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THE AGRICULTURAL INDEX



SUBJECT INDEX TO A SELECTED
LIST *of* AGRICULTURAL PERIODICALS *and* BULLETINS
1916-1918

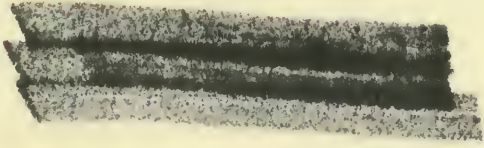
EDITED BY
NELTJE TANNEHILL SHIMER

VOLUMES I-III

THE H. W. WILSON COMPANY
958 - 964 UNIVERSITY AVENUE
NEW YORK CITY
1919

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This volume is the tenth and final number of Volume III in the regular series and is a cumulation in one alphabet of Volumes I, II, and III.

PREFACE

The period of three years, 1916, 1917 and 1918, of which this volume marks the close, has been a significant one for agriculture and agriculturists. The great war has perhaps stimulated wider interest in agrarian matters than in any other subject.

The references included in this cumulation form a permanent record of the articles in a selected list of seventy-eight periodicals, including farm papers and technical journals, the publications of agricultural experiment stations, state and federal departments and boards, the reports of agricultural and horticultural associations, and the extension bulletins of colleges and universities.

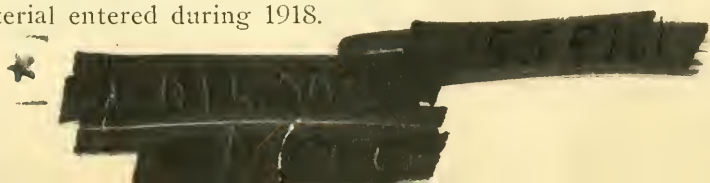
The Agricultural Index was started in January, 1916, at the earnest request of agricultural college librarians. The plan, as at first proposed, was that of a periodical index, with the addition of the experiment station publications and the United States Department of Agriculture bulletins. It was soon apparent, however, that the plan would have to be broadened to serve other needs than those of the agricultural libraries.

Business and technical libraries, college, county, and government libraries, banks, schools, county agents, editors appear on the list of cooperators or subscribers. The Index also goes to fourteen foreign countries, including China and Russia.

Because of the increased interest in the subject, the literature published has been voluminous. The publications of the United States Food Administration on food preparation and conservation, the statistics published by the Food Administration and the United States Bureau of Labor and Statistics in the Monthly Review on food supply and food control in the United States and other countries, the Commerce reports, the publications issued by banks and railroads, by fertilizer and farm machinery industries, these and many other agencies have been contributing much literature of value to those interested in agriculture in its many phases.

It has been the aim of the Index to assemble references to the most important of this material. Much of it is elusive, and cannot be found in other indexes. Some of it is scattered in many different places. To gather it together seemed to be the natural function of a special index. In pursuit of this literature, other indexes, the Readers' Guide to Periodical Literature, and the Supplement, the Industrial Arts Index, the Public Affairs Information Service bulletin, general bibliographies, Library of Congress cards are carefully checked.

A checklist has been given in each number of the Index to enable the user to secure this material. Since much of it is sent gratis, it is of special value, particularly to the smaller libraries. In this cumulation a checklist is given of the material entered during 1918.



PREFACE

The magazines have been indexed completely, in most cases, for the three years. In the case of those added since 1916, the indexing has been carried back to cover the period. In some instances the indexing has been carried back to the beginning of the magazine, as in the case of the Journal of Agricultural Research and the American Journal of Botany. The United States Department of Agriculture Department bulletins are also indexed from the beginning of the series.

The Journal of Dairy Science, Soil Science, the Journal of Bacteriology, System on the Farm, the United States Food Surveys, and the United States Seed Reporters have all been started since 1916. The index to these journals is, therefore, complete.

A third questionnaire asking for a vote on a selected list of magazines to be added to the list will be sent out early in the year. Periodicals will be added to meet the need as it is expressed in the replies to this questionnaire.

It is with pleasure that acknowledgement is made of the valuable assistance of the Massachusetts agricultural college library, Mr. Charles R. Green, librarian, in the work of indexing a few magazines not obtainable by the Index. This service has made it possible to complete the indexing of several volumes which would otherwise have been difficult of accomplishment.

The work of the members of the staff has been particularly efficient and painstaking. Grateful acknowledgement is made to Inez Cavert, Florence Arnold, Angelina Vasti, and Agnes Flanagan for their aid in the endeavor to make this volume an accurate record. Many helpful suggestions have been received from subscribers and friends of the Index. Criticisms have been made in a kindly spirit of cooperation. The new year is welcomed as a year of extraordinary opportunity in all countries for all workers interested in agriculture.

N. T. S.

January 20, 1919.

List of Periodicals and Bulletins Indexed

The periodicals and bulletins listed below are now indexed regularly in the Agricultural Index. This list will be increased as being selected by vote of the subscribing libraries. All subscribers are invited to send the names of any periodicals they would find useful if indexed.

Society and association proceedings and annual volumes indexed will not be entered in this list. The full entry giving data as to secretary, address, price, etc., will be found in the main alphabet under the name of the society.

* One cooperator made the suggestion that it would save time for the librarian if the data regarding the publication of the title page and index were shown in this list. This information will be found below. Abbreviations are given at bottom of page.

It has been suggested that it would be convenient to the librarian to know which inclusive bulletin and circular numbers of the material indexed in this volume have been given in the list below. The inclusive volume numbers of the magazines indexed are also given.

- Ag Digest**—The Agricultural Digest. \$1.50; single numbers 15c. The Agricultural Digest, Inc., 2 W. 45th st, N.Y.
Vols. 1-3 (Discontinued, J1 '18)
- Ag Gaz of Canada**—Agricultural Gazette of Canada. \$1; single numbers 10c. Department of Agriculture, Ottawa, Canada (i-s)
Vols. 3-5
- Ag Gaz of New South Wales**—Agricultural Gazette of New South Wales. Single numbers 6p. Dept. of agriculture, Sydney, Australia
Vols. 27-29
- Ag J of India**—Agricultural Journal of India. 8s 6d; single numbers 3s. W. Thacker & Company, 2 Creed Lane, London
Vols. 11-13
- Ala Ag Exp**—Alabama Agricultural Experiment Station. Publications. Auburn, Ala.
Bulletins 187-204
Circulars 25-38
Press Bulletin 90
Reports, 1916, 1917
- Alaska Ag Exp**—Alaska Agricultural Experiment Station. Publications. U. S. Dept. of agriculture, Division of publications, Washington, D.C.
Circular 1
Report, 1916
- Am Bee J**—American Bee Journal. \$1. 1st National Bank bldg., Hamilton, Ill. (i-s)
Vols. 56-58
- Am Coop J**—American Co-operative Journal. \$1; single numbers 10c. American Co-operative Publishing Company, 230 S. La Salle st, Chicago (i-none)
Vols. 11-14
- Am Fert**—American Fertilizer. \$2; single numbers 25c. Ware Bros. Company, 1010 Arch st, Philadelphia (tpi-none)
Vols. 44-49
- Am Flor**—American Florist. \$1. American Florist Company, 440 S. Dearborn st, Chicago
Vols. 45-51
- Am For**—American Forestry. \$3; single numbers 25c. American Forestry Assn., 1410 H st, N. W., Washington, D.C. (tpi-r)
Vols. 22-24
- Am Fruit Grower**—American Fruit Grower. 50c; single numbers 10c. American Fruit Grower Company, Inc., 329 Plymouth Court, Chicago
Continuation of the combination of American Fruit Grower, Fruit-Grower, Green's Fruit-Grower, and Green's American Fruit Grower
Vols. 38
- Am J Bot**—American Journal of Botany. \$5; single numbers 60c. American Journal of Botany, Brooklyn Botanic Garden, Brooklyn, N.Y. (i-s)
Vols. 1-5 (1914-1918)
- Am P Advocate**—American Poultry Advocate. 50c; single numbers 5c. Clarence C. DePuy, editor & publisher, 1009 S. Salina st, Syracuse, N.Y.
Vols. 24-26
- Am P J**—American Poultry Journal. 60c. American Poultry Journal Publishing Company, 523 Plymouth Court, Chicago (i-none)
Vols. 47-49
- Am Pom Soc Pro**—American Pomological Society. Proceedings. E. R. Lake, sec., Washington, D.C.
Elected but not yet indexed
- Am Sheep B & W**—American Sheep Breeder and Wool Grower. \$1.25; single numbers 15c. 817 Exchange st, Union Stock Yards, Chicago (tpi-none)
Vols. 36-38
- Am Soc Ag Eng**—Transactions of the American Society of Agricultural Engineers. American Society of Agricultural Engineers. F. W. Ives, sec.-treas., Ohio State University, Columbus, O.
Vols. 9-11
- Am Soc Agron J**—Journal of the American Society of Agronomy. \$2.50; single numbers 30c. American Society of Agronomy, L. Carrier, sec., 41 N. Queen st, Lancaster, Pa. (i-s)
Vols. 8-10
- Am Vet M Assn J**—Journal of the American Veterinary Medical Association. \$3; single numbers 30c. Journal of the American Veterinary Medical Assn., Ithaca, N.Y. (tpi-s)
Vols. 48-54

*Abbreviations:

- i- index.
- l sent loose in last number of volume.
- lb sent loose in first number of volume.
- lfn sent loose in a following number of succeeding volume.
- none none issued.
- r sent on request.
- s stitched in last number of volume.
- sb stitched in first number of volume.
- sfn stitched in a following number of succeeding volume.
- tp- title page.
- tpi- title page and index.

LIST OF PERIODICALS INDEXED

- Ann Bot**—Annals of Botany. 30s per volume. Humphrey Milford, Oxford University Press, Amen Corner, London, E. C. (tpi-s)
Vols. 30-32
- Ariz Ag Exp**—Arizona Agricultural Experiment Station. Publications, Tucson, Ariz.
Bulletins 77-82
Reports, 1916, 1917
Timely hints 93 (rev), 114-135
- Ark Ag Exp**—Arkansas Agricultural Experiment Station. Publications, Fayetteville, Ark.
Bulletins 123, 125-144, 153
Circulars 30-44
- Assn Am Ag Coll & Exp Pro**—Association of American Agricultural Colleges and Experiment Stations. Proceedings. J. L. Hills, sec., Burlington, Vt.
- Assn Offic Ag Chem J**—Journal of the Association of Official Agricultural Chemists, \$5. Williams & Wilkins Company, 2419-21 Greenmount av, Baltimore (i-s)
Vols. 1-3 (1916-My 15, 1917)
- Banker-F**—Banker-Farmer. 50c. Agricultural Commission of the American Bankers Association, Champaign, Ill. (i-none)
Vols. 3-6
- Better Fruit**—Better Fruit. \$1; single numbers 10c. Better Fruit Publishing Company, 407 Lumber Exchange, Portland, Ore. (tpi-none)
Vols. 10-13
- Bot Gaz**—Botanical Gazette. \$7; single numbers 75c. University of Chicago Press. Chicago (tpi-s)
Vols. 61-66
- Breeder's Gaz**—Breeder's Gazette. \$1.50. Sanders Publishing Company, 542 S. Dearborn st, Chicago (tpi-l)
Vols. 69-74 (1916-S 1918)
- Cal Ag Exp**—University of California, College of Agriculture. Agricultural Experiment Station. Publications. Berkeley, Cal.
Bulletins 263-300
Circulars 146-198, 200-203, 205
Reports 1916, 1917
- Cal State Comm Hort B**—The monthly bulletin of State Commission of Horticulture, Sacramento, Cal. (i-s)
Vols. 5-7
- Cal Univ Pub**—University of California. Publications in Agricultural Science, Botany and Entomology. Berkeley, Cal.
Agricultural Sciences v 1, nos. 10-13; v 2, no. 3; v 3, nos. 1-10
Botany v 5, nos. 9-12, 14; v 6, nos. 9-13, 15-16; v 7, nos. 1-4
Entomology v 1, nos. 3-8; v 2, no. 1
- Canada Ag**—Dominion of Canada; Department of Agriculture. Publications. Publications Branch, Dept. of Agriculture, Ottawa, Canada
- Colo Ag Exp**—Colorado Agricultural Experiment Station. Publications. Fort Collins, Colo.
Bulletins 180, 217-246
Reports, 1916, 1917
- Conn State Ag Exp**—Connecticut Agricultural Experiment Station. Publications. New Haven, Conn.
Bulletins 190-206
Report, 1916, pts 1-6
- Conn Storrs Ag Exp**—Storrs Agricultural Experiment Station. Publications. Storrs, Conn.
Bulletins 86, 88-95
- Coop Manager & F**—Co-operative Manager and Farmer. \$1; single numbers 10c. Manager Publishing Company, Corn Exchange bldg., Minneapolis, Minn.
Vols. 6-8
- Cornell Ag Exp**—Cornell University. Agricultural Experiment Station of the N. Y. State College of Agriculture. Publications. Ithaca, N.Y.
Bulletins 369-395, 397
Circular 32
Memoirs 9-14
Reports, 1916, 1917
- Cornell Countryman**—Cornell Countryman. \$1; single numbers 25c. New York State College of Agriculture, Cornell University, Ithaca, N.Y. (i-s)
Vols. 14-15 (1917-1918)
- Country Gent**—Country Gentleman. \$1; single numbers 5c. Curtis Publishing Company, Independence square, Philadelphia (tpi-l)
Vols. 81-83
- Country Life**—Country Life in America. \$5; single numbers 50c. Doubleday, Page & Co., Garden City, N.Y. (tpi-l)
Vols. 29-35
- Creamery**—Creamery and Milk Plant Monthly. \$1; single numbers 15c. National Milk Publishing Company, 327 S. La Salle st, Chicago
Vols. 4-7
- Del Ag Exp**—Delaware College. Agricultural Experiment Station. Publications. Newark, Del.
Bulletins 111-119
- Exp Sta Record**—Experiment Station Record. \$1; single copies 15c. U. S. States Relations Service, Washington, D.C.
Only the longer digests indexed.
- Farm Eng**—Farm Engineering. Magazine of Farm Engineering Society of America. \$1; single numbers 10c. Farm Engineering Publishing Company, 608 S. Dearborn st, Chicago (tpi-none)
Vols. 3-7 (1916-April, 1918)
- Farmers' B**—United States Department of Agriculture. Farmers' Bulletin. U. S. Dept. of Agriculture, Division of publications, Washington, D.C.
Bulletins 700-708, 710-944, 946-980, 982-998, 1000, 1004, 1006, 1008, 1010, 1012, 1014, 1018
Revised bulletins issued during period also indexed
- Field II**—Field Illustrated. \$3; single numbers 25c. Advanced Agricultural Publishing Company, 2 W 45th st, N.Y. (tpi-none)
Vols. 26-28
- Fla Ag Dept Quar B**—Florida Department of Agriculture. Quarterly Bulletin. Tallahassee, Fla.
Bulletins Ja, Ap, Jl, O '16, Ja, Ap, Jl, O '17, Ja, Jl, O '18
- Fla Ag Exp**—University of Florida. Agricultural Experiment Station. Publications. Gainesville, Fla.
Bulletins 129-150
Reports, 1916, 1917
- Fla State Plant Bd**—State Plant Board of Florida. Publications. Gainesville, Fla.
Nursery Inspection Circular 8
Quarterly Bulletins O '16, Ja, Ap, Jl, O '17, Ja, Ap, Jl, O '18
- For Quar**—Combined with the Proceedings of the Society of American Foresters and continued as the Journal of Forestry
Vol. 14 (1916)
- Fruit-Grower**—Combined with American Fruit Grower and Green's Fruit Grower and continued as Green's American Fruit Grower
Vols. 27-28
- Ga Ag Coll**—Georgia State College of Agriculture. Publications. Athens, Ga.
Bulletins 109, 114, 116, 119, 121, 125-128, 138, 144, 153, 160
For missing numbers see Extension list
- Ga Ag Exp**—Georgia Agricultural Experiment Station. Publications. Experiment, Ga.
Bulletins 118-125
Circulars 69, 74-76
Report, 1916
- Gard Chron (Lond)**—Gardeners' Chronicle. \$5.50. Gardeners' Chronicle, Ltd., 41 Wellington st, Covent Garden, London, W. C. 2 (tpi-s)
Vols. 59-64
- Gard Chron Am**—Gardeners' Chronicle of America. \$1.50; single numbers 15c. Chronicle Press, Inc., 286 5th av, N.Y.
Vols. 20-22
- Gard M**—Garden Magazine. \$2; single numbers 25c. Doubleday, Page & Co., Garden City, N.Y. (tpi-r)
Vols. 22-28

