

Publications
of the
**Kansas Agricultural
Experiment Station
1888 to 2003**

Agricultural Experiment Station
Kansas State University, Manhattan
Marc A. Johnson, Director

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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
Clovers, 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.
Georgeson, 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.
Popenoe, 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. Cotrell, 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. | 44. Further Study of Native Grapes, 1893, E.A. Popenoe, S.C. Mason, 13 pp. |
| 29. Experiments with Oats, C.C. Georgeson, F.C. Burtis, W.M. Shelton, 12 pp. | 45. Experiments with Corn, C.C. Georgeson, F.C. Burtis, D.H. Otis, 21 pp. |
| 30. Experiments with Corn, C.C. Georgeson, F.C. Burtis, W.M. Shelton, 27 pp. | 46. Rusts of Grain II, 1894, A.S. Hitchcock, C. A. Carleton, 9 pp. |
| 31. Sugar Beets, G.H. Failyer, J.T. Willard, 15 pp. | 47. Experiments with Wheat Experiments in Feeding Steers III, C.C. Georgeson, F.C. Burtis, D.H. Otis, 22 pp. |
| 32. Feeding Stuffs, and the Development of the Grain Crops. Soybeans, 18 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. |
| 33. Experiments with Wheat, 1892, C.C. Georgeson, F.C. Burtis, W.M. Shelton, 50 pp. | 49. Cattle Poisoning by Nitrate of Potash. Mastitis, 1895, N.S. Mayo, 16 pp. |
| 34. Experiments in Feeding Steers, C.C. Georgeson, F.C. Burtis, W.M. Shelton, 52 pp. | 50. Kansas Weeds I. Seedlings, A.S. Hitchcock, J.B.S. Norton, 41 pp. |
| 35. "Actinomyces bovis", or "Lumpy Jaw" of Cattle. Some Observations upon Loco, N.S. Mayo, 24 pp. | 51. Steer Feeding IV. A Comparison between Pure-bred Shorthorns and Scrubs, C.C. Georgeson, F.C. Burtis, D.H. Otis, 39 pp. |
| 36. Experiments with Sorghum and with Sugar Beets, G.H. Failyer, J.T. Willard, 30 pp. | 52. Kansas Weeds. Preliminary Circular on Distribution, A.S. Hitchcock, J.B.S. Norton, 17pp. (inc. weed reporting form) |
| 37. Experiments in Potato Culture, E.A. Popenoe, S.C. Mason, F. A. Marlatt, 13 pp. | 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. |
| 38. Preliminary Report on Rusts of Grain, 1893, A.S. Hitchcock, C. A. Carleton, 19 pp. | 54. Experiments with Oats, C.C. Georgeson, F.C. Burtis, D.H. Otis, 11 pp. |
| 39. Experiments in Feeding Steers, II, C.C. Georgeson, F.C. Burtis, D.H. Otis, 39 pp. | 55. Small Fruits by Irrigation. Culture of Strawberries, S.C. Mason, F.C. Sears, 23 pp. |
| 40. Experiments in Wheat, C.C. Georgeson, F.C. Burtis, D.H. Otis, 12 pp. | 56. Experiments with Corn Experiments with Kafir-corn, 1895, C.C. Georgeson, F.C. Burtis, D.H. Otis, 20 pp. |
| 41. Effect of Fungicides upon the Germination of Corn, A.S. Hitchcock, M.A. Carleton, 17 pp. | 57. Kansas Weeds III. Descriptive List, 1896 A.S. Hitchcock, J.B.S. Norton, 64 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. | |

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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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| 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 |
| 72. Growth of Young Stock, C.C. Georgeson, F.C. Burtis, D.H. Otis, 6 pp. | 3. The Fringed-Wing Apple-Bud Moth |
| 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 |
| | 9. The Peach Twig-Borer |
| | 10. Fall Preparation for Alfalfa |
| | 11. Celery |
| | 12. The Balanced Ration |
| | 13. Seed Breeding |
| | 14. The Fruit-Tree Bark-Beetle |

