Kansas |
| 83. Personal and Social Factors Associated with the Adoption of Recommended Farm Practices among Cattlemen | 99. A Study of the Performance of 50 Farm Tractors |
| 84. Resource Returns and Productivity Coefficients in the Kansas Cooperative Grain Elevator Industry | 100. The Influence of a Summer Windbreak or Summer Wind Movement and Air Temperature |
| | 101. Nutrition of 9, 10, and 11 year old Public School Children in Iowa, Kansas, and Ohio |

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| 108. | Use and Interrelation of Marginal Analysis to Other Analytical Processes by Farmers in Decision Making | 120. | Shade for Feedlot Cattle |
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| 111. | Producers Response to Price and Other Factors in the Greater Kansas City Milk Market (3. Derivation of Linear Programming Feeding Coefficients for Dairy Enterprises Involving Distant Pasture.) | 123. | Policies for Marketing Surplus Milk III |
| 112. | Reactions of Winter Wheats to Soil-borne Wheat Mosaic Virus in Kansas | 124. | Costs and Efficiency in Alfalfa Dehydrating Plants |
| 113. | Water Management and Consumptive Use by Irrigated Grain Sorghum in Western Kansas | 125. | Effect of Captan Captain-Dieldrin Seed Treatments on Germination and Yield of Eight Varieties of Winter Wheat |
| | | 126. | Weekly Precipitation Amounts for Kansas |
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| 134. | Irrigation Water Quality Charts for Kansas | | |
| 134. | Irrigation Effects on Kansas Soils | 150. | Farmers' Tax Support of the Educational Investment in Farm-nonfarm Migrants, April 1967 |
| 135. | Microbiological Studies Reveal Significant Factors in Oil and Gas Pipeline Back-Filled Ditches | 151. | Economies of Scale in Commercial Cattle Feed-lots of Kansas--An Analysis of Nonfeed Costs |
| 136. | Minerals in Wheat Germ | | |
| 137. | A Linear Programming Model of a Grain Elevator and Feed Firm | 152. | Power Requirements, Cloddiness, Residue Conservation Characteristics of Some Stubble-mulch Tillage Implements |
| 138. | Stage of Maturity, Plant Population, and Row Width as Factors Affecting Yield and Chemical Composition of Atlas Forage Sorghum | 153. | Trees, Shrubs, and Annual Crops for Wind Barriers in Central and Western Kansas |
| 139. | Probability of Sequences of Wet and Dry Days in Kansas | 154. | Vegetation Relationships Associated with Intensity of Summer Grazing on a Clay Upland Range Site in the Kansas 20-to 24-Inch Precipitation Zone |
| 140. | The Black Tailed Jack Rabbit in Kansas | | |
| 141. | Irrigated Corn Production on Sloping Land in North Central Kansas | 155. | Farm Size and Resource Efficiency on Eastern Kansas Farms |
| 142. | Construction Details for Plant Science 'Photobiolab' Growth Chambers | 156. | Insect Resistance in <i>Cucurbita</i> |
| 143. | Changes in South Central Kansas Trade Area 1937-60 | 157. | The Relation of Farm Size and Efficiency to Economic Outcomes on Central Kansas Farms |
| 144. | Effects of Cropping and Management on Nitrogen and Organic Carbon Contents of Western Kansas Soil | 158. | The Relation of Farm Size and Efficiency to Economic Outcomes on Western Kansas Farms |
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| 147. | Crop Production and Its Stability in Kansas, 1941-1960 | 161. | Factors Influencing the Predicted Lime Requirement of Kansas Soils |

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Research Publications

162. The Wheat Curl Mite, *Aceria tulipae* Keifer, in Relation to Epidemiology and Control of Wheat Streak Mosaic, 26 pp.
163. Interrelations of Honeybee Preference of Alfalfa Clones and Flower Color, Aroma, Nectar Volume, and Sugar Concentrations, September, 1971, 16 pp.
164. Stubble Requirements in Field Strips to Trap Windblown Soil, June 1973, 232 pp.
165. Railroad Rate Discrimination: Applications to Great Plains Agriculture, 1973, 23 pp.
166. Frozen Meat - Its Distribution Costs, Acceptance, and Cooking and Eating Qualities, July, 1975, 80 pp.
167. Grain Cooperatives: Their Growth and Structural Changes, August, 1973, 28 pp.
168. Notes on, and Rediscriptions of, Types of South American Bombyliidae (Diptera) in European and United States Museums, February, 1974, 323 pp.
169. How Management and Land Expansion Affect Low-income Farms, July, 1975, 23 pp.
170. Sampling and Analysis of Soils, Plants, Waste Waters, and Sludge Suggested Standardization and Methodology (NCR Pub. 230), October, 1976, 22 pp.
171. Community Staying Power: A Small Rural Place and Its Role in Rural Development, February, 1977, 65 pp.
172. Profitability of Small-scale Fuel-alcohol Production, March, 1981, 29 pp.