LIST OF PERIODICALS INDEXED

- Gleanings**—Gleanings in Bee Culture. \$1. A. I. Root Company, Medina, O. (i-s)
Vols. 44-46
- Green's Am Fruit Grower**—Continued as American Fruit Grower
Vols. 37-38
- Green's Fruit Grower**—Combined with American Fruit Grower and Fruit-Grower and continued as Green's American Fruit Grower
Vols. 36-37
- Guam Ag Exp**—Guam Agricultural Experiment Station. Publications. U.S. Dept. of Agriculture, Division of publications, Washington, D.C.
Reports, 1915, 1916
- Hawaii Ag Exp**—Hawaii Agricultural Experiment Station. Publications. U.S. Dept. of Agriculture, Division of publications, Washington, D.C.
Bulletins 41-44
Press Bulletins 51-53
Reports, 1915, 1916, 1917
- Hoard's D**—Hoard's Dairyman. \$1. W. D. Hoard & Sons Company, Fort Atkinson, Wis. (i-lfn)
Vols. 50-56
- Ia Ag Exp**—Iowa State College of Agriculture and Mechanic Arts. Agricultural Experiment Station. Publications. Ames, Ia.
Bulletins 163-180
Circulars 24, 26-53
Report, 1916
Research Bulletins 27, 29-44, 46
Soil survey report 1
- Idaho Ag Exp**—University of Idaho. Agricultural Experiment Station. Publications. Moscow, Idaho
Bulletins 85-108, 110-111
Circulars 2-6
- Ill Ag Exp**—University of Illinois. Agricultural Experiment Station. Publications. Urbana, Ill.
Bulletins 185-198, 201-206, 208-211
Circulars 185-197, 199-207, 209-232
Reports, 1916, 1917
Soil Reports 12-16
- Ind Ag Exp**—Purdue University. Indiana Agricultural Experiment Station. Publications. La Fayette, Ind.
Bulletins 185-214
Circulars 52, 54-57, 59-82
Report, 1917
- Int R Ag Econ**—International Review of Agricultural Economics. 18 frs; single numbers 2 frs. International Institute of Agriculture, Rome, Italy (tpi-none)
Years 7-9 (1916-Mr, 1918)
- Int R Sci & Prac Ag**—International Review of the Science and Practice of Agriculture. 18 frs; single numbers 2 frs. International Institute of Agriculture. Rome, Italy (tpi-r)
Years 7-9 (1917-My, 1918)
- Int Yearbook Ag Leg**—International Yearbook of Agricultural Legislation. 10fr. International institute of agriculture, Rome, Italy
Yearbook, 1916
- Irr Age**—Irrigation Age. \$1. D. H. Anderson, 213 Templeton bldg., Salt Lake City, Utah (tpi-none)
Vols. 31-33
- J Ag (Quebec)**—Journal of Agriculture and Horticulture. \$1. Dept. of Agriculture, Province of Quebec, Canada (i-s)
Vols. 19-22
- J Ag New Zealand**—Journal of Agriculture of New Zealand. 2s 6d; single numbers 6d. New Zealand Department of Agriculture, Wellington (tpi-l)
Vols. 12-17
- J Ag Research**—Journal of Agricultural Research. \$3 U.S. Dept. of Agriculture, Division of Publications, Washington, D.C. (tpi-s)
Vols. 1-15 (1913-1918)
- J Ag Sci**—Journal of Agricultural Science. 15s; single numbers 5s. Cambridge University Press, Fetter Lane, London, E. C. (tp-s)
Vols. 7-9
- J Bact**—Journal of Bacteriology. \$5. Williams & Wilkins Company, 2419-21 Greenmount av, Baltimore (i-s)
Vols. 1-3
- J Bd Ag**—Journal of the Board of Agriculture (Great Britain). Single numbers 4d. Board of Agriculture and Fisheries, 3 St James's sq., London, S. W. 1 (tpi-sb)
Vols. 22-25
- J Bd Ag Porto Rico**. See J Dept Ag Porto Rico
- J Dairy Sci**—Journal of Dairy Science. \$5. Williams & Wilkins Company, 2419-21 Greenmount av, Baltimore (i-s)
Vol. 1
- J Dept Ag Ireland**—Journal of the Dept. of Agriculture and Technical Instruction, Ireland. 6d. E. Ponsonby, ltd., 116 Grafton st, Dublin, Ireland (tpi-s)
Vols. 17-18
- J Dept Ag Porto Rico**—Journal of the Department of Agriculture. Dept. of Agriculture and Labor, San Juan, P. R. (tpi-s)
Vols. 1-2 (1917-1918)
- J Dept Ag S Australia**—Journal of the Dept. of Agriculture of South Australia. 2s 6d. Victoria sq., Adelaide (i-lfn)
Vols. 20-22
- J Dept Ag Victoria**—Journal of the Dept. of Agriculture of Victoria. 5s; single numbers 3p Melbourne, Australia (i-lb)
Vols. 14-16
- J Econ Entom**—Journal of Economic Entomology. \$2.50; single numbers 50c. American Association of Economic Entomologists, Railroad sq., Concord, N. H. (tpi-s)
Vols. 9-11
- J For**—Journal of Forestry. Official Organ of the Society of American Foresters. \$3; single numbers 50c. Society of American Foresters, 930 F st, N.W., Washington, D.C. (tpi-s)
Continuation of the combination of Forestry Quarterly and the Proceedings of the Society of American Foresters
Vols. 15-16 (1917-1918)
- J Heredity**—Journal of Heredity. \$2; single numbers 25c. American Genetic Association, P.O. Box no. 472, Eleventh st station, Washington, D.C. (tpi-s)
Vols. 7-9
- J Home Econ**—Journal of Home Economics. \$2; single numbers 25c. American Home Economics Assn., 1211 Cathedral st, Baltimore (tpi-s)
Vols. 8-10
- Jersey B**—Jersey Bulletin and Dairy World. \$2. Jersey Bulletin Company, 600 Century bldg., Indianapolis, Ind. (i-s)
Vols. 35-37
- Kan Ag Exp**—Kansas State Agricultural College. Agricultural Experiment Station. Publications. Manhattan, Kans.
Bulletins 210-220
Circulars 27 (rev), 39, 55-62, 64-69
Inspection Circulars 2-5
Report, 1916
Technical Bulletins 1-5
- Kimball's D F**—Kimball's Dairy Farmer. 70c; single numbers 5c. Fred L. Kimball Company, 407-13 Commercial st, Waterloo, Ia. (i-s)
Vols. 13-16
- Ky Ag Exp**—Kentucky Agricultural Experiment Station. Publications. Lexington, Ky.
Bulletins 197-217
Circulars 11, 13-19, 21
Report, 1916, 1917
- La Ag Exp**—Louisiana Agricultural Experiment Station. Publications. Baton Rouge, La.
Bulletins 155-164
Reports, 1915, 1916, 1917
- Maine Ag Dept B**—Maine Department of Agriculture. Quarterly Bulletin. Augusta, Maine
Bulletins Mr, Je, S, D '16, Mr, Je, S, B '17, Mr, Je, S '18
- Maine Ag Exp**—Maine Agricultural Experiment Station. Publications. Orono, Maine
Bulletins 246-271
Documents 515, 522-523, 525-526, 528, 531-532
Official Inspections 75-87
Report, 1917

LIST OF PERIODICALS INDEXED

- Market Growers J**—Market Growers Journal. \$1.50. Market Growers Journal Company, Inter-Southern bldg., Louisville, Ky. (i-s)
Vols. 18-23
- Mass Ag Exp**—Massachusetts Agricultural Experiment Station. Publications. Amherst, Mass.
Bulletins 167-183
Circular 66
Control Ser. Bulletins 5-8
- Mass Hort Soc**—See Massachusetts Horticultural Society in main alphabet
- Md Ag Exp**—Maryland Agricultural Experiment Station. Publications. College Park, Md.
Bulletins 192-219
Reports, 1916, 1917
- Mich Ag Exp**—Michigan Agricultural College. Agricultural Experiment Station. Publications. East Lansing, Mich.
Bulletins 276-281
Circulars 28-34
Reports, 1916, 1917
Special Bulletins 77-89
Technical Bulletins 25-40, 42
- Minn Ag Exp**—University of Minnesota. Agricultural Experiment Station. Publications. University Farm, St Paul, Minn.
Bulletins 153-174
Reports, 1916, 1917
Reports, North Central, 1916; Northeast, 1916; Northwest 1910-1916; West Central, 1917
- Minn Hort**—Minnesota Horticulturist. \$1. Minnesota State Horticultural Society. A. W. Latham, sec., 207 Kasota block, Minneapolis, Minn.
Vols. 44-46
- Miss Ag Exp**—Mississippi Agricultural Experiment Station. Publications. Agricultural College, Miss.
Bulletins 173, 175-184
Circular O '17
Technical Bulletins 7-8
- Mo Ag Bd**—Missouri State Board of Agriculture. Publications. Columbia, Mo.
Bulletins Ja-D '16, Ja-D '17, Ja-F, Jl-D '18
Yearbooks, 1916, 1917
- Mo Ag Exp**—University of Missouri. College of Agriculture. Agricultural Experiment Station. Publications. Columbia, Mo.
Bulletins 139-153, 155
Circulars 79-85
Research Bulletins 22-27
- Mont Ag Exp**—Montana Agricultural Experiment Station. Publications. Bozeman, Mont.
Bulletins 109-122
Circulars 51-76
Reports, 1915, 1916
- Monthly Crop Rep**—Monthly Crop Report. Chief of the Bureau of Crop Estimates, Department of Agriculture, Washington, D.C.
Vols. 3-4 (1917-1918)
- Mycol**—Mycologia. \$3. New York Botanical Garden, Bronx Park, New York (i-s)
Vols. 8-10
- N C Ag Exp**—North Carolina Agricultural Experiment Station. Publications. Raleigh, N.C.
Bulletins 235-238, 240
Circulars 34-35
Reports, 1916, 1917
Technical Bulletins 11-15
- N D Ag Exp**—North Dakota Agricultural Experiment Station. Publications. Agricultural College, N.D.
Bulletins 114-127
Circulars 10-18
Reports, 1915, 1916
Special Food Bulletins v 4, nos. 5, 12; v 5, nos. 3-4
- N H Ag Exp**—New Hampshire Agricultural Experiment Station. Publications. Durham, N.H.
Bulletins 178-181, 183-186
Circular 18
Technical Bulletins 10-12
- N J Ag Dept**—New Jersey Department of Agriculture. Publications. Trenton, N.J.
Bulletins 1-17
Circulars 1, 3-5, 7-11, 13
Leaflet 2
- N J Ag Exp**—New Jersey Agricultural Experiment Station. Publications. New Brunswick, N.J.
Bulletins 288-324
Circulars 49-91, 93-96
Hints to poultrymen v 5, nos. 1-12; v 6, nos. 1-12; v 7, no. 1
Report, 1916
- N M Ag Exp**—New Mexico College of Agriculture and Mechanic Arts. Agricultural Experiment Station. Publications. State College, N.M.
Bulletins 100-107, 109-110, 113, 115
Reports, 1916, 1917
- N Y Ag Dept**—New York Department of Agriculture. Publications. Albany, N.Y.
Bulletins 79-94, 96
Circular 136
Report, 1916, pts 2 & 3
- N Y Farms & Markets Dept**—New York State Department of Farms and Markets, Publications. Albany, N.Y.
Agricultural Bulletins 97, 101-108
- N Y Prod R**—New York Produce Review and American Creamery. \$1. Urner-Barry Company, 173 Chambers st, N.Y. (i-lfn)
Vols. 41-47
- N Y State Ag Exp**—New York State Agricultural Experiment Station. Publications. Geneva, N.Y.
Bulletins 414-450
Report, 1915
Technical Bulletins 48-64
- Nat Stock & F**—National Stockman and Farmer. \$1. Stockman-Farmer Publishing Company, Penn and Shady av, Pittsburgh, Pa. (i-s)
Vols. 40-42
- Nat Wool Grower**—National Wool Grower. \$1. National Wool Growers' Association Company, 718 McIntyre bldg., Salt Lake City, Utah (i-none)
Vols. 7-8 (1917-1918)
- Neb Ag Exp**—University of Nebraska. Agricultural Experiment Station. Publications. Lincoln, Neb.
Bulletins 155-163, 165-168
Circulars 1-5
Reports, 1917, 1918
Research Bulletins 6-13
- Nev Ag Exp**—Nevada Agricultural Experiment Station. Publications. Reno, Nev.
Bulletins 84-95
Reports, 1916, 1917
- O Judd Farmer**—Orange Judd Farmer. \$1; single numbers 5c. Orange Judd Company, Springfield, Mass. (i-none)
Vols. 60-65
- Ohio Ag Dept**—Ohio Department of Agriculture, Columbus, O.
Bulletins F, My, Ag, 1918
- Ohio Ag Exp**—Ohio Agricultural Experiment Station. Publications. Wooster, O.
Bulletins 291-325, 327-328
Monthly Bulletins v1, nos. 1-12; v2, nos. 1-12; v 3, nos. 1-10
- Ohio F**—Ohio Farmer. \$1. Lawrence Publishing Company, 1011-13 Oregon av, N.E., Cleveland, O. (i-s)
Vols. 137-142
- Okla Ag Exp**—Oklahoma Agricultural and Mechanical College. Agricultural Experiment Station. Publications. Stillwater, Okla.
Bulletins 108-119
Circulars 40-44, 68, 79
Report, 1917
- Ontario Ag Dept**—Ontario Department of Agriculture. Publications. Toronto, Ontario, Canada
Bulletins 235-267
Circulars 2-3, 6-15
Crop Bulletins 133
- Ore Ag Exp**—Oregon Agricultural College. Agricultural Experiment Station. Publications. Corvallis, Ore.
Bulletins 131, 134-155

