

FIFTY YEARS' INDEX
1877-1927

E. H. JENKINS

Connecticut
Agricultural Experiment Station
New Haven

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FOREWORD

In preparing this general index to the annual reports of the Connecticut Agricultural Experiment Station for the fifty years, 1877-1927, only matters of permanent interest and value have been included. For example, the details of the reports on fertilizers and feeding stuffs and other items of passing interest, such as descriptions of well known chemical methods, are omitted.

Three special indexes have been printed as follows: Index to Reports on Foods and Drugs, 1896-1914, Bulletin 187; Index to Reports on Foods and Drugs, 1915-1925, Bulletin 284, and the General Index to Reports of the State Entomologist, 1901-1925, Bulletin 281. These are referred to by title and page, but the details are omitted. The botany department is preparing an index of hosts and fungi and these are not in the general index, but the more important botanical papers are included.

Bulletins of Immediate Information are listed, but their subject matter is not indexed. The acts of the general assembly concerning the station's duties and its buildings and grounds are included, but the general maintenance appropriations are not cited.

Following the general index are (a) an index to analyses of miscellaneous materials, (b) a list of the personnel, (c) list of all bulletins issued since the founding of the station, and (d) lists of all publications, including journal papers, arranged according to departments.

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- Zappe, M. P., '14, iii.

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A. C. Gilbert	June 7, 1905	March 31, 1906
Ralph D. Gilbert	October 1, 1904	March 31, 1906
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Isaac F. Harris ¹	April 10, 1906	December 15, 1906
Frederick W. Heyl	June 1, 1907	June 30, 1908
Albert G. Hogan	July 1, 1913	September 16, 1913
Leigh I. Holdredge	October 19, 1909	July 31, 1912
D. Breese Jones	May 11, 1908	October 30, 1909
C. S. Leavenworth	January 5, 1908	
Leonard M. Liddle	July 1, 1909	August 31, 1910
E. V. McCollum	May 1, 1906	July 31, 1906
Clyde R. Newell	June 23, 1911	August 31, 1911
Laurence S. Nolan	April 10, 1910	
O. L. Nolan	May 13, 1907	March 31, 1920
H. B. Vickery	June 1, 1922	
Alfred J. Wakeman	April 1, 1912	

¹ Mr. Harris was on the station payroll before being on the Carnegie staff.

LIST OF STATION BULLETINS

- Analysis of "Composition for Grass," No. 1.
Analysis of "Composition for Vegetables," No. 2.
Analysis of Soluble Pacific Guano, No. 3.
Fertilizer Analyses, Nos. 4 to 8.
Analyses of Leached Ashes and Egg Food, No. 9.
Fertilizer Analyses, Nos. 10 to 22.
Analyses of Hay, No. 23.
Fertilizer Analyses, Nos. 24 to 33.
Analyses of Hay, No. 34.
Analyses of Maize Kernel, No. 35.
Shell Marl, Marine Mud and Oyster Shell Lime, No. 36.
Fresh Water Sediments, No. 37.
Fertilizer Analyses, Nos. 38 to 43.
Pollard Fertilizers: Caution, No. 44.
Fertilizer Analyses, Nos. 45 to 47.
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"Ashes, from Factories in Canada," No. 54.
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Fertilizer Analyses, No. 59.
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Special Manures and Superphosphates, No. 61.
Fertilizer Analyses, Nos. 62 to 67.
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Fertilizer Law and Analyses, No. 72.
Fertilizer Analyses, No. 73.
Explanation of Analyses, 74.
Fertilizer Analyses, Nos. 75 to 92.
Grasses, No. 93.
Fertilizer Analyses, April, 1888, No. 94.
Fertilizer Analyses, June, 1888, No. 95.
Analyses and Valuation of Feeding Stuffs, No. 96.
Fungous Diseases of Plants (and Fertilizer Analyses), No. 97.
Home Mixed Fertilizers, No. 98.
Fertilizer Analyses, June, 1889, No. 99.
Fertilizer Analyses, September, 1889, No. 100.
Fertilizer Analyses, January, 1890, No. 101.
Fungicides, No. 102.
Fertilizers, No. 103.
Fertilizers, No. 104.