Miscellaneous Publications and Reports

Agriculture and the Kansas Economy, Department Report, April 1994, 24 pp.

Guidelines for Release of Horticultural and Agronomic Varieties and Germ Plasm Developed by the Kansas Agricultural Experiment Station, Department Report, October, 1994, 10 pp.

Health Education Developments in Kansas: A Report to the Kansas Legislature by the Kansas Cooperative Extension Service, Special Publication, January, 1995, 10 pp.

Agriculture and the Kansas Economy: Examples of Potential Economic Enhancement, an informal report to the Kansas Legislature by the College of Agriculture, Kansas Agricultural Experiment Station and the Kansas Cooperative Extension Service, January, 1995, 36 pp.

Adding Value to Kansas Agricultural Products: Selected Examples—Products, Processes, and Potential, an informal report to the Kansas Legislature by the Kansas Agricultural Experiment Station and the Kansas Cooperative Extension Service, January, 1996, 36 pp.

Promoting Conservation and Protecting the Environment, an informal report to the Kansas Legislature by the Kansas State University Agricultural Experiment Station and Cooperative Extension Service, (SM2), January, 1997, 30 pp.

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Circulars, inspection circulars, press bulletins, technical bulletins, and research publications are no longer published. Some annual publications have been issued in two or more categories, as those categories were redefined. Titles of some annual publications also have changed.

Research from each experiment field was published as a separate Report of Progress from 1975-80 and then as a Department Report from 1980-91. The latter series is available from the Department of Agronomy at Kansas State University or from the appropriate experiment fields. Since 1992, research results from all fields have been combined in one Report of Progress.

Names of branch experiment stations have changed through the years. The Garden City and Tribune branch stations were combined to form the Southwest Branch Experiment Station. This name was changed recently to the Southwest Research-Extension Center. The Mound Valley Branch Experiment Station was combined with two other locations to form the Southeast Branch Experiment Station, which is now called the Southeast Agricultural Research Center. The Fort Hays Branch Experiment Station was renamed the Agricultural Research Center-Hays. The Colby Branch Experiment Station was renamed the Northwest Research-Extension Center.

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Annual and Biennial Reports

Annual Reports of the Kansas Agricultural Experiment Station—1888 to 1919

Biennial Reports of the Kansas Agricultural Experiment Station—1919-1920 to 2001.

Bulletins

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| 1. Organization, Equipment, and Aims, 1888
E.M. Shelton, 6 pp. | 15. Additional Experiments and Observations on
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W.T. Swingle, 40 pp. |
| 2. Experience with Cultivated Grasses and Clo-
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G.H. Failyer, J.T. Willard, 15 pp. |
| 3. Life-History of Two Orchard Pests,
E.A. Popenoe, 13 pp. | 17. Crossed Varieties of Corn, Second and Third
Years, W.A. Kellerman, W.T. Swingle, 25 pp. |
| 4. Experiments with Wheat, E.M. Shelton, 6 pp. | 18. Experiments with Forage Plants, C.C. George-
son, H.M. Cottrell, W.M. Shelton, 17 pp. |
| 5. Sorghum and Sorghum Blight, G.H. Failyer,
W.A. Kellerman, 10 pp. | 19. Germination of Weeviled Peas. Garden Notes
on Potatoes, Beans and Cabbage, E.A. Pope-
noe, S.C. Mason, F.A. Marlatt, 10 pp. |
| 6. Silos and Ensilage, 1889, E. M. Shelton, 14 pp. | 20. Experiments with Wheat, 1891, C.C.
Georgeson, H.M. Cottrell, W.M. Shelton, 44 pp. |
| 7. Experiments with Wheat, E. M. Shelton, 11 pp. | 21. 2nd Report of Fungicides for Stinking Smut of
Wheat, W.A. Kellerman, 27 pp. |
| 8. Preliminary Report on Smut in Oats,
W.A. Kellerman, W.T. Swingle, 17 pp. | 22. Smut of Oats; Smut and Rust of Wheat, W.A.
Kellerman, 21 pp. |
| 9. Experiment in Pig Feeding, E.M. Shelton,
H.M. Cottrell, 18 pp. | 23. Smut of Sorghum & Corn, W.A. Kellerman,
14 pp. |
| 10. Notes on Conifers for Kansas Planters, 1890,
E.A. Popenoe, S.C. Mason, F.A. Marlatt, 11 pp. | 24. Enzootic Cerebritis, or "Staggers" of Horses,
N.S. Mayo, 11 pp. |
| 11. Experiments with Wheat, C.C. Georgeson,
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9 pp. |
| 12. Preliminary Experiments with Fungicides for
Stinking Smut of Wheat,
W.A. Kellerman, W.T. Swingle, 25 pp. | 26. Varieties of the Strawberry, E.A. Popenoe, S.C.
Mason, 12 pp. |
| 13. Experiments with Oats, C.C. Georgeson,
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pp. |
| 14. Winter Protection of Peach Trees and Notes
on Grapes, E.A. Popenoe, S.C. Mason, F.A.
Marlatt, 12 pp. | |