LIST OF PERIODICALS INDEXED

- Pa Ag Exp**—Pennsylvania State College, School of Agriculture, Agricultural Experiment Station. Publications. State College, Centre County, Pa.
Bulletins 137-153
Separate 17
- Penn State F**—Penn State Farmer. 75c; single numbers 10c. Agricultural Society, Pennsylvania State College, State College, Pa.
Vols. 9-11
- Philippine Ag R**—Philippine Agricultural Review. \$1. Director of Agriculture, Manila P.I.
Vols. 9-11
- Phyt**—Phytopathology. Official Organ of the American Phytopathological Society. \$5; single numbers 50c. Williams & Wilkins Company, 2419-21 Greenmount av, Baltimore (tpi-s)
Vols. 6-8
- Porto Rico Ag Dept J**. See J Dept Ag Porto Rico
- Porto Rico Ag Exp**—Porto Rico Agricultural Experiment Station. Publications. U.S. Dept. of Agriculture, Division of Publications, Washington, D.C.
Bulletins 19-25
Circulars 16-17
Reports, 1916, 1917
- Porto Rico Insular Exp**—Porto Rico Department of Agriculture and Labor. Insular Experiment Station. Publications. Rio Piedras, P.R.
Bulletin 17
Circulars 12-13
Reports, 1916, 1917
- Power F**—Power Farming. 50c. Power Farming Press, St Joseph, Mich. (i-none)
Vols. 25-27
- Prac F**—Practical Farmer. 50c Walker Publishing Company, 121 N. 7th st, Philadelphia (i-none)
Vols. 112-114
- Prog F**—Progressive Farmer. \$1; single numbers 5c. Progressive Farmer Company, 1702 4th av, Birmingham, Ala. (i-r)
Vols. 31-33
- Purdue Ag**—Purdue Agriculturist. 50c Purdue University, Lafayette, Ind. (i-none)
Vols. 10-13
- R I Ag Exp**—Rhode Island Agricultural Experiment Station. Publications. Kingston, R.I.
Bulletins 164-173
Inspection Bulletins My. O '16, My. O '17, My '18
Report, 1917
- Reliable P J**—Reliable Poultry Journal. 50c; single numbers 10c. Reliable Poultry Journal Publishing Company, Quincy, Ill. (tpi-none)
Vols. 22-25
- Royal Hort Soc J**—Journal of the Royal Horticultural Society. 10s. Royal Horticultural Society, Vincent square, London, S.W. (tpi-none)
Vol. 42 (pts. 1-3)
- Rural Manhood**—Rural Manhood. \$1; single numbers 15c. International Committee of Y. M. C. A.'s, 347 Madison av, N.Y. (i-s)
Vols. 7-9
- Rural N Y**—Rural New-Yorker. \$1; single numbers 5c. Rural Publishing Company, 333 W. 30th st, N.Y. (i-r)
Vols. 75-77
- S C Ag Dept**—South Carolina Department of Agriculture, Commerce and Industries. Publications. Columbia, S.C.
Bulletins 57, 59-61
- S C Ag Exp**—South Carolina Agricultural Experiment Station. Publications. Clemson College, S.C.
Bulletins 185-197
Circular 29
Reports, 1916, 1917
- S D Ag Exp**—South Dakota State College of Agriculture and Mechanic Arts. Agricultural Experiment Station. Publications. Brookings, S.D.
Bulletins 163-181
Reports, 1916, 1917
- Soc Am For Pro**—Combined with Forestry Quarterly and continued as Journal of Forestry
Vol. 11 (1916)
- Soil Sci**—Soil Science. \$6. Williams & Wilkins Company, 2419-2421 Greenmount av, Baltimore (tpi-s)
Vols. 1-6
- Swine World**—Swine World. \$1; single numbers 10c. James J. Doty Publishing Company, 608 S. Dearborn st, Chicago
Vols. 5-6 (S 1917-1918)
- System on the Farm**—System on the Farm. \$2; single numbers 20c. A. W. Shaw Company, Wabash and Madison st, Chicago (tpi-none)
Vols. 1-3
- Tenn Ag Exp**—University of Tennessee. Agricultural Experiment Station. Publications. Knoxville, Tenn.
Bulletins 115-119
- Tex Ag Exp**—Texas Agricultural Experiment Station. Publications. College Station, Tex.
Bulletins 184-221, 223-224
Circulars 11-18
- Tuskegee Exp**—Tuskegee Normal and Industrial Institute. Experiment Station. Publications. Tuskegee Institute, Ala.
Bulletins 31-33, 35-36
- U S Ag**—United States Department of Agriculture. Publications. Division of Publications, Washington, D.C.
(A copy of any of the publications listed except those otherwise noted, may be obtained free as long as the Department's supply lasts. After this Department's supply is exhausted, publications can still be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. Send all remittances to the Superintendent of Documents direct. In cases where the free copies are exhausted at the time of entering publication, the price will be given)
- A. I. 26, 31, 34
B. S. Doc. 109
Bulletins 1-890, 392-403, 405-407, 409-414, 416, 418-419, 421, 423-612, 614-616, 618-675, 677-710, 712-717, 719, 721-733, 725, 729, 731-736
B. P. I. Inventories 38-44
C. T. & F. C. D. Circulars 1-5
Circulars 55-56, 58-60, 63-72, 75, 77-82, 85-120, 122-123
D. R. P.—2
Doc.—Markets 3, 5, 8-17
Farmers bulletin. See Farmers' B
F. I. C. 17
Index to Department bulletins 1-325 (13) pts
Index to Farmers' Bulletins 501-775 (11 pts)
No. Am. Fauna—40, 42-44
Reports 110-117
S. R. A.—B. A. I. 125-126, 128
S. R. A.—B. S. 22-23
S. R. A.—Chem Index 1918
S. R. A.—Fed. Hort. Bd. 45-47, 49-52, 54, 56
S. R. A.—Insecticide 22
S. R. A.—Markets 6-8, 10-11, 18, 20-28, 30-38.
Separates 686-688, 691-696, 698-724, 729, 731-732, 736, 739-740, 742, 744-745, 747, 751, 755, 757, 760
Soils Bur. advance sheets. See entries under
Soil surveys in main alphabet
W. T. A.—16-23
Weekly N L. See Weekly N L
Yearbooks 1915-1917
- Miscellaneous*
- Annual reports of the Department, 1917.
Also issued separately
Bibliographical work, special indexes, directories and lists of publications in progress in Department of agriculture
Cooperative extension work in agriculture and home economics, 1916; pt 2 of report on experiment station and extension work in the U.S.
Geography of the world's agriculture
List of publications issued since July 1 '13 (rev. D 31 '16)
List of workers in subjects pertaining to agriculture and home economics
Manual of dangerous insects likely to be introduced in the U. S. through importations

LIST OF PERIODICALS INDEXED

- U S Ag**—Miscellaneous—*Continued*
 Reports, 1918, of the Director of the States Relations Service, the Librarian, and the Secretary of the Department
 Story of the cattle fever tick
 Supplying the farm labor need
 Work and experiments of the agricultural experiment stations, 1916; pt 1 of report on experiment stations and extension work in U. S.
- U S Ag Farmers' B.**—See Farmers' B.
- U S Food Surveys**—Food Surveys. United States Department of Agriculture, Bureau of Markets, Washington, D.C.
 Vols. 1-2
- U S Seed Rep**—United States Seed Reporter. Seed Reporting Service, 59 Board of Trade bldg., Chicago
 Vols. 1-2
- Utah Ag Exp**—Utah Agricultural College Experiment Station. Publications. Logan, Utah
 Bulletins 142-164
 Circulars 18, 20-33
- Va Ag Dept**—Virginia Department of Agriculture & Immigration. Publications. Richmond, Va.
 Bulletins 115-132, 134
- Va Ag Exp**—Virginia Polytechnic Institute. Agricultural Experiment Station. Publications. Blacksburg, Va.
 Bulletins 210-219
 Report, 1916
 Technical Bulletins 10-18
- Va Truck Exp**—Virginia Truck Experiment Station. Publications. Norfolk, Va.
 Bulletins 18-24
- Vt Ag Exp**—Vermont Agricultural Experiment Station. Publications. Burlington, Vt.
 Bulletins 192-209
- W Va Ag Dept**—West Virginia Department of Agriculture. Publications. Charleston, W. V.
 Bulletins 13-35
- W Va Ag Exp**—West Virginia University. Agricultural Experiment Station. Publications. Morgantown, W. Va.
 Bulletins 152, 156-166
 Circulars 24-28
 Inspection Bulletins 4-5
 Report, Jl 1 '14-Je 30 '16
- Wallaces' F**—Wallaces' Farmer. \$1. Wallace Publishing Company, 11th & Walnut sts, Des Moines, Ia. (1-r)
 Vols. 41-43
- Wash Ag Exp**—State College of Washington. Agricultural Experiment Station. Publications. Pullman, Wash.
 Bulletins 124, 128-150
 Popular Bulletins 98-115
- Weekly N L**—Weekly News Letter. U. S. Dept. of Agriculture, Washington, D.C.
 Vols. 4-6 (1917-1918)
- Western Wash Ag Exp B**—Western Washington Agricultural Experiment Station. Monthly Bulletin. Puyallup, Wash.
 Bulletins v 4, nos. 4-8, 10-12; v 5, nos. 1-12; v 6, nos. 1-8
- Wis Ag Dept**—Wisconsin Department of Agriculture. Publications. Madison, Wis.
 Bulletins 2-4, 9-14
 Circulars 2-3, 5, 8-10
- Wis Ag Exp**—University of Wisconsin. Agricultural Experiment Station. Publications. Madison, Wis.
 Bulletins 261-291, 293-5; 2d ed 222, 230, 238
 Research Bulletins 39-42
- Wyo Ag Exp**—Wyoming Agricultural Experiment Station. Publications. Laramie, Wyo.
 Bulletins 110-117
 Reports, 1916, 1917

List of Selected Extension Publications

The valuable extension bulletins of all the agricultural colleges will be indexed as they are received. Inclusive bulletin and circular numbers are given for the publications indexed in this volume.