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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.
90. Alfalfa in Eastern Kansas, 1900, H.M. Cottrell, D.H. Otis, J. G. Haney, 4 pp.
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.
95. Fattening Hogs with Drought-resisting Crops, H.M. Cottrell, D.H. Otis, J. G. Haney, 27 pp.
96. Soil Inoculation for Soybeans, 1900, H.M. Cottrell, D.H. Otis, J. G. Haney, 20 pp.
97. Skim-milk Calves, H.M. Cottrell, D.H. Otis, J. G. Haney, 16 pp.
98. Some Scale-insects upon Kansas Grasses, E. A. Popenoe, P.J. Parrott, 26 pp.
99. Press Bulletins Nos. 35-70
35. Dysentery in Calves and Other Young Animals
36. Experiments with Swine-Plague or Hog-Cholera
37. Kafir-corn, Alfalfa Hay and Soybeans for Pork
38. What is a Digestion Experiment?
39. Skim-milk Calves
40. Orchard Cultivation
41. A Digestion Experiment with Alfalfa Hay
42. To Rid the House of Flies
43. Selection of Seed Wheat
44. The Profitable Strawberry Bed
45. Early Plowing and Moisture Conservation
46. Soybeans
47. Awnless Brome-grass
48. The Kansas Experiment Station
49. A Horn-fly Trap Experiment
50. Infectious Abortion in Cattle
51. Alfalfa in Eastern Kansas
52. Some Nitrogenous Forage-Plants
53. Experiments with Sugar Beets in 1899 and 1900
54. Kafir-corn
55. Plant Breeding by Bud Selection
56. Digestion Experiments with Kafir-corn Stover and Kafir-corn Meal
57. Protective Inoculation against Blackleg in Cattle
58. Questions about Forage Plants
59. How to Test the Vitality of Garden Seeds
60. Gophers and Crab-grass versus Alfalfa
61. Salsify, or Oyster Plant
62. Tame Grasses for Kansas

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63. *Bromus inermis*
64. Prevention of Grain Smuts
65. Horn-fly Remedies
66. Causes of Failure in Spraying
67. The Cultivated Catalpas
68. The Buffalo Tree-Hopper
69. The Cultivated Millets
70. Botanical Notes on Wheat and Spelt
100. Soybeans in Kansas in 1900, H.M. Cottrell, D.H. Otis, J. G. Haney, 53 pp.
101. Notes from the Plum Orchard, 1901, E.A. Popenoe, A. Dickens, 44 pp.
102. Forage Plants for Kansas, A.S. Hitchcock, J.M. Westgate, 58 pp.
103. Digestion Experiments with Kansas Feeds. Sugar Beets in Kansas 1891 to 1900, J.T. Willard, R.W. Clothier, 34 pp.
104. Fall Seeding of Alfalfa, H.M. Cottrell, 6 pp.
105. Blackleg in Kansas, P. Fischer, A. Kinsley, 23 p.
106. The Experimental Apple Orchard, 1902, A. Dickens, G. O. Greene, 27 pp.
107. Analysis of Corn, with Reference to Its Improvement, J.T. Willard, R.W. Clothier, F.C. Weber, 42 pp.
108. The Hardy Catalpa, H.F. Roberts, 82 pp.
109. Spontaneous Combustion of Alfalfa, H.M. Cottrell 6 pp.
110. Grapes, A. Dickens, G. O. Greene, 30 pp.
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112. Fattening Steers without Hogs to Follow, H.M. Cottrell, J.G. Haney, 12 pp.
113. Baby Beef, H.M. Cottrell, J.G. Haney, O.H. Elling, 11 pp.
114. Growing Alfalfa in Kansas, H.M. Cottrell, 43 p.
115. The Exact Calculations of Balanced Rations, J.T. Willard, 50 pp.
116. Destroying Prairie-dogs and Pocket-gophers, 1903, D.E. Lantz, 20 pp.
117. Bacteria of the Soil, N.S. Mayo, A.T. Kinsley, 19 pp.
118. Flesh and Fat in Beef, D.H. Otis, 28 pp.
119. Press Bulletins Nos. 71-124
 71. Experience in Soiling and Pasturing Cows, 1899
 72. Fattening Steers without Hogs
 73. Cultivated Blue-grasses
 74. Some Interesting Climbers for the Veranda
 75. The Races of Corn
 76. Sugar Beets in Kansas, 1900
 77. Honeysuckles at the Kansas Station
 78. Johnson Grass
 79. A Digestion Experiment with Buffalo-grass Hay
 80. Notes on Plums
 81. Soybeans in Kansas in 1900
 82. Disking Alfalfa
 83. Clovers
 84. Tests of Soybeans by Kansas Farmers in 1900
 85. Roots for Kansas Farmers
 86. Kafir-corn versus Good Butter
 87. When to Cut Alfalfa
 88. Condimental Stock Food for Dairy Cows
 89. Shelled Corn Compared with Corn Chop for Young Calves
 90. Dried Blood as a Tonic for Young Calves
 91. The Clover-hay Worm
 92. Cow-peas as a Second Crop
 93. Baby Beef
 94. Three Ways of Feeding Milk to Calves
 95. Skim-milk Calves in the Feed-lot
 96. Feeding Wheat