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28. The Experimental Vineyard, 1891, E.A. Popenoe, S.C. Mason, 10 pp.
29. Experiments with Oats, C.C. Georgeson, F.C. Burtis, W.M. Shelton, 12 pp.
30. Experiments with Corn, C.C. Georgeson, F.C. Burtis, W.M. Shelton, 27 pp.
31. Sugar Beets, G.H. Failyer, J.T. Willard, 15 pp.
32. Feeding Stuffs, and the Development of the Grain Crops. Soybeans, 18 pp.
33. Experiments with Wheat, 1892, C.C. Georgeson, F.C. Burtis, W.M. Shelton, 50 pp.
34. Experiments in Feeding Steers, C.C. Georgeson, F.C. Burtis, W.M. Shelton, 52 pp.
35. “Actinomycosis bovis”, or “Lumpy Jaw” of Cattle. Some Observations upon Loco, N.S. Mayo, 24 pp.
36. Experiments with Sorghum and with Sugar Beets, G.H. Failyer, J.T. Willard, 30 pp.
37. Experiments in Potato Culture, E.A. Popenoe, S.C. Mason, F. A. Marlatt, 13 pp.
38. Preliminary Report on Rusts of Grain, 1893, A.S. Hitchcock, C. A. Carleton, 19 pp.
39. Experiments in Feeding Steers, II, C.C. Georgeson, F.C. Burtis, D.H. Otis, 39 pp.
40. Experiments in Wheat, C.C. Georgeson, F.C. Burtis, D.H. Otis, 12 pp.
41. Effect of Fungicides upon the Germination of Corn, A.S. Hitchcock, M.A. Carleton, 17 pp.
42. Experiments with Oats, C.C. Georgeson, F.C. Burtis, D.H. Otis, 11 pp.
43. Experiments with Sorghum and Sugar Beets G.H. Failyer, J.T. Willard, 22 pp.
44. Further Study of Native Grapes, 1893, E.A. Popenoe, S.C. Mason, 13 pp.
45. Experiments with Corn, C.C. Georgeson, F.C. Burtis, D.H. Otis, 21 pp.
46. Rusts of Grain II, 1894, A.S. Hitchcock, C. A. Carleton, 9 pp.
47. Experiments with Wheat Experiments in Feeding Steers III, C.C. Georgeson, F.C. Burtis, D.H. Otis, 22 pp.
48. Six Years’ Experience with Ensilage. Some Forage Plants. Renovating a Prairie Pasture, C.C. Georgeson, F.C. Burtis, D.H. Otis, 22 pp.
49. Cattle Poisoning by Nitrate of Potash. Mastitis, 1895, N.S. Mayo, 16 pp.
50. Kansas Weeds I. Seedlings, A.S. Hitchcock, J.B.S. Norton, 41 pp.
51. Steer Feeding IV. A Comparison between Pure-bred Shorthorns and Scrubs, C.C. Georgeson, F.C. Burtis, D.H. Otis, 39 pp.
52. Kansas Weeds. Preliminary Circular on Distribution, A.S. Hitchcock, J.B.S. Norton, 17pp. (inc. weed reporting form)
53. Pig-feeding Experiments with Corn, Wheat, Kafir-corn, and Cottonseed, C.C. Georgeson, F.C. Burtis, D.H. Otis, 12 pp. Note errata sheet.
54. Experiments with Oats, C.C. Georgeson, F.C. Burtis, D.H. Otis, 11 pp.
55. Small Fruits by Irrigation. Culture of Strawberries, S.C. Mason, F.C. Sears, 23 pp.
56. Experiments with Corn Experiments with Kafir-corn, 1895, C.C. Georgeson, F.C. Burtis, D.H. Otis, 20 pp.
57. Kansas Weeds III. Descriptive List, 1896 A.S. Hitchcock, J.B.S. Norton, 64 pp.