- Ala Ag Ext**—Alabama Polytechnic Institute. Extension Service. Publications. Auburn, Ala. Circulars 4, 7, 9-10, 12, 14-15, 18, 22
- Ariz Ag Ext**—University of Arizona. College of Agriculture. Extension Service. Publications. Tucson, Ariz. Circulars 3, 6-11, 15-20, 22, 24 Reports, 1916, 1917
- Ark Ag Ext**—University of Arkansas. Extension Division. Publications. Fayetteville, Ark. Bulletin 1 Circulars 50-51 Clovers for Arkansas farmers Food is the greatest necessity Spraying manual
- Clemson College Ext.** See S C Ag Ext
- Colo Ag Ext**—Colorado Agricultural College. Extension Service. Publications. Fort Collins, Colo. Bulletins 123, 126-127, 129-130, 132-137, 139-143, 145 Report, 1917 Series 103-105
- Conn Ag Coll Ext**—Connecticut Agricultural College. Extension Service. Publications. Storrs, Conn. Bulletins 1-11 Biennial report for year ending Sept. 30, 1916 Joint Circular 3
- Cornell Ag Ext**—N.Y. State College of Agriculture at Cornell University. Extension Service. Publications. Ithaca, N.Y. Bulletins 1-2, 5-6, 9-10, 12, 14, 24-28
- Cornell Reading Course**—Cornell University. N. Y. State College of Agriculture. Cornell Reading Course for the Farm. Ithaca, N.Y. Reading Course, nos. 100, 103-119, 121, 123-132 Reading Course Farm Home 117-118
- Del Ag Ext**—Delaware College. Division of Agricultural Extension. Publications. Newark, Del. Bulletin 3 Circulars 4-6 Liberty recipes
- Fla Ag Ext**—University of Florida. Agricultural Extension Division. Publications. Gainesville, Fla. Bulletins 4-12 Circulars 2, 4-5 Report, 1917
- Fla State College for Women.** Publications. Tallahassee, Fla. Bulletins 12-15, 17-18 Leaflet 1
- Ga Ag Coll (Ext)**—Georgia State College of Agriculture. Extension Division. Publications. Athens, Ga. Bulletins 104-105, 107, 110-111, 113, 115, 117-118, 120, 122-124, 129-134, 136-137, 139-142, 145-147, 157-159 Circulars 19-26, 29-30, 33, 35, 37, 40-45, 47-51, 53-67, 69, 72 (rev), 73b, 73c, 74-76 Posters 14, 16, 20-21
- Hampton Leaflets**—Hampton Normal and Agricultural Institute. Hampton Leaflets, Hampton, Va. v 7, nos. 6-11; v 7 (sup. to no. 11); v 8, no 1
- Ia Ag Ext**—Iowa State College of Agriculture and Mechanic Arts. Extension Department. Publications. Ames, Ia. Bulletins 25 (rev), 38-45, 47, 50, 54, 56, 60-65 Emergency Leaflets 3-7, 17, 19, 35, 38, 40-41, 42 (rev), 43-44 Home Economics Bulletins 1, 3-9 Home Economics Circulars 2 ('16-'17), 2 ('17-'18) 5-13, 15-16 Junior Circulars 37, 40, 46, 48 (Mr), 48 (Ap) Short Course Notes 15-16, 20-21 (rev), 23, 25 Tractor troubles and remedies
- Idaho Ag Ext**—University of Idaho. Extension Division. Publications. Boise, Idaho. Bulletins 15-17
- Ill Ag Ext**—University of Illinois. College of Agriculture. Extension Service in Agriculture and Home Economics. Publications. Urbana, Ill. Circulars 1-2, 4-5, 7-10, 12-25 Boys and girls' pig clubs
- Kan Ag Ext**—Kansas State Agricultural College. Division of College Extension. Publications. Manhattan, Kansas. Bulletins 5-11, 14-18; v 6, Ja '16 Circulars 5, 7-10 x—Forms 1-2
- Ky Ag Ext**—University of Kentucky. College of Agriculture. Extension Division. Publications. Lexington, Ky. Circulars 40-42, 44-46, 48-49, 54, 56-61, 63-65
- Ky Univ B**—Bulletin of University of Kentucky. College of Agriculture. School of Home Economics. Lexington, Ky. Bulletins v 8, no 1 (5 nos.), v 9, no 1, 8
- La Ag Ext**—Louisiana State University and Agricultural and Mechanical College. Extension Division. Publications. Baton Rouge, La. Bulletin 25 Circulars 10-19, 26
- Maine Ag Ext**—Maine University. College of Agriculture. Agricultural Extension Service. Publications. Orono, Me. Bulletins 109, 111, 112 (rev), 113, 115-120 Circulars 32-36
- Manitoba Ag Dept Farmers' Lib (Ext)**—Manitoba Farmers' Library. Extension Division. Publications. Manitoba Department of Agriculture and Immigration, Winnipeg. Bulletins 1-2, 4-5, 12
- Mass Ag Ext**—Massachusetts Agricultural College. Extension Service. Publications. Amherst, Mass. Bulletins 9-15, 18-21, 23 Bulletins for Farm Women 4-5 Circulars 1, 5-11, 13-20, 23-28, 30-32, 34, 36-54, 56, 58-61, 63, 67-69, 71-72, 74 Library Leaflet 28
- Md Ag Ext**—Maryland State College of Agriculture. Extension Service. Publications. College Park, Md. Bulletins 3 (rev) 8-13 Circular 43 Letters nos. 9, 9a, 24, 28, 31, 33-34 Report, 1917
- Mich Ag Ext**—Michigan Agricultural College. Extension Division. Publications. East Lansing, Mich. Bulletins 1-5, 9, 11, 13-15, 16 (Jl), 16 (Ag) Club Bulletins 5-8 Course Notes 10 (reprint), 19 Extension Course Notes 10
- Minn Ag Ext**—University of Minnesota. College of Agriculture. Extension Division. St Paul, Minn. Minn Farmers' Lib Ext B 61-64 Special Bulletins 15-20, 22-29
- Miss Ag Ext**—Mississippi Agricultural and Mechanical College. Agricultural Extension Department. Publications. Agricultural College, Miss. Bulletins 1-2, 4-6 Circulars 1-3, 6-9, 19 Home Economics Bulletins 6-8 List of farm building plans
- Mo Ag Ext**—University of Missouri. College of Agriculture. Agricultural Extension Service. Publications. Columbia, Mo. Circulars 8-21, 23-45, 47-52 Project Announcements 9, 11
- Mont Ag Ext**—Montana State College of Agriculture and Mechanic Arts. Extension Service. Publications. Bozeman, Mont. Publications nos. 24-27

LIST OF SELECTED EXTENSION PUBLICATIONS

- N C Ag Ext**—North Carolina College of Agriculture and Mechanic Arts. Agricultural Extension Service. Publications. Raleigh, N.C.
Circulars 7-18, 20-21, 24, 28-30, 32, 37-39, 53, 56-57, 60-64, 66-71, 73, 75-76, 78, 80
Extension Farm News v 3, no 51; v 4, no 3
Reports, 1916, 1917
- N D Ag Ext**—North Dakota Agricultural College. Agricultural Extension Department. Publications. Agricultural College, N.D.
Bulletins 4-13
Circulars 14-15
- N H Ag Ext**—New Hampshire College of Agriculture and the Mechanics Arts. Extension Service. Publications. Durham, N.H.
Bulletins 6-8
Circulars 16-20, 26-41
Press Bulletins 62-64, 66, 68-70, 73
- N J Ag Ext**—New Jersey State Agricultural College. Division of Extension. Publications. New Brunswick, N.J.
Bulletins v 1, nos 8, 10, 13-18
Emergency Bulletin 24
- N M Ag Ext**—New Mexico College of Agriculture and Mechanic Arts. Extension Service. Publications. State College, N.M.
Circulars 28 (D), 29 (F), 29 (Ap), 30 (F), 30 (Mr), 30 (Je)
- Neb Ag Ext**—University of Nebraska. College of Agriculture. Extension Service. Lincoln, Neb.
Bulletins 37-48, 50
Cooking club lessons 1-9
Corn club lessons 1-8
Emergency Bulletins 26, 33-34
Pig club lessons
Sewing club lessons 1-12
- Nev Ag Ext**—University of Nevada. College of Agriculture. Extension Division. Publications. Reno, Nev.
Bulletins 1-11, 14-18
Leaflets 2-3
- Ohio Ag Ext**—Ohio State University. Agricultural College. Extension Service. Publications. Columbus, O.
Bulletins v 11, nos 2-3, 7-12, 14-15; v 12, nos 1-7; v 13, nos 2-4, 6-12, 15-16; v 14, no 1
Circular v 1, no 2
- Okla Ag Ext**—Oklahoma Agricultural and Mechanical College. Extension Division. Publications. Stillwater, Okla.
Bulletins 66-67, 69-71
Circulars 30, 32-33, 35, 37, 39-44, 46-65, 72-74, 76-78, 82
- Ore Ag Ext**—Oregon Agricultural College Extension Service. Publications. Corvallis, Ore.
Bulletins 131, 146, 157-158, 165, 167, 180, 182-195, 197-198, 200-201, 203-204, 206-207, 209, 211, 295-297
Bulletins 157 (ser. 7, no. 3), 209 (ser. 2, no. 42), 210 (ser. 2, no. 43), 211 (ser. 2, no. 44), 212 (ser. 2, no. 45), 222 (ser. 3, no. 9), 226 (ser. 2, no. 47), 228 (ser. 2, no. 48); Ser 1, no 14; Ser 2, no 49; Ser 3, no 10
- Pa Ag Ext**—Pennsylvania State College. School of Agriculture. Department of Agricultural Extension. Publications. State College, Centre County, Pa.
Bulletins v 3, no 9; v 4, nos 4, 12; v 5, no 3
Circulars 45-48, 50-59, 68-71, 73
- Purdue Ag Ext**—Purdue University. Department of Agricultural Extension. Publications. LaFayette, Ind.
Bulletins 44-45, 47-48, 50-56, 58-70, 72
Leaflets 58, 66, 68, 71-88, 90, 92-100, 102-103
Maintain the wheat acreage and increase the yield for 1919
Report, 1917
- R I Ag Ext**—Rhode Island State College. Extension Department. Publications. Kingston, R. I.
n s Bulletins 2-3
- S C Ag Ext**—Clemson Agricultural College. Extension Division. Publications. Clemson College, S.C.
Bulletins A (rev), 14 (rev), 19-22, 29 (rev), 32-33, 38-40
Report, 1916
- S D Ag Ext**—South Dakota State College of Agriculture and Mechanic Arts. Extension Division. Publications. Brookings, S.D.
Circulars 3-9
Jelly making, preserving and pickling
- Tenn Ag Ext**—Tennessee University. College of Agriculture. Division of Extension. Publications. Knoxville, Tenn.
Home economics circulars 1-6
Publications 13 (General ser. 6), 14 (Home econ. ser. 7), 15 (General ser. 7), 18 (General ser. 10), 23 (Home econ. ser. 9), 24 (General ser. 14), 40, 52-58, 64, 68, 70, 73
What to do every month on the management and feeding of hogs
- Tex Ag Ext**—Texas Agricultural and Mechanical College. Extension Service. Publications. College Station, Texas
Bulletins 10, B17, B21-B22, B25-B32, B34-B35, B42-B46, C3-C7
Tex Ag Ext Farm News v 3, no 7-B, 12, 22-A
- Utah Ag Ext**—Utah Agricultural College. Extension Division. Publications. Logan, Utah
Circulars v 5, no 29; v 6, nos 4, 6-7, 9-11, 13-19, 28
- Va Ag Ext**—Virginia Agricultural and Mechanical College and Polytechnic Institute. Division of Extension Work. Publications. Blacksburg, Va.
Bulletins 22, 6-28
- Vt Ag Ext**—University of Vermont. College of Agriculture. Extension Service. Publications. Burlington, Vt.
Circulars 6, 8-14
Production and Conservation Series 1-20, 23-25, 31-39, 50-52
- W Va Ag Ext**—West Virginia University. College of Agriculture. Extension Department. Publications. Morgantown, W.Va.
Circulars 51-52, 54-71, 73-77, 79-87, 89, 91-94, 97, 104, 113, 117-118, 124, 126-129, 142, 153, 157, 172-173, 175, 194-96 202-206, 208, 211-213, 215
Boys' and girls' clubs instruction sheets (Numbered in regular series of circulars, not consecutively)
- Wash Ag Ext**—State College of Washington. Department of Extension. Publications. Pullman, Wash.
Series 1, nos 5, 10-12, 14-16, 18-24, 30-33, 35-40, 42-43, 45-46
- Wis Ag Ext**—University of Wisconsin. College of Agriculture. Extension Service. Publications. Madison, Wis.
Circulars 56-69, 69 (rev), 70-75, 77-79, 80 (rev), 81-116

Key to Abbreviations

abr. abridged	comr. commissioner	Inst. Institute, In-	no. number
Ag. Agricultural	cond. condensed	stitution	O. October
Ag. August	conf. conference	Int. International	p. pages
Ap. April	cont. continued	J. Journal	pamph. pamphlet
B. Bulletin	D. December	Ja. January	por. portrait
Bd. Board	econ. economic	Je. June	Pub. proceedings
bibliog. bibliography	educ. education	Jl. July	Pub. publications
bdg. building	eng. engineering,	lib. library	Rep. report
Bot. Botanical	engineers	mim. mimeographed	Sci. science, scientific
Bur. bureau	Exp. Experiment sta-	misc. miscellaneous	S. September
C. Circular	tion	Mr. March	Ser. Series
c. cents	ext. extension	My. May	Soc. Society
chm. chairman	F. February	Nat. National	sup. supplement
com. committee	gen. general	N. November	Trans. Transactions
comp. compiled, com-	hdbk. handbook	n.d. no date	Univ. University
piler	il. illustrated, -ion,	n.p. no paging	v. volume
	-ions		yr. year

Checklist of Occasional Literature for 1918

Following the usual practice, references to occasional material entered for the first time are indicated in the main alphabet by an asterisk.