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| 97. | Inquiries Concerning Prairie-dogs and Gophers | 125. | Experiments with Dairy Cows, 1904, D.H. Otis, 103 pp. |
| 98. | What Shall We Feed? | 126. | Experiments with Hand-fed Calves, D.H. Otis, 36 pp. |
| 99. | Fall Seeding of Alfalfa | 127. | The Roots of Plants A.M. Ten Eyck, 55 pp. |
| 100. | Sorghum Pasture for Dairy Cows | 128. | Experiments at the Fort Hays Branch Station, J.G. Haney, O.H. Elling, 78 pp. |
| 101. | The Hessian Fly | 129. | Kansas Mammals in Their Relation to Agriculture, D.E. Lantz, 72 pp. |
| 102. | Maintenance Ration for Cattle | 130. | Steer-Feeding Experiment, VII-1903-1904, O. Erf, R.J. Kinzer, G.C. Wheeler, 7 pp. |
| 103. | Grain Weevils | 131. | Care of Dairy Utensils, 1905, O. Erf, C.W. Melick, 12 pp. |
| 104. | Cattle Distemper | 132. | Western Feeds for Beef Production 1906, J.G. Haney, O.H. Elling, G.K. Helder, 32 pp. |
| 105. | Sore Mouth of Cattle | 133. | Alfalfa Seed Its Alduterants, Substitutes and Impurities and Their Detection, 1906, J.G. Haney, O.H. Elling, G.K. Helder, 32 pp. |
| 106. | Profit in Maintaining the Milk Flow | 134. | The Alfalfa Seed-crop and Seeding Alfalfa, A.M. Ten Eyck, 19 p. |
| 107. | Cerebritis or "Staggers" in Horses | 135. | Grading Cream, O. Erf, 12 p. |
| 108. | Destroying Prairie-dogs--A Preliminary Report | 136. | Press Bulletins Nos. 125-151 |
| 109. | Destroying Pocket-gophers | 125. | Meadow Fescue |
| 110. | Corn Improvement | 126. | Corn Ensilage for Steers |
| 111. | Onion Notes | 127. | Rabies, or Hydrophobia |
| 112. | Pneumonia in Cattle | 128. | Preventive Work against the Hessian Fly |
| 113. | Pasture Weeds--Their Prevention and Eradication | 129. | <i>Bromus Inermis</i> |
| 114. | Whole Kafir-corn Compared with Ground Kafir-corn for Young Calves | 130. | Poison for Prairie-Dogs and Other Rodents |
| 115. | Contagious Sore Eyes in Cattle | 131. | Warbles or Grubs in Cattle |
| 116. | Glanders and Farcy | 132. | The Common Garden Mole |
| 117. | Ergotism | 133. | Grasshopper Poisons |
| 118. | Scab or Itch in Cattle | 134. | Baby Beef |
| 119. | Poison for Prairie-dogs and Pocket-gophers | 135. | Ring-Bone and Spavin |
| 120. | Better Bred Grain and Corn for Kansas | 136. | Contagious Abortion in Cattle |
| 121. | Fistulous Withers and Poll-evil | 137. | Some Troubles of Swine |
| 122. | Pasture for Hogs | | |
| 123. | A Test of Hand Separators | | |
| 124. | Late Crops | | |
| 120. | Tests of Forest Trees, 1904, A. Dickens, G. O. Greene, 47 pp. | | |
| 121. | Treatment and Utilization of Flood-damaged Lands, A.M. Ten Eyck, 30 pp. | | |
| 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. | | |
| 124. | Experiments in Feeding Steers and in Breeding and Feeding Pigs, D.H. Otis, 57 pp. | | |