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| 58. | Cornstalk Disease of Cattle, 1896, N.S. Mayo, 24 pp. | 75. | Root Development of Forage Plants, 1897, C.C. Georgeson, J.E. Payne, 17 pp. |
| 59. | Experiments with Wheat, C.C. Georgeson, F.C. Burtis, D.H. Otis, 17 pp. | 76. | Fifth Report on Kansas Weeds. Vegetative Propagation of Perennial Weeds, 1898, A.S. Hitchcock, G.L. Clothier, 36 pp. |
| 60. | Steer-feeding Experiments, Series V C.C. Georgeson, F.C. Burtis, D.H. Otis, 40 pp. | 77. | Some Insects Injurious to the Orchard, E.E. Faville, P.J. Parrott, 38 p. + 4 p. Calendar |
| 61. | Kafir-corn, Corn and Soybean Meal for Pigs. Kafir-corn and Cornmeal for Cattle, C.C. Georgeson, F.C. Burtis, D.H. Otis, 22 pp. | 78. | Sugar Beets, J.T. Willard, 16 pp. |
| 62. | Corn-smut, A.S. Hitchcock, J.B. Norton, 44 pp. | 79. | Bovine Tuberculosis, P. Fischer, 36 pp. |
| 63. | Experiments with Oats, C.C. Georgeson, F.C. Burtis, D.H. Otis, 14 pp. | 80. | Kansas Weeds VI. Distribution and Other Notes, A.S. Hitchcock, G.L. Clothier, 52 pp. |
| 64. | Experiments with Corn, 1897, C.C. Georgeson, F.C. Burtis, D.H. Otis, 20 pp. | 81. | Feed and Care of the Dairy Cow, 1898, H.M. Cottrell, F.C. Burtis, D.H. Otis, 38 pp. |
| 65. | Grafting the Apple, S.C. Mason, I. Jones, 25 pp. | 82. | The Potato-stalk Weevil, 1899, E.E. Faville, P.J. Parrott, 12 pp. |
| 66. | Kansas Weeds IV. Fruits and Seeds, A.S. Hitchcock, G.L. Clothier, 36 pp. | 83. | Sugar Beets, J.T. Willard, G.L. Clothier, 16 pp. |
| 67. | Steer Feeding VI, C.C. Georgeson, F.C. Burtis, D.H. Otis, 19 pp. | 84. | Cold Storage for Fruit, E.E. Faville, W.L. Hall, 33 pp. |
| 68. | Soil Moisture, G.H. Failyer, J.T. Willard, 27 pp. | 85. | The Growth of Alfalfa in Kansas, 1899 G.L. Clothier, 16 pp. |
| 69. | Some Diseases of Cattle, N.S. Mayo, 32 p. | 86. | Press Bulletins Nos. 1-34 |
| 70. | Vegetable Growing, S.C. Mason, W.L. Hall, 33 p. | 1. | Wheat Experiments |
| 71. | Experiments with Wheat, C.C. Georgeson, F.C. Burtis, D.H. Otis, 12 pp. | 2. | Keeping Milk in Hot Weather |
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| 73. | Miscellaneous Fruit Notes, S.C. Mason, W.L. Hall, 13 pp. | 4. | Soil Moisture and Soil Stirring |
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| 8. Spray Schedules Recommended for 1952 | 22. Partial Report on Retirement Plans and Security of Sixty Farm Families |
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| 47. 1960 Trials of Annual Garden Flowers in Kansas | 66. Hay Wafering on Kansas Farms |
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| 50. An Automatic Feed Weigher | |