- Alabama Department of education, Montgomery**
Better farming day March 16, 1917. (B. 50)
Clean-up and school improvement day, January 12, 1917
Consolidation of schools and transportation of pupils. (B. 56)
- Alabama State highway commission, Montgomery**
6th annual report, from April 1st, 1916, to April 1st, 1917. (B. 14)
- Alaska, Governor, Sitka**
Information for the public in regard to the Alaska game law and regulations of the Department of agriculture. (Game C. 5)
- Alberta Department of agriculture, Live stock Branch, Edmonton**
Proceedings of the 5th annual convention of the Western Canada live stock union, Regina, Saskatchewan, Nov. 14-15, 1917
- Alberta Women's institute branch, Edmonton**
4th annual conference of the Women's institutes of Alberta
- American agricultural chemical company, Agricultural service bureau, 92 State st, Boston**
Important factors in potato production. H. J. Wheeler. (B. no. 9)
- American association of agricultural college editors, Manhattan, Kansas**
Editing the agricultural bulletin; stylebook. F. C. Dean and others
- American cotton manufacturers association, W. D. Adams, sec., Charlotte, N. C.**
Proceedings of the 21st annual convention, Washington, D. C., May 22-23, 1917
- American home economics association, Emergency committee, 19 W. 44th st, N.Y.**
Conservation of fats. H. T. Vulté
Save our sugar; emergency recipes. B. E. Shapleigh
- American railway perishable freight association, 135 E. 11th Place, Chicago**
Plant diseases of importance in the transportation of fruits and vegetables. G. H. Coons and R. Nelson. (C. no. 473-A)
- American school of poultry husbandry, Leavenworth, Kansas**
Solving the poultry feeding problem. T. E. Quisenberry
- American steel and wire company, Chicago**
Potato flakes and flour. (Crop report June 15)
Weekly crop reports
- American sugar refining company, 117 Wall st., N. Y.**
Annual report for the 27th year ending Dec. 31, 1917
- Arizona Commission of agriculture and horticulture, Phoenix**
9th annual report for the year ending June 30, 1917
Plant inspection and quarantine laws, orders and regulations applying in the state of Arizona
- Arizona Live stock sanitary board, Phoenix**
Live stock laws of the state of Arizona
- Arizona State fair commission, B. W. Zachau, sec., Phoenix**
Premium list, 1917
- Arizona State game warden, Phoenix**
Arizona fish and game law; 1918 revised edition
- Arizona State land department, Phoenix**
4th bi-annual report, Jan. 1-June 30, 1917
5th bi-annual report, July 1-Dec. 31, 1917
6th bi-annual report, Jan. 1-June 30, 1918
- Atlanta Chamber of commerce, Atlanta, Ga.**
Proceedings of the Southeastern food conference held at Atlanta, April 5, 1917
- Atlantic coast line, Agricultural department, Wilmington, N.C.**
Nation's garden spot
New beginning in the nation's garden spot, south Georgia and Alabama. A. Maul
- Australia Advisory council of science and industry, Melbourne**
Alunite deposits of Australia and their utilization. (B. 3)
Cattle tick in Australia. (B. 1)
Executive committee report, 1918, p 15 Agricultural and pastoral industries
Worm nodules in cattle. (B. 2)
- Australia. Advisory council of science and industry, Queensland committee, Brisbane**
Report of committee on tuberculosis, with special reference to cattle and pigs
- Australia quarantine service, Melbourne**
Malaria mosquito survey of irrigation areas in the Murray river district. F. H. Taylor. (Service Pub. no. 12)
- Bachman, H. F., & Co., Bankers, 61 B'way, N.Y.**
Cost of cotton production—season, 1917-18.
Semi-monthly scientific reports on condition and acreage of the cotton crop
- Barrett company, Agricultural dept., 17 Battery Place, N.Y.**
Sulphate of ammonia; its source, production and use
Sweet potatoes and yams
- Boston Chamber of commerce**
Milk question in New England
- Boston League for preventive work, 44 Bromfield st**
Food supply in families of limited means; a study of present facts of the food problem in Boston families. M. M. Davis, jr. (Pub. no. 3)
- British Columbia Dept. of agriculture, Victoria**
Proceedings of the Entomological society of British Columbia, 1916
16th annual report of Farmers' institutes of British Columbia and minutes of the proceedings of the 17th annual convention of the Central farmers' institute
27th annual report of the British Columbia fruit-growers' association for the year ending December 31st, 1916
- Brooklyn institute of arts and sciences, Department of biological laboratory, Brooklyn, N.Y.**
New York city's biological reserve; the biological laboratory at Cold Spring harbor, Long Island
- Bureau of educational experiments, 16 W. 8th st, N.Y.**
Camp Liberty, a farm cadet experiment. (B. 7) (10c)

CHECKLIST

- California Board of fish and game commissioners, San Francisco**
California laws relating to fish and game and federal game regulations, 1917-1919. 20th ed
- California Commission on land colonization and rural credits, Sacramento**
Report, 1916
- California Industrial welfare commission, 525 Market st., San Francisco**
Report on the regulation of wages, hours and working conditions of women and minors in fruit and vegetable canning industry of California. (B. 1)
- California prune and apricot growers, Inc., San Jose**
All about prunes and apricots
- California State board of education, Sacramento**
Landscape improvement of rural school grounds. J. W. Gregg and others. (B. 20)
- California State board of forestry, Sacramento**
Handbook of forest protection, 1918.
- California State board of viticultural commissioners, Sacramento**
California's grape industry. (B. 10)
Grape syrup; the possibilities of production in California. (B. 12)
Ohanez grape. (B. 11)
- California State commissioner of horticulture, Sacramento**
7th biennial report, 1915-1916
- California State dairy bureau, 268 Market st, San Francisco**
11th biennial report, 1915-1916
Laws of California relative to production and standard of dairy products
- California State forester, Sacramento**
Fire prevention day
6th biennial report, 1915-1916
Wood utilization service. (C. 6)
- California State land settlement board, Berkeley**
Act creating a State land settlement board and defining its powers and duties and making an appropriation in aid of its operations. (Senate Bill no. 584)
Farm allotments and farm laborers' allotments in the Durham State land settlement
Information for landowners. (C. 1)
- California State market commission, 525 Market st., San Francisco**
2d annual report of the State market director, 1917
- California State veterinarian, Sacramento**
8th biennial report for the two years ending June 30, 1916
- Canada Commission of conservation, Ottawa**
Forest regeneration on certain cut-over pulpwood lands in Quebec. C. D. Howe.
Report of conference on urban and rural development in Canada, held at Winnipeg, May 28-30, 1917
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 Commodity licensing

CHECKLIST

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- Conservation and regulation in the United States during the world war; an outline for a course of lectures to be given in higher educational institutions. C: R. Van Hise. (2 pts)
- Creation of United States Food administration. (B. 6)
- Doubling the wheat dollar. C: W. Holman
- Few food problems. M. L. Requa. (B. 9)
- Food and the war; a textbook for college classes, prepared with the co-operation of the Department of agriculture and the Bureau of education (80c)
- Food conservation. R. L. Wilbur. (Typew)
- Food conservation bibliography
- Food questions answered
- Garbage utilization with particular reference to utilization by feeding
- Grain and live stock; national policy touching vital food elements indicated by factors of war period. H. Hoover. (B. 10)
- Handbook for Pennsylvania train exhibit; food conservation car. J: H. Cover. (Mim)
- Ice harvest
- Licensed millers of corn, corn starch, barley, oats, rice; compiled to Feb. 1, 1918. (Ser. M)
- Meat buying in the United States by the allied nations. J. P. Cotton
- Milk committee makes report; some prominent results
- Mill feed regulations; new price relations between commercial mill; feeds and wheat. J. F. Bell
- Mill sales of wheat flour to farmers
- Mobilizing threshermen to save wheat. (Typew)
- Necessity for sugar conservation. (B. 1402) (Mim.)
- Official statements nos 1, 2, 3, 4, 5, 7
- Our wheat supply in 1918. C: W. Holman
- Present campaign; food administration, the world's food shortage, the American way. H. Hoover. (B. 7)
- Preserving vegetables by salting, drying, and storing
- Production, distribution and food value of milk; a report to Herbert C. Hoover
- Supply exhausted
- Publications on food in foreign languages. (Typew)
- Reference handbook of food statistics in relation to the war. R. Pearl and E. P. Matchett
- Report of Federal trade commission on bakery business in United States; report of bakery section of Food administration
- Revised rules and regulations governing licensees manufacturing bakery products, effective Feb. 1, 1918. (Ser. D)
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- Not available for general distribution
- United States food leaflets 1-10
- Victory bread; experimental formulas
- Wheat conservation program for the United States. (B. 12)
- Wheat needs of the world. A. Taylor
- U. S. Food administration for Illinois, Urbana**
- Canning, preserving, drying and storage of fruits, vegetables, and meats. G: A. Deveneau. (Mim)
- Conservation in clothing and clothing materials; selected list of references. M. Mitchell and others
- Reading list on sheep husbandry. G: A. Deveneau
- Selected bibliography of papers on fish, mollusks and crustacea as food. R. MacDonald
- U.S. Food administration grain corporation, 42 Broadway, N.Y.**
- Conference of representatives of the grain trade of the United States, New York, April 30-May 1, 1918
- U.S. Forest service, Washington, D.C.**
- Homesteads in the national forests. (Misc. L-4)
- January field program, 1918. (No. 12)
- Landscape engineering in the national forests. F. A. Waugh
- List of books on forestry for a small library. (Mim.)
- National forest areas, January 1, 1918. (Misc. O-11)
- Report of the forester
- State forestry laws; Colorado. J. S. Peyton, comp. (Misc. S.-25)
- State forestry laws; New York. J. S. Peyton, comp. (Forestry laws leaflet no. 23)
- State forestry laws; West Virginia. J. S. Peyton, comp. (Misc. S.-26)
- Use but do not abuse farm woodlands. C. R. Tillotson. (Misc. R.-3)
- U.S. Fuel administration, Washington, D.C.**
- Burn wood and save coal
- Home heating; how to get the most out of a ton of coal
- U.S. Government printing office, Washington, D.C.**
- Interstate commerce commission decision no. 7969; National poultry, butter & egg association v. Baltimore & Ohio Southwestern railroad company et al
- Interstate commerce commission decision no. 9536; Willamette valley lumbermen's association v. Southern Pacific company et al
- U.S. Interstate commerce commission, Washington, D.C.**
- Cotton from New Orleans. (Investigation and suspension docket no. 1108; Opinion 5185)
- Sisal from New Orleans, La. (Investigation and suspension docket no. 1128; Opinion 5188)
- U.S. Library of Congress, Division of bibliography, Washington, D.C.**
- List of federal documents especially useful to librarians and citizens at the present time. (Mim.)
- List of references on community kitchens. (Mim.)
- List of references on food in relation to health, food rationing, dietetics, etc. (Mim.)
- List of references on government regulation of prices (supplementary to duplicated list, July 3, 1917). (Mim.)
- List of references on the mobilization of farm labor for war service. (Typew)
- U.S. National museum, Washington, D.C.**
- Allies of selaginella rupestris in the southeastern United States. G. P. Van Eseltine. (U.S. Nat herbarium, Contributions, v 20, pt. 5)
- Mineral industries of the United States; fertilizers. J. E. Pogue. (B. 102, pt. 2) (5c Supt. of doc.)
- New or noteworthy plants from Colombia and Central America. H: Pittier. (10c Supt. of doc.)
- New or noteworthy plants from Colombia and Central America. H: Pittier. (Contributions from U.S. Nat. herbarium, v. 20, pt. 3) (10c Supt. of doc.)
- North American species of aquilegia. E. B. Payson. (Nat. herbarium Contributions v. 20, pt. 4)
- Systematic investigations of tropical American plants. (Contributions from the U. S. Nat. herbarium v. 18) 7 pts '14-'17 (Supt. of doc.)
- U.S. National park service, Washington, D.C.**
- General information regarding Crater Lake national park
- General information regarding Glacier national park
- General information regarding Mount Rainier national park

CHECKLIST

U.S. Nat. park service—Continued

- General information regarding Sequoia and General Grant national parks
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 Geologic story of the Rocky Mountain national park, Colorado. W. T. Lee
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- U.S. Office of farm management, Washington, D.C.**
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- U.S. Public health service, Washington, D.C.**
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 Chemical closets. (Reprint no. 404 Pub. health reports)
 Dietary deficiency of cereal foods with reference to their content in "antineuritic vitamin," by C. Voegtlin and others; Growth-promoting properties of foods derived from corn and wheat, by C. Voegtlin and C. N. Myers; Phosphorus as an indicator of the "vitamine" content of corn and wheat products, by C. Voegtlin and C. N. Myers. 54p
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 Malaria parasite in the mosquito. M. B. Mitzmain. (Reprint no. 422 Pub. health reports)
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 Safe disposal of human excreta at unsewered homes. L. L. Lumsden and others. (B. 68)
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- U.S. Reclamation service, Washington, D.C.**
 15th annual report, 1915-1916
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- U.S. States relations service, Office of agricultural instruction, Washington, D.C.**
 Beef production. H. P. Barrows. (Doc. 81)
 Care and feeding of chicks. (Doc. 69) How to set a hen and care for her. (Doc. 68)
 How to build a brood coop for hen and chicks. (Doc. 70)
 Feeding and housing winter layers. (Doc. 61)
 Growing seeds for the home garden. C. P. Close. (Doc.—87)
 Handbook on farm-bureau organization for county agricultural agents. L. R. Simons. (Doc. 65)
 Home canning of meats and sea foods with the steam-pressure canner. F. P. Lund. (Doc. 80)
 How teachers of elementary schools may use Farmers' bulletin 936, The city and suburban vegetable garden. F. E. Heald
 Instruction in sheep and goat husbandry. H. P. Barrows. (Doc. 76)
 Marketing farm products. H. P. Barrows. (Doc. 72)
 Peppers. (Doc. 39)
 Plan and tools for the home garden. C. P. Close. (Doc.—84)
 Publications of Department of agriculture classified for the use of teachers. (Typew.)