NOTE. From 1877 to 1916, inclusive, the station's annual reports consisted of the results of investigations reported by the staff. Beginning with 1905, the reports are divided into parts, for example, "Part II, Fifteenth Report of the State Entomologist," Report for 1915. At this time, the bulletins were of a more popular nature or took the form of monographs. Commencing with the Forty-First Report, 1917, this distinction was dropped and all publication was in the bulletin series, those issued each year being brought together to constitute the annual report.

A few of the earlier reports and bulletins are now available for distribution to libraries and a list may be obtained from the station.

- Potato Scab, Proteids of the Oat Kernel, Milk Testing, No. 105.
Babcock Method of Determining Fat in Milk and Cream: Analyses of Butter; Fertilizers, No. 106.
Connecticut Species of Gymnosporangium, No. 107.
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Gunning-Kjeldahl Method and a Modification Applicable in the Presence of Nitrates, No. 112.
Fertilizers, No. 113.
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Common Fungous Diseases and Their Treatment, No. 115.
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Cost of Nitrogen, Phosphoric Acid and Potash in Connecticut, No. 122.
Examination of Food Products Sold in Connecticut, No. 123.
The Cost of Plant Food in Connecticut, No. 124.
Preparation and Application of Fungicides, No. 125.
Insecticides: Their Preparation and Use, No. 126.
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Inspection and Care of Nursery Stock, No. 129.
Commercial Feeding Stuffs in the Connecticut Market, No. 130.
The Protection of Shade Trees in Towns and Cities, No. 131.
Condimental and Medicinal Cattle and Poultry Foods, No. 132.
Commercial Feeding Stuffs in the Connecticut Market, No. 133.
The New Law Concerning Insect Pests, 134.
The San José Scale-Insect: Its Appearance and Spread in Connecticut, No. 135.
Preliminary Experiments in Spraying to Kill the San José Scale-Insect. Season of 1901, No. 136.
The Growing of Tobacco Under Shade in Connecticut, No. 137.
Commercial Feeding Stuffs in the Connecticut Market, No. 138.
The Apple Tree Tent-Caterpillar, No. 139.
The White-Fly or Plant-House Aleyrodes, No. 140.
Commercial Feeding Stuffs in the Connecticut Market, No. 141.
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Two Common Scale-Insects of the Orchard, No. 143.
Fighting the San José Scale-Insect in 1903, No. 144.
Commercial Feeding Stuffs in the Connecticut Market, No. 145.
San José Scale-Insect Experiments in 1904, No. 146.
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The Preparation of Tobacco Seed, No. 148.
A New and Valuable Cover-Crop for Tobacco Fields, No. 149.
The Selection of Tobacco Seed Plants, No. 150.
The Chief Injurious Scale-Insects of Connecticut, No. 151.
The Improvement of Corn in Connecticut, No. 152.
The Gipsy Moth and The Brown-Tail Moth, No. 153.
Chestnut in Connecticut and the Improvement of the Woodlot, No. 154.
The Elm Leaf Beetle, No. 155.
Cotton Seed Meal as a Fertilizer, No. 156.