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| 76. Kansas Corn and Forage Performance Tests | 95. Small Grains |
| 77. Kansas Trials of Annual Garden Flowers | 96. 1964 Vegetable Investigations |
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| 82. Field Drying Sorghum Grain Using Chemical and LP Gas Flame | 101. Kansas Trials of Annual Garden Flowers |
| 83. Flame Cultivation of Corn and Grain Sorghum | 102. Flaming for Weed Control and Desiccation |
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| 171. | Results of Forage Sorghum Performance Tests, 1971 | 189. | Sheep Research, 1972 |
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204.	Beef and Dairy Cattle Investigations in Southeastern Kansas, 1972-73	221.	Swine Industry Day, 1974
205.	Chemical Weed Control in Field Crops, 1974	222.	Chemical Weed Control in Field Crops
206.	Chemical Weed Control in Horticultural and Forestry Plants	223.	Alfalfa for Kansas. An Assessment of Needs and Goals for 1975-1985
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211.	Proceedings of 2nd Annual Wheat Marketing Field Day for Kansas Wheat Producers, March 7, 1974	228.	1974 Kansas Corn Performance Tests
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| 242. | Newton Experiment Field. Field Day 1975 | 259. | 1975 Kansas Sorghum Performance Tests. Grain and Forage |
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| 251. | 1975 Kansas Performance Tests with Fall-Planted Small Grains | 268. | Symposium: Yellow Hard Winter Wheat, A Market Sub-Class Designation |
| 252. | Swine Industry Day, 1975 | 269. | South Central Experiment Field, Hutchinson, Field Day, 1976 |
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275.	Dairy Science Investigations. Southeast Kansas Branch Experiment Station	293.	1977 Colby Sheep Day
276.	Kansas River Valley Experiment Field, Rossville, Topeka. Field Day, 1976	UNN	1976 Report of Progress, Turf and Ornamental Research. Horticulture Experiment Field, Wichita
277.	Cornbelt Experiment Field, Powhattan. Field Day, 1976	294.	1976 Kansas Corn Performance Tests
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282.	1976 Kansas Performance Test with Fall-Planted Small Grains. Winter Wheat, Winter Barley, Winter Oats, Triticale	298.	1977 Report of Research Results. Colby Branch Experiment Station
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284.	Chemical Weed Control in Field Crops, 1977	300.	Sheep Day, 1977
285.	Kansas Fertilizer Research Report, 1976	301.	Field Day, 1977. East Central Experiment Field, Ottawa
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287.	1976 Kansas Soybean Performance Tests	303.	Field Day, 1977. Harvey County Experiment Field, Hesston
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| 310. | Field Day, 1977. South Central Experiment Field, Hutchinson | 329. | Field Day, 1978. South Central Experiment Field, Hutchinson |
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| 320. | The Cattlemen's Fate in '78. Cattlemen's Day | 339. | 1978 Performance Tests with Winter Wheat Varieties |
| 321. | 1977 Kansas Sorghum Performance Tests. Grain and Forage | 340. | Field Day, 1978. Irrigation Experiment Field, Scandia |
| 322. | 1978 Colby Sheep Day | | |
| 323. | Proceedings of the 6th Annual Wheat Marketing Field Day in Kansas | | |
| 324. | Plant and Soil Science Research Results | | |

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| 341. Field Day, 1978. North Central Experiment Field, Belleville | 360. Dairy and Beef Cattle Investigations, 1979 |
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798	1997 Kansas Performance Tests with Soybean Varieties	816	1998 Kansas Performance Tests with Winter Wheat Varieties
799	1997 Kansas Performance Tests with Grain Sorghum Hybrids		

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817	Derived Farm Financial Ratios for Kansas Farms	837	Field Day 1999 Southwest Research-Extension Center
818	1997 Production and Postharvest Evaluations of Fresh-Cut Peonies	838	Internet Use among Community Leaders in Rural Kansas
819	Swine Day 1998	839	1999 Kansas Performance Tests with Winter Wheat Varieties
820	1998 Production and Postharvest Evaluations of Fresh-Cut Peonies	840	1998 Evaluation of Postharvest Life of Selected Fresh-Cut Flowers
821	Dairy Day 1998	841	Swine Day 1999
822	1998 Kansas Performance Tests with Corn Hybrids	842	Dairy Day 1999
823	1998 Great Plains Canola Research	843	1999 Kansas Performance Tests with Corn Hybrids
824	1998 Kansas Performance Tests with Grain Sorghum Hybrids	844	1999 Kansas Performance Tests with Grain Sorghum Hybrids
825	1998 Kansas Performance Tests with Soybean Varieties	845	1999 Kansas Performance Tests with Soybean Varieties
826	Chemical Weed Control for Field Crops, Pastures, Rangeland, and Noncropland, 1999	846	Chemical Weed Control for Field Crops, Pastures, Rangeland, and Noncropland, 2000
827	1998 Kansas Performance Tests with Sunflower Hybrids	847	Kansas Fertilizer Research 1999
828	1998 Kansas Performance Tests with Alfalfa Varieties	848	1999 Kansas Performance Tests with Alfalfa Varieties
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830	Attitudes of Kansas Agricultural Producers about Riparian Areas, Wildlife Conservation, and Endangered Species	850	2000 Cattlemen's Day,
831	1999 Cattlemen's Day	851	1999 Great Plains Canola Research
832	Kansas Sheep Research 1999	852	Kansas Sheep Research 2000, F.J. Schwulst
833	Roundup 1999	853	2000 Agricultural Research, L. Lomas, 68 p.
834	1999 Agricultural Research Southeast Agricultural Research Center	854	Field Research 2000: Agronomy Experiment Fields, D. Fjell, 162 p.
835	Field Research 1999: Agronomy and Biological and Agricultural Engineering Experiment Fields	855	2000 Turfgrass Research: Fiftieth Anniversary, J. Fry, 73 p.
836	1999 Turfgrass Research	856	Field Day 2000, Southwest Research-Extension Center, Patrick Coyne, 78 p.
		857	2000 Kansas Performance Tests with Winter Wheat Varieties, K. Roozeboone et al., 52 p.