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| 138. Testing Seed-corn for Vitality | 147. Indian Corn |
| 139. Garget (Congestion of the Udder) | 148. Law Regulating the Sale of Commercial Fertilizers |
| 140. Kansas Experiment Station Egg-Laying Contest | 149. Prevention of Sorghum and Kafir-corn Smut |
| 141. Swine Feeding Test with Sorghum-seed Meal, Kafir-corn Meal, Soybean Meal and Corn-meal | 150. The Hen's Place on the Farm, 78 pp. |
| 142. Summer Pruning | 151. Alfalfa Breeding |
| 143. Preparing Fruits for Exhibition | 152. The Pocket Gopher |
| 144. The Garden Web-Worm | 153. Deterioration of Red Texas Oats in Kansas |
| 145. A Shade-Tree Pest: The Fall Web-Worm | 154. The Mound-building Prairie Ant |
| 146. Testing Winter Wheat Varieties for Western Kansas | 155. Alfalfa |
| 147. Kansas Experiment Station Egg-Laying Contest | 156. The Yellow Berry Problem in Kansas Hard Winter Wheats |
| 148. A Troublesome Parasite of the Horse | 157. Studies on Hog Cholera and Preventative Treatment |
| 149. Swine Feeding Tests--Armour's Deodorized Meat Meal and Alfalfa Hay as Supplementary Feeds to Corn | 158. Analyses of Registered Feeding Stuffs |
| 150. The San Jose Scale in Kansas | 159. Analyses of Eggs |
| 151. Baby Beef Production with Western Feeds | 160. Cow-peas |
| 137. Variations in the Test of Separator Cream | 161. The Influence of Depth of Cultivation upon Soil Bacteria and Their Activities |
| 138. Effect of Bacteria in Wash-water of Butter, 10 p. | 162. The Marketing of Eggs, 16 pp. |
| 139. The Study of Corn | 163. Hog Cholera and Vaccination |
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| 143. Disposal of Dairy and Farm Sewage and Water-supply, 16 pp. | 167. A Quantitative Method for the Determination of Hardness in Wheat |
| 144. Small Grain Crops | |
| 145. Spraying | |
| 146. Kansas Law Regulating the Sale of Concentrated Feeding Stuffs, 6 pp. | |

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| 168. The Common Mole, 36 pp. | 190. The Influence of Certain Substances upon the Baking Qualities of Flour 50 pp. |
| 169. Fertilizers and Their Use | 191. The Chinch Bug |
| 170. Breeding for Type of Kernel in Wheat | 192. Feeding Hogs |
| 171. Studies on Hog Cholera | 193. Corn |
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| 174. Spraying the Apple Orchard | 196. The Control of Apple Blotch |
| 175. Grasses | 197. Alfalfa in Kansas |
| 176. How to Grow Wheat in Kansas | 198. Kafir in Field and Feed Lot |
| 177. Milling Tests of Wheat and Baking Tests of Flour, 125 pp. | 199. Chemical Analyses of Some Kansas Soils |
| 178. Effect of Common Mill Fumigants on the Baking Qualities of Wheat Flour | 200. Soil Survey of Shawnee County, Kansas |
| 179. Kansas State Live Stock Registry Board: Report No. 2 (Horse Breeding in KS) | 201. Some Factors Influencing the Bacterial Content and Keeping Qualities of Eggs |
| 180. Bacteriological Studies on Eggs | 202. Kansas Flours: Chemical, Baking and Storage Tests |
| 181. State Dairy Commissioners Bulletin No. 2 | 203. Orchard Spraying, 1915, 44 pp. |
| 182. Vaccination against Hog Cholera | 204. Analysis of Inspection Samples of Fertilizers, 1915, 40 p. |
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| 184. Reprint of Bull. 181 Revised. The Permit System of Buying Cream | 206. The Relation of Moisture to Yield of Winter Wheat in Western Kansas, 34 pp. |
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| 187. Analyses of Registered Fertilizers | 209. The Use of Dynamite in the Improvement of Heavy Clay Soils, 34 pp. |
| 188. The Hessian Fly | |
| 189. Mill and Stored Grain Insects | |