- Lead Arsenate and Paris Green, No. 157.
The Relation of Certain Biological Principles to Plant Breeding, No. 158.
Spray Calendar, No. 159.
Clover Seed in the Connecticut Market, No. 160.
Feeds, Seeds and Weeds, No. 161.
Forest Survey of Litchfield and New Haven Counties, Connecticut, No. 162.
Agricultural Lime; Its Sources, Composition and Prices. With Notes on Its Action in the Soil, No. 163.
Garden and Field Seeds Sold in Connecticut in 1908-1909, No. 164.
San José Scale and Methods of Controlling It, No. 165.
The Management of Tobacco Seed Beds, No. 166.
Inheritance in Maize, No. 167.
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The Mosquito Plague of the Connecticut Coast Region and How to Control It, No. 173.
Wood-Using Industries of Connecticut, No. 174.
The Cost of Agricultural Lime in Connecticut, No. 175.
Tobacco Breeding in Connecticut, No. 176.
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Tests of Soy Beans, 1915, No. 191.
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Manure from the Sea, No. 194.
Insects Injuring Stored Food Products in Connecticut, No. 195.
Some Essential Facts Regarding Nutrition, No. 196.
The Cereal Breakfast Foods, No. 197.
Domestic Supplies of Potash, No. 198.
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Report on Food and Drug Products, 1917, No. 200.
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- Report of the Botanist for 1917 and 1918, No. 214.
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Insects Attacking Squash, Cucumber, and Allied Plants in Connecticut, No. 216.
Report on Commercial Fertilizers, 1919, No. 217.
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Report on Commercial Feeding Stuffs, 1919, No. 221.
New or Unusual Plant Injuries and Diseases Found in Connecticut, 1916-1919, No. 222.
Report on Commercial Fertilizers, 1920, No. 223.
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A Study of the Bulb Mite, No. 225.
Report of the State Entomologist, 1920, No. 226.
Report on Food and Drug Products, 1920, No. 227.
Connecticut Round Tip Tobacco, No. 228.
Report on Commercial Feeding Stuffs, 1920, No. 229.
The Grass-Feeding Frog-Hopper or Spittle-Bug, No. 230.
Report of the Tree Protection Examining Board, No. 231.
Report of the Director for the Year Ending October 31, 1921, No. 232.
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Control of White Pine Blister Rust in Connecticut, No. 237.
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Report on Commercial Fertilizers, 1922, No. 241.
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The Apple and Thorn Skeletonizer, No. 246.
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The Raspberry Fruit Worm, No. 251.
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Better Forests for Connecticut, No. 253.
Report of the Director for the Year Ending October 31, 1923, No. 254.
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Report on Commercial Insecticides and Fungicides, No. 258.
Corn in Connecticut, No. 259.
Rust Infection of Leaves in Petri Dishes, No. 260.
Report on Commercial Fertilizers, 1924, No. 261.
The Rainbow Forest Plantations, No. 262.
Second Report of the Tree Protection Examining Board, No. 263.
Report of the Director for the Year Ending October 31, 1924, No. 264.
Report of the State Entomologist, 1924, No. 265.
The Improvement of Naturally Cross-Pollinated Plants by Selection in Self-Fertilized Lines. 1. The Production of Inbred Strains of Corn, No. 266.
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- Perithecia of *Thielavia Basicola* Zopf in Culture and the Stimulation of Their Production by Extracts from other Fungi, No. 269.
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 Spray Bulletin, No. 271.
 Report on Commercial Insecticides and Fungicides, 1925, 272.
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 A Chemical Investigation of Some Standard Spray Mixtures, No. 278.
 The Genetics and Morphology of Some Endosperm Characters in Maize, No. 279.
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 General Index State Entomologist's Reports, 1901-1905, No. 281.
 Report on Commercial Fertilizers, 1926, No. 282.
 Quality of Vegetable Seeds Sold in Packets in Connecticut, 1926, No. 283.
 Index Food and Drugs, 1915-1925, No. 284.
 Report of the State Entomologist, 1926, No. 285.
 Report on Food and Drug Products, 1926, Part I, No. 286.
 Report on Food and Drug Products, 1926, Part II, No. 287.
 Biology of Birch Leaf Skeletonizer, No. 288.
 Report on Commercial Feeding Stuffs, 1926, No. 289.
 Report on Commercial Fertilizers, 1927, No. 290.
 Report of the Director for the Year Ending October 31, 1927, No. 291.
 Some Insect Pests of Nursery Stock in Connecticut, No. 292.
 Quality of Vegetable Seed Bought by Market Gardeners in Connecticut, No. 293.
 Report of the State Entomologist, 1927, No. 294.
 Report on Food and Drug Products, 1927, No. 295.