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| 858 | Swine Day 2000, 165 p. | 876. | Field Research 2001: Agronomy Experiment Fields, K. Janssen, et al. 139 pp. |
| 859 | Evaluation of Postharvest Life of Selected Fresh-Cut Flowers and Greenery, K. Gast, R. Inch, 7 p. | 877. | Field Day 2001, Southwest Research-Extension Center, Pat Coyne, 82 pp. |
| 860 | 2000 Kansas Performance Tests with Corn Hybrids, 68 p. | 878. | 2001 Turfgrass Research, J. Fry, et al, 61 pp. |
| 861 | Dairy Day 2000 | 879. | 2001 Kansas Performance Tests with Winter Wheat Varieties, |
| 862 | 2000 Great Plains Canola Research | 880. | Swine Day 2001, R. Goodband, et al. 144 pp. |
| 863 | Seasonal Avian Use of Farmed Kansas Wetlands | 881 | Dairy Day 2001, J. S. Stevenson, 71 pp. |
| 864 | 1999 Production and Postharvest Evaluations of Fresh-cut Peonies, K. Gast, 21 p. | 882. | 2001 Kansas Performance Tests with Corn Hybrids,K. Roozeboom, D. Jardine, 76 pp. |
| 865 | 2000 Kansas Performance Tests with Grain Sorghum Hybrids, Kraig Roozeboom, 68 p. | 883. | 2001 Kansas Performance Tests with Grain Sorghum Hybrids, K. Roozeboom, 62 pp. |
| 866 | 2000 Production and Postharvest Evaluations of Fresh-cut Peonies, K. Gast, 24 p. | 884 | 2002 Chemical Weed Control for Field Crops, Pastures, Rangeland, and Noncropland, D. L. Regehr, et al, 80 pp. |
| 867 | 2001 Chemical Weed Control, 74 pp. | 885 | Kansas Fertilizer Research 2001, R. Lamond, 83 pp. |
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| 873 | 2001 Cattlemen's Day, 114 pp. | 891. | Roundup 2002, J. Brethour, 73 pp. |
| 874. | Survey of Kansas Wild Turkey Hunters: Experiences, Opinions, and Satisfactions,K.R. Van Why, et al., 27 pp. | 892. | 2002 Agricultural Research, Southeast Ag. Res. Center, 83 pp. |
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| 894. | 2002 Turfgrass Research, J. Fry, 108 pp. | 911. | K-State Turfgrass Research 2003 |
| 895. | Field Day 2002 Southwest Res.-Ext., P. Coyne, 72 pp. | 912. | 2003 Kansas Performance tests with Winter Wheat Varieties |
| 896. | 2002 Kansas Performance Tests with Winter Wheat Varieties, K. Roozeboom, 36 pp. | 913. | Agronomy Field Research 2003 |
| 897. | Swine Day 2002 (Electronic only, CD-ROM) 182 pp. | 914. | 2003 Kansas Performance Tests with Corn Hybrids |
| 898. | Dairy Day 2002 (Electronic only, CD-ROM) 88 pp. | 915. | 2003 Kansas Performance Tests with Grain Sorghum Hybrids |
| 899. | 2002 Kansas Performance Tests with Corn Hybrids, K. Roozeboom, 52 pp. | 916. | 2003 Kansas Performance Tests with Soybean Varieties |
| 900. | 2002 Kansas Performance Tests with Grain Sorghum Hybrids, K. Roozeboom, 50 pp. | 917. | 2004 Chemical Weed Control for Field Crops, Pastures, Rangeland, and Non-cropland |
| 901. | 2002 Kansas Performance Tests with Soybean Varieties, W.T. Schapaugh, 36 pp. | 918. | 2003 Kansas Performance Tests with Alfalfa Varieties |
| 902. | 2003 Chemical Weed Control for Field Crops, Pastures, Rangeland, and Noncropland, D.L. Regehr, 98 pp. | 919. | Dairy Day 2003 (Electronic only, CD-ROM) |
| 903. | Kansas Fertilizer Research 2002, R.E. Lamond, (Electronic only, CD-ROM) 71 pp. | 920. | Swine Day 2003 (Electronic only, CD-ROM) |
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| 905. | 2002 Kansas Performance Tests with Sunflower Hybrids, P. Evans, 28 pp. | 922. | 2003 Kansas Performance Tests with Sunflower Hybrids |
| 906. | 2002 Kansas Performance Tests with Summer Annual Forages, K. Roozeboom | 923. | Cattlemen's Day 2004 |
| 907. | 2002 Kansas Performance Tests with Spring Small Grains, K. Roozeboom, 4 pp. | 924. | 2003 National Winter Canola Variety Trial |
| 908. | 2003 Cattlemen's Day (Electronic only, CD-ROM) 219 pp. | 925. | 2003 Kansas Performance Tests with Summer Annual Forages |
| 909. | 2003 Agricultural Research, Southeast | 926. | 2004 Agricultural Research, Southeast |
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931.	2004 Kansas Performance Tests with Spring Small Grains.	950.	2005 Kansas Performance Tests with Grain Sorghum Hybrids
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1031. Kansas Fertilizer Research 2009	1051. Agricultural Research 2011, Southeast Agricultural Research Center
1032. (Not used, intended for Roundup)	1052. Field Day 2011, Southwest Research-Extension Center
1033. Agricultural Research 2010, Southeast Agricultural Research Center	1053. K-State Turfgrass Research 2011