- Sewing for girls' club work. (Doc. 83)
 Texts and references for secondary schools; lists, frequently revised, of secondary school texts and manuals on agricultural subjects, elementary school texts of same kind, and sources of teaching material and supplies. (Typew.)
- U.S. Superintendent of documents, Washington, D.C.**
 Animal industry; farm animals, poultry and dairying; list of publications for sale. (Price list 38-10th ed)
 Farm management; list of publications for sale
 Insects; list of publications relating to bees, honey and insects injurious to man, animals, plants, and crops, for sale. (Price list 41-8th ed.)
 Irrigation, drainage, and water power (exclusive of Pacific states). (Price list 42-9th ed)
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 Soils and fertilizers; list of publications for sale. (Price list 46-11th ed.)
 Stocks of leaf tobacco and the American production, import, export, and consumption of tobacco and tobacco products, 1917. (Census B. 136) 10c
- U.S. War industries board, Washington, D.C.**
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- Utah State live stock board, Salt Lake City**
 Diseases of sheep. R. W. Hoggan. (B. 1)
- Virginia Board of charities and corrections, Richmond**
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- Virginia State forester, Univ. of Va., Charlottesville**
 Administrative report for the calendar years, 1916-1917
 Farm forestry in Virginia. R: C. Jones. (B. 12)
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 Forests of Alexandria county, Virginia. W. B. Dunwoody. (B. 13)
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 How the forests and the lumber industry in Virginia can both be preserved. R: C. Jones. (Forestry Leaflet no. 8)
 Plan of forest fire protection for Virginia. R: C. Jones. (Forestry Leaflet no. 3) (Rev.)
- Virginia State highway commissioner, Richmond**
 11th annual report for the year ending September 30, 1917
- Ware bros. co., 1010 Arch st. Philadelphia**
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- Washington, University of, College of forestry, Seattle**
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- Washington forest fire association, 1126 Henry bldg., Seattle**
 10th annual report, 1917
- Washington State board of forest commissioners, Olympia**
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 Rural sanitation
- Washington State bureau of labor, Olympia**
 Comparative statistics on foodstuffs and fuel for four years, 1914-1917; Same, 1914-1918
- Washington State bureau of statistics and immigration, Olympia**
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- Washington State college library, Pullman**
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- Washington State college library—Continued**
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- Washington State highway commissioner, Olympia**
6th biennial report for the period Oct. 1, 1914, to Sept. 30, 1916
- Wilson, The H. W. co., 958-964 University av, N.Y.**
Country life and rural problems; a study outline. M. K. Reely
- Winthrop Normal and industrial college, Rock Hill, S.C.**
Are the "what" and "how much" the all of nutrition? (Ser. 3, no. 3)
Doing without sugar. (Ser. 3, no. 5)
Food for children from one to six years old (Ser. 3, no. 4)
Food for mother and baby. C. N. South. (Ser. 3, no. 3)
Home poultry production. (Ser. 2, no. 11)
How much shall I eat? (Ser. 3, no. 1)
Meats: place in the diet; curing and preserving; use of substitutes. (Ser. 2, no. 10)
What shall I eat? (Ser. 2, no. 12)
- Wisconsin, University of, Madison**
Food conservation through utilization of garbage waste. G. R. Bascom and B. A. Beach. (Ext. B. Serial no. 900, gen. ser. 690)
- Wisconsin Dairy and food commissioner, Madison**
Annual report for the period ending June 30, 1917
Cold storage act and rules and regulations governing the licensing of cold storage warehouses
Laws of Wisconsin relating to weights and measures
Supplement to Wisconsin Dairy and food laws of August 1913
- Wisconsin Department of public instruction, Madison**
Agriculture in the high school. H: N. Goddard and J: A. James
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- Wisconsin State conservation commission, Madison**
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- Wisconsin State normal school, Platteville**
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Suggestions for the study of weeds in agriculture in the elementary schools. (B. v. 15, no. 4)
- Wisconsin State superintendent of public instruction, Madison**
Wisconsin first-class rural schools; requirements for special state aid. C. P. Cary
- Woman's land army of America, 32 5th av, N.Y.**
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Women on the land. 3d ed
- Women's central committee on food conservation, 905 Locust st, St Louis**
Patriotic food show; official recipe book containing all demonstrations given during patriotic food show, St Louis, Feb. 2-10, 1918. (10c)
Suggestions for food conservation
- Women's municipal league of Boston, Nottingham Chambers, Copley Square**
Leaflets (5c) and slips (35c per hundred) on food and cookery topics, including menus
- Women's municipal league of Boston bulletin, Boston**
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- Wyoming Board of sheep commissioners, Cheyenne**
18th annual report, 1916
- Wyoming Dairy, food and oil department, Cheyenne**
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Pure seed law, chap. 110, S. L. 1913
13th annual report. (v. 2 no. 8)
- Wyoming State board of horticulture, Laramie**
Licensed nurseries; war-time horticulture. (Special B. v. 1, no. 6)
- Wyoming State game warden, Lander**
Game, bird and fish laws of Wyoming, 1917-1918
- Wyoming State veterinarian, Cheyenne**
Live stock laws of Wyoming and regulations of state veterinarian

* Agricultural Index

A Cumulated Subject Index to Agricultural Literature, Including a Selected List of Periodicals, Bulletins, Reports and Pamphlets

1916—1918

Abandoned farms. See Farms, Worn-out

Abattoirs. See Slaughter-houses

Aberdeen Angus cattle

Aberdeen Angus breeder's message. E. F. Caldwell. *il Breeder's Gaz* 72:1151 D 20 '17

Aberdeen-Angus cattle and high prices. L. McWhorter. *il Breeder's Gaz* 73:201 Ja 31 '18

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Aberdeen-Angus in the Canadian Northwest. K. McGregor. *Breeder's Gaz* 74:45 Jl 11 '18

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Aberdeen-Angus in the South's war work. F. H. Higgins. *il Breeder's Gaz* 74:75 Jl 18 '18

Aberdeen-Angus on their native heath. L. Ogilvy. *Breeder's Gaz* 73:1085 My 23 '18

Angus breeder's experience and views. L. McWhorter. *il Breeder's Gaz* 72:369 S 13 '17

Angus breeder's recollections. L. McWhorter. *Breeder's Gaz* 73:424 F 28 '18

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Angus cattle at the Oklahoma college. W. L. Blizzard. *il Breeder's Gaz* 73:972 My 9 '18

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Angus making progress in Illinois. F. H. Higgins. *il O Judd Farmer* 64:567 Je 1 '18

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Angus steer all right. C. L. Taggart. *Nat Stock & F* 41:360 Jl 7 '17

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Do Angus winners breed winners? J. Dvorak. *Breeder's Gaz* 73:654 Mr 28 '18

Doddies in new-old land. A. L. French. *Breeder's Gaz* 73:374 F 21 '18

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Profit in Mercer Angus herds. O Judd Farmer 62:1 Ap 14 '17

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Two Aberdeen-Angus shrines. W. C. McGavock. *il Breeder's Gaz* 71:771 Ap 12 '17

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Price lists

Angus sale records broken by Chas. Escher, jr., and Escher & Ryan sales. *Wallaces' F* 42:931 Je 15 '17

B. C. Dove's Aberdeen Angus auction. *Breeder's Gaz* 71:1127 My 31 '17

* *Explanation:* Subject headings are in boldface type. The magazine entry proper is formed of items in the following order: The title of the article; the author; the illustrations, plans, maps, etc.; the name of the magazine, abbreviated (the "List of Periodicals indexed" following the editorial page gives full name of magazine); the volume number and the paging, separated by a colon; the date. For example, an entry under Aberdeen Angus cattle, "Two Aberdeen-Angus shrines. W. C. McGavock. *il Breeder's Gaz* 71:771 Ap 12 '17" indicates that the illustrated article entitled "Two Aberdeen-Angus shrines" in *Breeder's Gazette*, Vol. 71, on page 771 of the issue for April 12, 1917, is on the subject of the Aberdeen-Angus breed of cattle.

Entries for occasional material are usually self-explanatory, and are marked with an asterisk when they first appear only. A checklist of the occasional pamphlet literature entered in the current issue will be found immediately preceding the main alphabet.

- Aberdeen Angus cattle**—Price lists—*Continued*
Dispersion of Glencarnock Angus herd. Breeder's Gaz 74:162 Ag 1 '18
Donohoe's Angus make record average. Breeder's Gaz 73:1147 My 30 '18
Escher & Dalgety's Angus dispersion. Breeder's Gaz 71:1251 Je 21 '17
Escher & Ryan Angus at \$774. Breeder's Gaz 71:1211 Je 14 '17
Escher & Ryan Angus offerings. Breeder's Gaz 73:1263 Je 13 '18; il Field II 28:584 Ag '18
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Lakeside Angus auction. Breeder's Gaz 69:435 F 24 '16
Rosenfeld's Angus average \$248. Breeder's Gaz 69:379 F 17 '16; Same. Wallaces' F 41:301 F 18 '16
South Omaha Angus bull sale. Breeder's Gaz 69:975 My 4 '16
Tudor Angus average \$683. Breeder's Gaz 71:1127 My 31 '17
Tudor Angus realize \$1,207. Breeder's Gaz 73:1148 My 30 '18
- Ability tests**
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- Abnormalities (plants)**
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- Abortion**
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 Beesting victim's idea of a bee-hat. G. R. Richardson. *il Am Bee J* 56:237 JI '16
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 Breeders of untested queens send out stock untested. L. E. Webb. *Gleanings* 44:74-5 Ja 15 '16
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 Curious adventures in queen introduction. J. H. Todd. *Gleanings* 44:328-9 Ap 15 '16
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 Different method of queen introduction. C. C. Miller. *Am Bee J* 57:158-9 My '17
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 Distress (or smoke) method of introducing. A. C. Miller. *Gleanings* 44:107-9 F 1 '16
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 Easy queen-rearing. A. Latham. *il Gleanings* 44:593-4 JI 15 '16
 Fallacies in breeding. G. W. Phillips. *Gleanings* 45:27-8 Ja '17
 Fasting vs. smoke. J. M. Buchanan. *Gleanings* 44:280-1 Ap 1 '16
 Fertilization of queen bees. C. W. Howard and L. V. France. *il Am Bee J* 57:376 N '17; Same. *J Econ Entom* 11:265-7 Ap '18
 Getting queen cells started. *Am Bee J* 57:276 Ag '17
 Getting the queen to lay in wooden cells. J. Smith. *Am Bee J* 57:272 Ag '17
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 Introducing queens. J. White. *Am Bee J* 57:276 Ag '17
 Introducing queens by smearing with honey. F. M. Baldwin. *Am Bee J* 58:200 Je '18
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 My method of queen-cell production. W. H. Crawford. *Gleanings* 44:725-6 Ag 15 '16
 Not all Italian queens good. E. C. Walker. *Gleanings* 46:272-3 My '18
 Observations and suggestions on the smoke-in method. C. D. Cheney. *Gleanings* 44:109-11 F 1 '16
 Points on queen mailing. G. Anderson. *il Am Bee J* 57:130 Ap '17

Bee culture—Queens—Continued

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 Queen-rearing—combination method. J. E. Hand. *il Am Bee J 57:161 My '17*
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 Queens mated by drones of the keeper's choice. J. A. Heberle. *Gleanings 44:29 Ja 1 '16*
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 Wide spacing for swarm control. C. F. Bender. *Gleanings 45:186 Mr '17*

Wintering

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 Be sure to have enough. *Gleanings 44:972 O 15 '16*
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Bee culture—Wintering—Continued

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See also Baking; Bread; Breakfasts; Cake; Canning and preserving; Chow-chow; Cookery for the sick; Cookies; Custards; Desserts; Diet; Doughnuts; Electric cooking; Fireless cookers; Food; Home economics; Muffins; Ovens; Pastry; Puddings; Salads; Sandwiches; School lunches; Soup

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Dairy farms—Continued

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- See also* Canadian grain growers' grain company; Northwestern grain dealers' association; Saskatchewan cooperative elevator company; also names of state associations, e. g., Illinois farmers' grain dealers' association, Nebraska farmers' cooperative grain and live stock association, South Dakota farmers' cooperative society
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Farmers' week. See Farmers' institutes

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 Locating the farm house. C. A. Norman. *il* *Purdue Ag* 11:22 D '16
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 Remodeling the farm home. Mrs C: W. Sewell. *il* *Ohio F* 141:364 Mr 9 '18
 Remodeling the old house. F. Ingraham. plans *O Judd Farmer* 61:29 O 7 '16

Farming. See Farm life

Farms

Advancing from tenant to landlord. J. F. Cunningham. *il* *Ohio F* 142:345 O 12 '18
 Agricultural evangelist. W. D. Zinn. *Woodbine farm, Phillipi, W. Va.* *Nat Stock & F* 42:196 My 18 '18
 American farmer in Guernsey. *Wallaces' F* 43:138 Ja 25 '18
 Apples, hens and sheep; Hayward farm. J. T. Bartlett. *il* *Fruit-Grower* 28:249 My 1 '17

Farms—Continued

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- Berries and cream; an Iowa farmer sells his patrons a dessert combination. C. C. Sherlock. il Country Gent 83:13 Jl 20 '18
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- Best farmer in Illinois. J. R. McMahon. il Country Gent 83:1+ Ag 31 '18
- Best farmer in Kansas; W. J. Burtis is elected. J. E. Pickett. il Country Gent 83:14-15 Ja 26 '18
- Best farmer in Massachusetts, Arthur H. Sagendorph. J. R. McMahon. il Country Gent 83:6-7 Mr 9 '18
- Best farmer in Missouri; H. G. Windsor. J. E. Pickett. il Country Gent 83:8-9 Ja 5 '18
- Best farmer in New Jersey; Minch brothers use 1800 acres in fifteen farms. J. R. McMahon. il Country Gent 83:10-11 S 14 '18
- Best farmer in Ohio; Homer C. Price. J. R. McMahon. il Country Gent 83:12+ O 19 '18
- Best farmer in Oklahoma; Charles Haxton. W. Stemmons. il Country Gent 83:6-8 Mr 30 '18
- Best farmer in Vermont; Elbert S. Brigham. F. Tilden. Country Gent 83:6-7 N 30 '18
- Best farmer in Virginia, Governor Stuart. T. J. Murphy. il Country Gent 83:5-6+ Ag 17 '18
- Big eighty acres. G. H. Dunne. il Country Gent 82:1164 Jl 21 '17
- Big man on a big farm. J. Deare. il Country Gent 82:1405 S 15 '17
- Breeder of champions. G. H. Dacy. il Country Gent 82:1405 S 15 '17
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- Eighty-acre farmer. H. V. Stanley. il Country Gent 83:17 Mr 9 '18
- Farm of John W. Logan of Howick. il J Ag (Quebec) 20:103 N '16
- Farmer commissioner of agriculture; E. S. Brigham of Vermont. il Hoard's D 54:289 S 28 '17
- Farmer experimenter; Oscar P. Sell, Kutztown, Pa. R. E. Allen. Prac F 112:309 Ag 15 '16
- Farmer on wheels. G. F. Stratton. il Country Gent 83:2 Ag 24 '18
- Farmer who grows good seeds. il O Judd Farmer 65:397 N 2 '18
- Farmer with a motto. R. E. Allen. Prac F 112:401 N 1 '16
- Farming on horseback. il Wallaces' F 42:1031 Jl 20 '17
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- Governor's farm; profit for Virginia's chief. W. H. Dean. il Country Gent 83:46 Ja 5 '18
- Grit wins in the cut-over country. C. A. Leclair. il Country Gent 83:7 Jl 27 '18
- Heirloom of American country life. A. G. Morrell. il Country Life 30:58 O '16
- Hotel man's farm. L. W. Lighty. Nat Stock & F 40:946 D 16 '16
- How to buy a farm. H. R. O'Brien. il Country Gent 83:3-4+ Ja 5 '18
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- Intensive general farm of Pettis county, Mo. Country Gent 83:7 F 9 '18
- Learning from others; farm of J. M. Hussey. il Wallaces' F 41:1667 D 22 '16
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- Master farmer of seventy; Weatherly farm in southern Jersey. H. R. Cox. il Country Gent 81:1251-2 Je 24 '16
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- Operating 800 acres on borrowed capital. C. M. Baker. il Ohio F 139:685 My 19 '17
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- Phosphate and clover revive farm. O Judd Farmer 65:452 N 16 '18
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- Progressive Vermont farmer; Walnut Grove dairy farm owned by Senator A. A. Dunklee. M. R. Tolstrup. il Hoard's D 53:93 F 9 '17
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- Story of a bootstrap lift; Piedmont farmer paid for poor land, and made it rich through clover. B. Howard. il Country Gent 83:8 Jl 20 '18
- Successful bean and wheat farm. H. S. Miller. Ohio F 139:739 Je 2 '17
- Successful dairyman and fruit grower in Wisconsin. N. A. Rasmussen. il Hoard's D 54:765 D 21 '17
- Successful New York farmer; Thomas Rich of Delaware Co. W. H. Jenkins. il Hoard's D 51:693 My 19 '16
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Farms—Continued