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| 660. Quality Maintenance and Marketing of Wheat Stored on Farms and in Elevators in Kansas. Description, Techniques, and Innovations, Carl Reed and Fred Worman, December, 1993, 60 pp. | 661. A Glossary of Agriculture, Environment, and Sustainable Development, R. Scott Frey, July, 1996, 26 pp. |
| | 662. From Dust Bowl to Green Circles—A Case Study of Haskell County, Kansas, Duane D. Williams and Leonard E. Bloomquist, August, 1996. 46 pp. |
| | 663. History of the Agricultural Research Center--Hays: The First 100 Years, William Phillips, April 2001, 134pp. |

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1. Treating Seed Corn to Protect It from Burrowing Animals, 1909 4 p.
2. Preparing Land for Winter Wheat, 4 p.
3. Improved Seed Wheat, 12 p.
4. Prairie Dog Situation, 7 p.
5. Chinch Bug, 6 p.
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18. The Kansas Feeding Stuffs Law (Rev. from 1911), 7 p.
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| 171. Information Regarding Recent Publications (Abstracts of Bulletins 257-264 and Circulars 166-170), 1933, 3 p. | 191. Flax Production in Kansas, 1938, 14 p. |
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| 228. Trend of Real Estate Taxation, 1910-42, 40 p. | 251. Lespedeza in Kansas (rev. 2/56) |
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| 4. | Analyses of Inspection Samples of Fertilizers, Fall 1916 | 14. | The Enforcement of the Kansas Feedingstuffs Law |
| 5. | Feed Registration under the Kansas Feedingstuffs Law | 15. | State Live Stock Registry Board |
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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
34. Effect of Soil-moisture Depletion on Corn Production

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| 35. A Survey of Home Canning in Three Kansas Counties | 54. Seeding Rates of Wheat with Tall Fescue |
| 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 |
| 47. How Nitrification Inhibitors Perform in Kansas | 66. Wheat in Lamb Rations |
| 48. Performance Tests of Red Clover Varieties in Eastern Kansas | 67. Efficient Storage of Soil Moisture with the Wheat-Sorghum-Fallow System |
| 49. Try Some “Super Thick” Sorghum | 68. Response of Soybean Varieties to Different Planting Dates in Southeastern Kansas |
| 50. Fescue Turfgrasses | 69. Reduced Tillage Cropping Systems for Southwest Kansas |
| 51. How Burning and Other Methods of Removing Irrigated Crop Residues Affect Yields and Soils | 70. Proso Millet as a Crop Alternative |
| 52. Perennial Ryegrass for Turf in Kansas | |
| 53. Kentucky Bluegrasses for Turf | |

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| 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 |
| 78. Residual Herbicides for Use in the Wheat-Fallow System 6/84 | 95. Insecticides for Control of Sunflower Moth Larvae on Sunflower |
| 79. Effectiveness of Paraquat as Influenced by Carrier Volume and Climatic Conditions 6/84 | 96. Raw Soybeans in the Diets of Sheet |
| 80. Control of Winter Annual Grasses in South Central Kansas 6/84 | 97. Corn-Soybean Cropping Sequences in the Kansas River Valley |
| 81. Soybeans Tolerant of Iron Chlorosis 12/84 | 98. Field Evaluations of Selected Insecticides to Control Russian Wheat Aphid on Winter Wheat |
| 82. Predicting Pecan Nut Casebearer Activity in Southeast Kansas 10/84 | 99. Pinching Poinsettia Cultivars |
| 83. Phosphorus and Potassium Fertilization of Irrigated Alfalfa 12/84 | 100. Economic Evaluation of Season-Long and Intensive-Early Stocking Systems 2/90 |
| 84. Chemical Control of the Alfalfa Weevil 3/85 | 101. Influence of Seed Size on Winter Wheat Performance Tests 4/91 |
| 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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| 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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| 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. |
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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 |
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| 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 |
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| 12. Commercial Fruit Spray Schedule | 26. 1958 Experiment Station Results with Varieties of Spring Oats and Spring Barley |
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| 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 |
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| 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 |
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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 |
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| 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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| 49. 1960 Kansas Forage Performance Tests under Irrigation | 68. 1962 Vegetable Investigations |
| 50. An Automatic Feed Weigher | |