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- 1054. 2011 Kansas Performance Tests with Winter Wheat Varieties
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- 1061. 2011 Kansas Performance Tests with Alfalfa Varieties
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- 1063. 2012 Chemical Weed Control for Field Crops, Pastures, Rangeland and Noncropland
- 1064. 2011 Kansas Performance Tests with Cotton Varieties
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- 1067. Kansas Fertilizer Research 2011
- 1068. Reserved for Roundup 2012, not produced.
- 1069. Agricultural Research 2012:
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- 1070. Field Day 2012
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- 1072. Kansas Performance Tests with Winter Wheat Varieties

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1. The Milling and Baking Quality and Chemical Composition of Wheat and Flour as Influenced by (1) Different Methods of Handling and Storing, (2) Heat and Moisture, (3) Germination, 1916, 83 p.
2. Some Important Fermentations in Silage, 32 p.
3. The Influence of the Ration upon the Intestinal Flora of Swine, 1917, 54 p.
4. A Study of the Etiology of Roup in Birds, 23 p.
5. Some Nutritive Properties of Corn, 1918, 39 p.
6. The Maize Billbug or Elephant Bug, 1920
7. *Solenopsis moesta* Say (Hym.): A Biological Study, 55 p.
8. Bacteriological Studies of Methods of Preparing a Seedbed for Wheat, 64 p.
9. Adsorption at Liquid-Vapor and Liquid-Liquid Interfaces and Some Related Phenomena, 1922, 41 p.
10. Blackleg Vaccines: Their Production and Use, 1923, 24 p.
11. The Hessian Fly in Kansas, 96 p.
12. Relative Water Requirements of Corn and the Sorghums, 34 p.
13. Seeding Small Grain in Furrows, 1924, 55 p.
14. Infectious Abortion Investigations, 1925, 23 p.
15. Experiments Relating to Time of Cutting Alfalfa, 50 p.
16. A Comparative Study of the History of Certain Phytophagous Scarabaeid Beetles, 146 p.
17. Evolution in Orthoptera V: The Grouse Locust, *Apotettix eurycephalus* Hancock, 231 p.
18. Tillage Investigations Relating to Wheat Production, 1925, 55 p.
19. Tillage in Relation to Milling and Baking Qualities of Wheat, 1926, 16 p.
20. Tomato Wilt Investigations, 32 p.
21. Bacillary White Diarrhea in Fowl, 85 p.
22. The Control of Sorghum Kernel Smut and the Effect of Seed Treatments on Viability of Sorghum Seed, 1928, 37 p.
23. The Importance of Vitamin A and Vitamin C in the Ration of Swine, 48 p.
24. Potato Experiments for the Control of Rhizoctonia, Scab, and Blackleg, 37 p.
25. Principal Poisonous Plants in Kansas 1930, 67p.
26. A Study of Factors Influencing Inoculation Experiments with *Azotobacter*, 66 p.
27. Resistance of Varieties of Winter Wheat to Hessian Fly, "*Phytophaga destructor*" (Say), 1931, 58 p.
28. Some Factors Influencing the Mid-season Potato Market, 104 p.
29. Dissemination of Pullorum Disease in the Incubator, 60 p.
30. Twenty Years of Testing Varieties and Strains of Winter Wheat at the Kansas Agricultural Experiment Station, 1932, 73 p.
31. A Study of Mortality among Young Pigs, 22 p.
32. Identification of Certain Native and Naturalized Grasses by Their Vegetative Characters, 73 p.
33. The Quality of Wheat as Affected by Farm Storage, 1933, 70 p.