Three women and a farm. E. K. Carruth. J Home Econ 8:256-8 My '16
 Twin Oaks farm. G. P. Williams. il Nat Stock & F 40:818 N 11 '16
 Up-to-date ranch in South Dakota. G. A. Starring. Breeder's Gaz 69:457 F 24 '16
 Way the farm light led. E. L. Vincent. il Wallaces' F 41:1668 D 22 '16
 Ways that have paid on a Green county, Iowa, farm. il Wallaces' F 41:1623 D 15 '16
 Well managed Marion County farm; some of the essentials utilized by a city-bred farmer. W. A. Martin. il Ohio F 141:485 Ap 6 '18
 What the homeseeker should look for. J. F. Duggar. Prog F 31:1225 O 21 '16
 When good farmers get together. J. E. Pickett. il Country Gent 83:1+ S 14 '18
 Where machinery does the work. il Wallaces' F 41:1527 N 24 '16
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 Working a farm double shift. H. W. Collingwood. il Country Life 30:40-1 Jl '16

See also Cotton plantations; Dairy farm management; Dairy farms; Farm management; Farm values; Fruit farms; Live stock farms; Orchard management; Poultry farm management; Poultry farms; Sheep farms; State farms

Farms, Abandoned. See Farms, Worn-out

Farms, Care of

How to sell a farm. E. H. Chandler. il Country Gent 83:5+ Mr 16 '18

Farms, Experiment. See Experiment farms

Farms, Large

Factory system of farming; the big farm not a success. B. Black. il Rural N Y 76:1461 D 29 '17

Farms, Lists of

Farms for sale in New Jersey. map N J Ag Dept C 1:1-25 '16
 Farms for sale or rent in New York, 1916 (B. 78). il map N Y Ag Dept Rep 1916, pt 2: 429-624 '17
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Jelly—Continued

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- Jersey and its cattle. C. S. Plumb. il Field II 27:349-51 My '17
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Jerseys

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 All aboard the dairy special! il Hoard's D 52:314 S 29 '16
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 Authenticated test work of Jerseys in Texas. R. H. Eckhardt. Jersey B 35:235-36 F 16 '16
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 Barn full of Jersey history; Hood farm. J. E. Dodge. il Jersey B 36:1287-8 Ag 22 '17
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 Big Arizona show. Jersey B 36:1942 D 12 '17
 Big National on at Columbus. il Jersey B 36:1664-5 O 24 '17
 Breed Jerseys for milk production. H. F. Probert. Jersey B 37:385-6 Mr 13 '18
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 Financial Sensation a business investment. D. E. Andrews. Kimball's D F 16:492 S 15 '18
 First 1,000-lb. daughter of an imported bull. R. E. Hutchison. il Jersey B 37:151 Ja 30 '18
 Flying Jerseys have a most successful trip. Jersey B 35:1630-1 O 18 '16
 Form and function. W. Macmonnies. Jersey B 36:291 F 21 '17
 Four generations of remarkable Jerseys. il Jersey B 37:149-50 Ja 30 '18
 From a losing game to success. Jersey B 36:501 Ap 4 '17
 Frozen gold from Jerseys. D. V. Vandiver. il Jersey B 36:665 My 2 '17
 Golden Fern's Noble leaves island. P. L. Mourant. Jersey B 35:1463 S 20 '16
 Goldie Beechfield's record. Jersey B 35:270 F 23 '16
 Goldie's Nehalem Beauty comes back. il Jersey B 37:345 Mr 6 '18
 Goldie's Nehalem Beauty is champion three-year-old. R. E. White. Jersey B 36:114 Ja 24 '17
 Good example of Jersey longevity. Jersey B 36:548 Ap 11 '17
 Good Jersey show at Spokane interstate. il Jersey B 36:1517 O 3 '17
 Great bull sent to the shambles. F. Yoder. Jersey B 37:1776 O 23 '18
 Great California report. Jersey B 37:1541 S 25 '18
 Great herd started. W. R. Spann. Jersey B 37:552 Ap 10 '18
 Great Jersey work in Langlade co., Wis. Jersey B 36:1067 Jl 11 '17
 Great producer and a great dam; St Maves Susy. E: A. Grombacher. il Jersey B 36:381 Mr 14 '17
 Great records and persistency; Spermfield Owl's Eva. A. L. Tichane. Hoard's D 56:251 S 20 '18
 Great show at Kansas City. il Jersey B 37:1537-8+ S 25 '18
 Great work in Utah. G: C. Smith. Jersey B 37:241 F 13 '18
 Great year of activity for the Jersey. Jersey B 35:2017-24 D 27 '16
 Greatest bull in the world. A. O. Smoot. Jersey B 37:1982 N 27 '18
 Hearts and Jerseys; story of new A. J. C. C. film. Jersey B 37:1237-8 Ag 7 '18
 Herd book examination on the island. P. L. Mourant. Jersey B 35:1201 Ag 2 '16
 High level dairy production of Jersey breed. R. M. Gow. Jersey B 35:50 Ja 12 '16
 High testing Jersey milk. Jersey B 36:1174 Ag 1 '17

Jerseys—Continued

- Highest cows in each state, in eight classes, to April 24, 1917. Jersey B 36:790+ 836+, 879-80, 919-2, 956 My 23-Je 20 '17
- Highest priced Jerseys usually cheapest. W. R. Proctor. Jersey B 37:1641 O 9 '18
- Highest record cows in various classes on June 15, 1916, as compiled by the A. J. C. club. Jersey B 35:1196, 1232, 1263 Ag 2-16 '16
- Highest record Jerseys. R. M. Gow. il Hoard's D 52:762-3 D 22 '16
- Highest yields of Jerseys. Hoard's D 56:628 N 29 '18
- History and results of scale of points of the Jersey breed of cattle. W. N. Clark. Jersey B 35:23, 59, 92, 132, 167 Ja 5-F 2 '16
- Holsteins and Jerseys. H. McAlister. Breeder's Gaz 69:960 My 4 '16
- Hood Farm Toronto's record. J. E. Dodge. Jersey B 35:169 F 2 '16
- How a \$5.00 Jersey heifer investment returned \$2,920. E. D. Page. Jersey B 36:198 F 7 '17
- How I bought Blue Belle. T. S. Cooper. il Kimball's D F 14:190 Mr 15 '16
- How Jerseys thrill the heart; Hood farm. C. I. Hood. Jersey B 36:1597 O 17 '17
- How Raleigh came to America. J. V. Cotta. Jersey B 36:44 Ja 10 '17
- How to photograph Jerseys. A. L. Tichane. Jersey B 37:122 Ja 23 '18
- I came, I saw, was conquered. J. B. Early. Jersey B 37:866 My 29 '18
- Illinois state fair Jersey show. Jersey B 36:1440 S 19 '17
- Illinois state fair; with list of awards. il Jersey B 35:1504 S 27 '16
- Importance of the Jersey grade to the breed. E. A. Grombacher. Jersey B 35:650 Ap 26 '16
- Improving type and ability at the pail. W. Macmonnies. il Field II 27:355 My '17
- Incomparable Jersey cow. G. Blanchard. Jersey B 35:1593 O 11 '16
- Indiana state fair brings out great exhibition of Jerseys; list of awards. Jersey B 35:1419 S 13 '16
- Influence of the seven-day test on American Jerseys. P. Brown. Jersey B 35:1794 N 15 '16
- Inheritance of Jersey colors. J. J. Hooper. Jersey B 37:1009 Je 26 '18; Same. Breeder's Gaz 74:264 Ag 22 '18
- Intensifying Jersey producing blood. il Breeder's Gaz 69:914 Ap 27 '16; Same. Kimball's D F 14:337 My 15 '16
- Iowa dairy show Jersey prizes. Jersey B 35:1306 Ag 23 '16
- Is register of merit testing worth while? R. E. Hutchison. il Jersey B 37:465-6 Mr 27 '18
- Island Jerseys. W. T. Crandall. il Hoard's D 53:229 Mr 2 '17
- Island spring show. P. L. Mourant. Jersey B 36:961 Je 20 '17
- Jersey, The. G. L. Ogle. Fruit-Grower 27:24 Ja 1 '16
- Jersey and its cattle. C. S. Plumb. il Field II 27:349-51 My '17
- Jersey as a butter cow. W. R. Gilbert. Jersey B 35:1209 Ag 2 '16
- Jersey at the Iowa state fair. Jersey B 36:1370A S 5 '17
- Jersey blood as a national asset. D. F. Lee. Jersey B 36:1323, 1396, 1436 Ag 29, S 12-19 '17
- Jersey conditions in the South. R. G. Miller. Jersey B 36:1107 Jl 18 '17
- Jersey cow again comes to the front; Sophie 19th of Hood Farm. R. M. Gow. il Breeder's Gaz 72:1035 D 6 '17
- Jersey cow in New Zealand. W. M. Singleton. Kimball's D F 14:240 Ap 1 '16
- Jersey cow is defended. D. O. Bull. Jersey B 35:691 My 3 '16
- Jersey cows with records of 700 lbs. fat and over. J. R. Sibley. il Jersey B 37:387 Mr 13 '18
- Jersey field day in old Virginia. R. M. Gow. il Jersey B 37:1449-50 S 11 '18
- Jersey history. il Hoard's D 52:328 S 29 '16
- Jersey milk proven most valuable as food for infants and young animals in several years' tests. W. Macmonnies. il Jersey B 36:421-2 Mr 21 '17
- Jersey notes from New Zealand. Jersey B 37:347 Mr 6 '18
- Jersey performances in 1915. Kimball's D F 14:98 F 15 '16
- Jersey prizes at the National. Jersey B 35:1304 Ag 23 '16
- Jersey progress. Kimball's D F 14:312 My 1 '16
- Jersey progress in southern Indiana. C. B. Jenkins. Jersey B 36:1211 Ag 8 '17
- Jersey records showing estimated production and feed consumed; tabulation. N J Ag Exp Rep 1916:220-3 '17
- Jersey show at the state fair of Texas. C. Thomas. Jersey B 36:1871 N 28 '17
- Jersey special. Kimball's D F 14:696 N 1 '16
- Jersey special goes east. Hoard's D 52:477 O 27 '16
- Jersey special starts with flying colors. Jersey B 35:1584-7 O 11 '16
- Jersey the profitable cow for the South. C. H. Staples. Jersey B 37:1667 O 9 '18
- Jersey, the small farmer's best friend. Mrs. M. A. Covode. il Jersey B 36:1513 O 3 '17
- Jersey walk-away in Oregon. Jersey B 36:791 My 23 '17
- Jersey well established at Kentucky college. J. J. Hooper. il Jersey B 36:1065 Jl 11 '17
- Jerseys and Holsteins. H. W. Lane. Breeder's Gaz 73:257 F 7 '18
- Jerseys and the official test. R. M. Gow. il Kimball's D F 15:627 S 15 '17
- Jerseys at Britain's war-time royal show. Jersey B 35:1154 Jl 26 '16
- Jerseys at Cowra experiment station. M. H. Reynolds. il Ag Gaz of New South Wales 28:467-74 Jl '17
- Jerseys at Indianapolis. Jersey B 36:1397 S 12 '17
- Jerseys at the California state fair; with list of awards. Jersey B 35:1540 O 4 '16
- Jerseys at the Iowa agricultural college. L. S. Gillette. il Jersey B 36:993-4 Je 27 '17
- Jerseys at the Iowa state fair; list of awards. Jersey B 35:1418 S 13 '16
- Jerseys at the Kansas agricultural college. il Jersey B 36:953 Je 20 '17
- Jerseys at the Minnesota state fair. il Jersey B 36:1437 S 19 '17
- Jerseys at the National. A. G. Morrell. il Prac F 112:450 D 1 '16
- Jerseys at the National dairy show. il Hoard's D 56:473 N 1 '18
- Jerseys at the National dairy show. il Jersey B 35:1673-5+ O 25 '16
- Jerseys at the Nebraska state fair, 1916. Jersey B 35:1464 S 20 '16
- Jerseys at the Nebraska state fair, 1917. Jersey B 36:1439 S 19 '17
- Jerseys at the Tennessee state fair. Jersey B 37:1541 S 25 '18
- Jerseys at the University of Nebraska. E. E. Woodward. il Jersey B 36:1173 Ag 1 '17
- Jerseys at Topeka, Kansas, fair; with list of awards. Jersey B 35:1503 S 27 '16
- Jerseys at Vancouver fair. il Jersey B 37:1540 S 25 '18
- Jerseys at Vermont state fair; with list of awards. Jersey B 35:1506 S 27 '16
- Jerseys at Wildwood. Jersey B 35:1644 O 18 '16
- Jerseys defeat Holsteins by good margin. Jersey B 36:621 Ap 25 '17
- Jerseys dominate Syracuse show. A. L. Tichane. il Jersey B 37:1539 S 25 '18
- Jerseys easily adapted to conditions. L. L. Doolittle. Jersey B 36:627 Ap 25 '17
- Jerseys foot bills—each generation better. J. W. Chapman, jr. Jersey B 36:354 Mr 7 '17
- Jerseys in Iowa. Jersey B 35:777 My 17 '16
- Jerseys in northern Minnesota. R. Brackett. Breeder's Gaz 73:427 F 28 '18
- Jerseys in Oregon. Jersey B 37:156 Ja 30 '18
- Jerseys in Tennessee. H. A. Morgan. Jersey B 36:1252 Ag 15 '17
- Jerseys in the lead among 5313 cows. il Jersey B 36:1322 Ag 29 '17
- Jerseys in the Southland. W. G. Davis. Jersey B 36:1175 Ag 1 '17