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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 |
| 75. Investigations of Milk-Fat Lamb Production Practices for Western Kansas | 94. 1963 Research Results. Colby Branch Experiment Station |
| 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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| 107. | Soil Fertility Investigations in Southwest Kansas. Garden City Branch Experiment Station | 122. | 33rd Lamb Feeders' Day. Garden City Branch Experiment Station |
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| 110. | 1965 Experiment Station Results with Small Grain Varieties. Winter Wheat, Winter Barley, Winter Oats | 125. | Colby Sheep Experiments, 1967 |
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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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210.	61st Annual Cattlemen's Day, 1974	227.	1974 Kansas Soybean Performance Tests
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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| 238. | 25th Annual Report. The 1974 Hard Winter Wheat Quality Council | 255. | Kansas Fertilizer Research Report, 1975 |
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| 240. | Sandyland Experiment Field Day, St. John. Stubble Mulch Field Day, Feb. 13--Fall Field Day, Aug. 27 | 257. | 1975 Kansas Corn Performance Tests |
| 241. | Southwest Experiment Field, Minneola. Field Day 1975 | 258. | 1975 Sandyland Experiment Field Spring and Fall Field Day |
| 242. | Newton Experiment Field. Field Day 1975 | 259. | 1975 Kansas Sorghum Performance Tests. Grain and Forage |
| 243. | Cattle Feeders' Day, 1975. Garden City Branch Experiment Station | 260. | 1975 Vegetable Investigations |
| 244. | Bluestem Range Management Clinic | 261. | Colby Sheep Day |
| 245. | North Central Experiment Field, Belleville. Fall Field Day | 262. | Buffalo to Beef. Cattlemen's Day, 1976 |
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| 247. | Cornbelt Experiment Field, Powhattan. Fall Field Day | 264. | Proceedings of the 4th Annual Wheat Marketing Field Day for Kansas Wheat Producers |
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| 249. | Grain Marketing Practices in Kansas | 266. | Beef Cattle Feeding Investigations, Roundup 63. Fort Hays Branch Experiment Station, April 23, 1976, 32 pp. |
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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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273.	1976 Cattle Feeders' Day. Garden City Branch Experiment Station	291.	Cattlemen's Day 1977. What's Ahead for Cattlemen?
274.	Plant and Soil Science Research Results 1974-75. Southeast Kansas Branch Experiment Station	292.	1976 Kansas Sorghum Performance Tests. Grain and Forage
275.	Dairy Science Investigations. Southeast Kansas Branch Experiment Station	293.	1977 Colby Sheep Day
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| 4. A Study of the Etiology of Roup in Birds, 23 p. | 21. Bacillary White Diarrhea in Fowl, 85 p. |
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| 133. Irrigation Water Quality Charts for Kansas | 149. Differentiation, Ecology and Distribution of Immature Slant-faced Grasshoppers (Acridinae) in Kansas |
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| 134. Irrigation Effects on Kansas Soils | 150. Farmers' Tax Support of the Educational Investment in Farm-nonfarm Migrants, April 1967 |
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| 147. Crop Production and Its Stability in Kansas, 1941-1960 | Note: See next page for Research Publications, which continues this numerical series. |

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| 163. Interrelations of Honeybee Preference of Alfalfa Clones and Flower Color, Aroma, Nectar Volume, and Sugar Concentrations, September, 1971, 16 pp. | 169. How Management and Land Expansion Affect Low-income Farms, July, 1975, 23 pp. |
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