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| 34. | The Effect of Inadequate Rations on the Production & Hatchability of Eggs, 1933, 64 p. | 49. | Transferring Hessian Fly Resistance and Other Characteristics of Marquillo Wheat to Winter Wheat, 1940, 55 p. |
| 35. | Resistance of Varieties of Winter Wheat and Rye to Low Temperature in Relation to Winter Hardiness and Adaptation, 1933, 66 p. | 50. | Equine Encephalomyelitis, 1940, 15 p. |
| 36. | The Relation of Phosphorus Deficiency to the Utilization of Feed in Dairy Cattle, 1934, 54 p. | 51. | Calcium in Nutrition of Fattening Calf, 91 p. |
| 37. | The Influence of Some Factors on the Hatchability of the Hen's Egg, 42 p. | 52. | Crossbreeding of Poultry, 1942, 44 p. |
| 38. | Effect of Burning on Kansas Bluestem Pastures, 65 p. | 53. | Influence of Spray Materials on Apple Leaves |
| 39. | Seasonal and Short-time Fluctuations in Wheat Prices in Relation to Wheat Price Cycle, 52 p. | 54. | Relation of Age and Dry Weight of Corn Plant |
| 40. | Twenty Years of Soil Fertility Investigations, 1935, 57 p. | 55. | Development of Sorghums Resistant to Milo Disease, 1943, 24 p. |
| 41. | Phosphorus Requirements in the Ration of Growing Pigs, 1936, 86 p. | 56. | Nitrogen and Carbon Changes in Soils, 52 p. |
| 42. | Relationship between the Internal Structure and Photosynthetic Behavior of Apple Leaves, 58 p. | 57. | A Study of the Morphological Nature and Physiological Functions of Awns of Winter Wheat, 1944, 82 p. |
| 43. | Nitrogen--The Major Cause in the Production of Spotted Wheat Fields, 1937, 58 p. | 58. | Quality of Beef, 1944, 86 p. |
| 44. | Physiologic and Genetic Studies of Crooked Keels in Chickens, 32 p. | 59. | Wheat Seeding Dates and the Hessian Fly, 18 p. |
| 45. | Nitrogen and Organic Carbon of Soils as Influenced by Cropping Systems and Soil Treatment, 1939, 36 p. | 60. | Effects of Rains on Wheat during Harvest, 92 p. |
| 46. | The Carotenoid Pigments--Occurrence, Properties, Methods of Determination, and Metabolism by the Hen, 74 p. | 61. | The Chemical Composition of Some Sorghum Grains and the Properties of Their Starches |
| 47. | Physiological Study of the Winter Wheat Plant at Different Stages of Its Development, 167 p. | 62. | The Effect of Defoliation on the Functions of Red Winter Wheat |
| 48. | Identification of the Eggs of Mid-western Grasshoppers, 1940, 39 p. | 63. | Study of Equine Fistulous Withers and Poll Evil |
| | | 64. | Improved Dried Whole Egg Products |
| | | 65. | Physical Balance as a Factor in Determining Efficiency of Feed Utilization by Fattening Lambs |
| | | 66. | Studies in Anaplasmosis II 1938-1948 |
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| 135. | Microbiological Studies Reveal Significant Factors in Oil and Gas Pipeline Back-Filled Ditches | 151. | Economies of Scale in Commercial Cattle Feed-lots of Kansas--An Analysis of Nonfeed Costs |
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| 140. | The Black Tailed Jack Rabbit in Kansas | | |
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Research Publications

162. The Wheat Curl Mite, *Aceria tulipae* Keifer, in Relation to Epidemiology and Control of Wheat Streak Mosaic, 26 pp.
163. Interrelations of Honeybee Preference of Alfalfa Clones and Flower Color, Aroma, Nectar Volume, and Sugar Concentrations, September, 1971, 16 pp.
164. Stubble Requirements in Field Strips to Trap Windblown Soil, June 1973, 232 pp.
165. Railroad Rate Discrimination: Applications to Great Plains Agriculture, 1973, 23 pp.
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167. Grain Cooperatives: Their Growth and Structural Changes, August, 1973, 28 pp.
168. Notes on, and Rediscussions of, Types of South American Bombyliidae (Diptera) in European and United States Museums, February, 1974, 323 pp.
169. How Management and Land Expansion Affect Low-income Farms, July, 1975, 23 pp.
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