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- Combating the San José Scale in 1905, No. 1.
 Blight and Rot of Potatoes, No. 2.
 Fumigation and Treatment of Nursery Stock, No. 3.
 Root-Rot of Tobacco, No. 4.
 The Gipsy Moth Situation and the New Law, No. 5.
 The Uses of the Agricultural Experiment Station, No. 6.
 "Universal Military Service," for Farmers, No. 7.
 Diseases of Bees: Their Detection and Treatment, No. 8.
 The Connecticut Fertilizer Law, No. 9.
 The Treatment of Apple Trees Girdled by Mice, No. 10.
 Why We Must Have Vegetables, No. 11.
 Wild Fire of Tobacco, No. 12.
 Spray Now to Kill European Red Mite, No. 13.
 The Attention of Purchasers of Fertilizers, No. 14.
 Warning to Tobacco Growers, No. 15.
 Regarding Connecticut Sweet-Corn Seed, No. 16.
 Control of Ant Invasions, No. 17.
 The Gipsy Moth Quarantine, No. 18.
 Winter Pruning of Fruit Trees, No. 19.
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- The Apple and Thorn Skeletonizer, No. 26.
 Registration of Bees, No. 27.
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 Information about Insecticides and Fungicides, No. 30.
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 The Apple Maggot or Railroad Worm, No. 43.
 The Gypsy Moth Quarantine, No. 44.
 Sun Scorch, Anthracnose, etc., of Shade Trees, No. 45.
 Prematuring of Vegetables, Rots of Lettuce and Similar Troubles, No. 46.
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 Practical Lawn Suggestions, No. 48.
 Regulations for Carrying Out the Provisions of the Law Concerning Concentrated Commercial Feeding Stuffs, No. 49.
 Regulations Concerning the Shipment of Nursery Stock, and the New Law, No. 50.
 Regulations Concerning the Transportation of Nursery Stock in the United States and Canada, No. 51.
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 The Asiatic Beetle Quarantine, No. 53.
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 The Asiatic Beetle Quarantine (Revision), No. 55.
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 Regulations for Carrying Out the Provisions of the Law Concerning Concentrated Commercial Feeding Stuffs, No. 60.
 Regulations Concerning the Transportation of Nursery Stock in the United States and Canada (Revision), No. 61.

TOBACCO SUBSTATION¹

- Condensed Recommendations for the Control of Wildfire, No. 1.
 Wildfire of Tobacco in 1922, No. 2.
 Experiments in the Curing and Fermentation of Connecticut Shade Tobacco, No. 3.
 Recommendations for the Control of Wildfire (Revision), No. 4.
 Fertilizer Experiments with Tobacco, No. 5.
 Report of Tobacco Station at Windsor for 1925, No. 6.
 The Phosphorous Requirements of Old Tobacco Soils, No. 7.
 Report of Tobacco Station at Windsor for 1926, No. 8.
 Prolonging the Life of Tobacco Shade Tent Poles, No. 9.
 Report of Tobacco Station at Windsor for 1927, No. 10.

¹ The separate series of the tobacco substation was discontinued in 1927, Bulletin 10 being the last. They now appear as bulletins of the regular station series.

ANALYTICAL CHEMISTRY

Reports of the Station

Station publications of the work of the analytical chemistry laboratory in the inspection of commercial fertilizers, foods, drugs and commercial feeding stuffs are to be found numbered consecutively in the annual reports. Each annual report from 1877 has published fertilizer analyses. Reports on foods begin with 1896. The first drugs report was in 1908. Yearly reports on inspection of commercial feeding stuffs begin with 1899, though analyses were published periodically from 1877 until that time. Inspection of insecticides may be found in the biennial report for 1907-1908 and in the annual reports for 1922, 1924 and 1925.

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NOTE. The department of entomology existed from 1894 until 1901 as the department of horticulture, publications of which are listed separately under this heading.

¹This list includes only articles published before the office of the state entomologist was created in 1901. Yearly reports of the state entomologist, numbers one to sixteen, comprising all the entomological work of the station, were published from 1901 to 1916, inclusive, in the annual reports of the station.

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