Jerseys—Continued

- Jerseys lead in Langlade co. (Wis.) cow test work. F. G. Swoboda. Jersey B 36:7 Ja 3 '17
- Jerseys prominent at three state fairs. il Jersey B 37:1496+ S 18 '18
- Jerseys put up carking show at Memphis. Jersey B 37:1598 O 2 '18
- Jerseys strong in the South. J. J. Hooper. il Jersey B 36:541 Ap 11 '17
- Jerseys supply profitable retail trade. H. E. Beecher. Jersey B 35:736 My 10 '16
- Jerseys to be slaughtered? R. M. Gow. Jersey B 36:1979 D 19 '17
- Jerseys triumph at Trenton. A. L. Tichane. Jersey B 37:1719 O 16 '18
- Jerseys with records of 50 lbs. of butter-fat in the month. Jersey B 35:680+, 812-13, 980+, 1314+, 1540+, 1758-9, 1868; 36:6, 200, 384+, 714, 926+, 1104+, 1252+, 1480+, 1667-8, 1872-4; 37:8+, 116, 228, 428+, 592+, 763-4+, 1012+, 1120+, 1280+, 1408+, 1584, 1773-4, 1984 My 3, 24, Je 21, Ag 23, O 4, N 8, 29 '16, Ja 3, F 7, Mr 14, Ap 18, My 9, Je 13, Jl 18, Ag 15, S 26, O 21, N 28 '17, Ja 2, 23, F 13, Mr 20, Ap 17, My 15, Je 26, Jl 17, Ag 14, S 4, O 2, 23, N 27 '18
- Join hands once more—for 1918. A. L. Tichane. Jersey B 36:2017-19+ D 26 '17
- Jottings from British Columbia. H. Dorling. Jersey B 37:1200 Jl 31 '18
- Judging Jerseys. H. G. Van Pelt. Jersey B 37:1653-4+ O 9 '18
- Kansas City presented a great dairy exhibition; list of awards. Jersey B 35:1495 S 27 '16
- Kentucky experiment station herd of Jersey cows. J. J. Hooper. il Ky Ag Dept Rep 1916-1917: 357-9 '18
- Kentucky state fair. Jersey B 36:1439 S 19 '17
- Kentucky state fair display of Jerseys. Jersey B 35:1454-5 S 20 '16
- Lad's Lady Riotress Irene—champion senior two-year-old. Jersey B 35:13-14 Ja 5 '16
- Leading imported sires. J. R. Sibley. il Jersey B 37:467 Mr 27 '18
- Leading Jersey of the South. T. Dempsey. il Jersey B 37:155 Ja 30 '18
- Look out, Jerseys are flying. il Jersey B 35:1416 S 13 '16
- Mabel's Poet and progeny in Maine. C. F. Mabery. Jersey B 35:564 Ap 12 '16
- Maiden of Jersey—Miss Vermont. Jersey B 35:228 F 16 '16
- Maiden of Jersey 2736. Jersey B 35:192 F 9 '16
- Make the most of the breed. W. Macmonnies. Jersey B 36:1146 Jl 25 '17
- Medal winning Jerseys for 1916. Breeder's Gaz 72:149 Ag 2 '17
- Meetings in Ohio. Jersey B 35:194 F 9 '16
- Meridale and its Jerseys. J. Andrews. il Kimball's D F 15:483+ Jl 15 '17
- Meridale breeds new champion; Jap Sayda Baroness. H. G. Van Pelt. il Kimball's D F 16:174 Mr 1 '18
- Mescalero ranch Jersey champion of New Mexico. M. Gray. il Jersey B 35:1344 Ag 30 '16
- Milk trade on small capital. O Judd Farmer 62: 20 F 3 '17
- Minnesota state fair Jersey show; with list of awards. Jersey B 35:1456 S 20 '16
- Mississippi-Alabama fair. H. Jenkins. Jersey B 35:1714 N 1 '16
- Mississippi glories in Jerseys. J. R. Moore. il Jersey B 37:1819 O 30 '18
- Missouri Jersey wins honors for breed; Mermaid's Lily May. T. C. Reed. il Jersey B 35:466 Mr 29 '16
- Mixing steel and butter. W. E. Brown. Jersey B 36:1869-70 N 28 '17
- Moose Hill farm and its pure bred Jerseys. H. F. Holcomb. Jersey B 36:1827 N 21 '17
- Moose Hill Jerseys—pioneers. il Hoard's D 53: 511 Ap 13 '17
- More daughters for Golden Glow's Chief. L. W. Wing, jr. Jersey B 37:1049 Jl 3 '18
- Mother of great producers. H. Jenkins. il Field II 28:313-15+ My '18
- National and the Jersey. il Jersey B 37:1717-18 O 16 '18
- National dairy show; the Jerseys. Breeder's Gaz 72:788 N 1 '17
- New champion Jersey; Sophie's Bertha 313238. il Jersey B 36:583 Ap 18 '17
- New Illinois champion Jersey. J. V. Cotta. il Jersey B 37:635 Ap 24 '18
- New Jersey breeders organize Jersey association. Jersey B 35:229 F 16 '16
- New light on the profits of Jerseys. W. F. McSparran. Jersey B 36:1605 O 7 '17
- New Oklahoma champion Jersey. W. L. Fowler. il Jersey B 36:1515 O 3 '17
- New record fifty-pound list. E. A. Grombacher. Jersey B 35:1156 Jl 26 '16
- New state champion of Nebraska. Jersey B 37:1981 N 27 '18
- New York state fair attracts many Jerseys. il Jersey B 36:1477 S 26 '17
- News from the Island. P. Le S. Mourant. Jersey B 37:659 Ap 24 '18
- Nomenclature of Jerseys. W. W. Magruder. Jersey B 35:1425 S 13 '16
- Notes from Estelbrook farm. il Jersey B 37: 272 F 20 '18
- Notes from the Island. P. L. Mourant. Jersey B 35:1430 S 13 '16
- Ohio Jersey picnic. Kimball's D F 14:466 Jl 15 '16
- Ohio state fair has best Jersey show in several years; list of awards. Jersey B 35:1378 S 6 '16
- Oklahoma Jersey breaks states' records. W. L. Fowler. il Jersey B 36:461 Mr 28 '17
- Oldest gold medal Jersey; Interested Cretesia. il Jersey B 35:1204 Ag 2 '16
- 112 lbs. 85% butter in thirty days; Meridale Oxford Lily. R. E. Hutchison. il Jersey B 37:225 F 13 '18
- Oregon Jersey cattle club meeting. Jersey B 35:121-2 Ja 26 '16
- Our new milk champion; Passport. E. A. Grombacher. il Jersey B 35:158 F 2 '16
- Outcrossing for high production. O. Erf. Jersey B 37:505-6 Ap 3 '18
- Over a ton of butter in four years. F. B. Keeney. il Jersey B 36:474 Mr 28 '17
- Over the top with the Jersey. J. C. Sherer. Jersey B 37:189 F 6 '18
- Pedigree of Oxford's Briar Flower. Jersey B 37:760 My 15 '18
- Pedro 3187, a ten-thousand-dollar bull. T. S. Cooper. Jersey B 37:432 Mr 20 '18
- Persistent Oxford blood. W. B. Dayton. il Jersey B 35:807 My 24 '16
- Pleasure with Jerseys. H. McGuire. Jersey B 35:1908 D 6 '16
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Investigations

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Maps—Continued

are useful not merely in indicating lines along which farm production can be increased, but they show the consuming public what food staples are raised locally, making it possible to center consumption upon them and decrease hauling of outside commodities

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Admirable exhibit, splendid attendance and fruitful meetings. Creamery 5:23 O '16
Arrangements made to hold it at Springfield, Mass. N Y Prod R 41:506 Ja 19 '16
Awaking of the East. R. M. Gow. Jersey B 35:159 F 2 '16
Boys and girls invited to the National dairy show. W. E. Skinner. Hoard's D 52:329 S 29 '16
Canadian Ayrshires at the National dairy show. J Ag (Quebec) 20:125 D '16

National dairy show, 1916—Continued

Cattle exhibits at Springfield. O Judd Farmer 61:8 O 7 '16
 Contenders at the National. il Field II 26:833-4 O '16
 Dairy products premium list. N Y Prod R 42: 533 JI 26 '16
 Dairy show and exposition. Country Gent 81: 632 Mr 18 '16
 Eastern states agricultural and industrial exposition, Springfield, Mass., Oct. 12-21, 1916. il N Y Prod R 42:981+ O 11 '16
 Eastern states exposition to be held at Springfield, Mass., in October. Field II 26: 16-17 Ja '16
 Efforts to stimulate agricultural enthusiasm among the young folks. J. Scheuerle. N Y Prod R 42:802 S 13 '16
 Exhibit of dairy cattle. il Field II 26:932-3+ N '16
 Guernsey's at the National. A. G. Morrell. il Prac F 112:395 N 1 '16
 Holsteins at the National. A. G. Morrell. il Prac F 112:469 D 15 '16
 Jersey prizes at the National. Jersey B 35: 1304 Ag 23 '16
 List of awards. Wallaces' F 41:1410+ O 27 '16
 Model exhibition plants. W. A. Parcella. il Field II 26:839-40 O '16
 1916 National dairy show. W. E. Skinner. il Kimball's D F 14:567 S 15 '16
 New England sees the cow show. C. E. Gapen. il Country Gent 81:1995-6 N 18 '16
 1916 National dairy show. il Creamery 5:27-9 S '16
 1916 National dairy show. R. M. Gow. Jersey B 35:1519 S 27 '16
 1916 National dairy show. W. E. Skinner. Jersey B 35:1349 Ag 30 '16
 1916 National dairy show. H. E. Van Norman. Int Assn Dairy & Milk Inspep Rep 1916: 37-44
 1916 National dairy show, Springfield, Mass., October. Kimball's D F 14:28 Ja 15 '16
 1916 National dairy show to be held at Springfield, Mass., Oct. 12 to 21. W. E. Skinner. Hoard's D 51:158 F 18 '16
 Ready for the National. O Judd Farmer 61:6 S 30 '16
 Review of the dairy show exposition. il Creamery 5:29-40 O '16
 10th National dairy show. N Y Prod R 42: 1037, 1117+ O 18-25 '16; Jersey B 35:1671-5+ O 25 '16; Breeder's Gaz 70:776-82 O 26 '16; Nat Stock & F 40:766 O 28 '16; Ohio F 138:412 O 28 '16; Kimball's D F 14:691-2+ N 1 '16; Hoard's D 52:543 N 10 '16

National dairy show, 1917
 Annual meeting of the stockholders, Chicago, Nov. 24. Kimball's D F 15:899 D 15 '17
 Big National at Columbus. il Jersey B 26:1664-5 O 24 '17
 Climax of exhibits of cattle and machinery at Columbus, O. Breeder's Gaz 72:788-90+ N 1 '17
 Columbus and the National. il Field II 27: 745-7 O '17
 Dairy show was splendid. A. C. Page. O Judd Farmer 63:9 N 3 '17
 11th great dairy exposition, Columbus, Oct. 18-27. Creamery 6:21-2 S '17; N Y Prod R 44: 1049-1, 1113+ O 24-31 '17; Nat Stock & F 41:741 N 3 '17; Creamery 6:20-32, 48b-51 N '17; Hoard's D 54:536-7 N 9 '17; Wallaces' F 42:1537 N 9 '17; Jersey B 36:1796 N 14 '17; Kimball's D F 15:816-17 N 15 '17; Cornell Countryman 15:137-8 D '17
 Great success with great crowd of Jersey enthusiasts present. il Jersey B 36:1701-5 O 31 '17
 Last annual session, Columbus, O., Oct. 18-27, 1917. il Ohio F 140:391+ N 3 '17
 Many important meetings at National dairy show. il N Y Prod R 44:993 O 17 '17
 Milk show of the National dairy show. Creamery 6:27-9 N '17
 National dairy show. L. S. Gillette. Hoard's D 54:75 Ag 10 '17
 National dairy show. R. V. Hoffman. il Field II 27:939-41+ D '17

National dairy show, 1917. W. E. Skinner. il Kimball's D F 15:616 S 15 '17
 Progress of dairy industry shown at National exhibition. il Ag Digest 2:697-8 N '17
 Tentative program of 1917 national dairy show. Hoard's D 54:328 O 5 '17
 To be held at Columbus, Ohio, Oct. 18-27, 1917. Creamery 5:20-3 JI '17
 Trip to the National dairy show and camp Sherman. Nat Stock & F 41:776 N 10 '17
 Will be held Oct. 18-27 at Columbus, Ohio. Creamery 6:45-7 O '17

National dairy show, 1918
 Features of the great exhibition. Creamery 7:42-5 O '18
 Milk and cream exhibit. il Creamery 7:24b-31+ N '18
 National and the Jersey. il Jersey B 37:1717-18 O 16 '18
 1918 National dairy show, Columbus, October 10-19. il N Y Prod R 46:907, 971+ O 16-23 '18; Jersey B 37:1767-9+ O 23 '18; Nat Stock & F 42:673+ O 26 '18; Hoard's D 56:471-3+, 486 N 1 '18; Kimball's D F 16:827-8 N 1 '18; Ohio F 142:391, 399+ O 19-26 '18; J Ag (Quebec) 22:93 D '18
 Office now in Columbus. Creamery 7:21 S '18
 Rules and prize list. Creamery 7:27-9 Ag '18
 Scope of the great exposition to be held at Columbus in October. N Y Prod R 46:582 Ag 14 '18
 What is coming in the dairy industry. O Judd Farmer 65:372 O 26 '18

National dairy union
 Appeals for financial support to protect dairy interests. N Y Prod R 45:156 D 5 '17

National dairy war council
 Dairy industry war council. Breeder's Gaz 72:149 Ag 2 '17
 Hoover and dairymen confer; with proclamation. Kimball's D F 15:493 JI 15 '17; Same (proclamation). Jersey B 36:1079 JI 11 '17; Same (proclamation). N Y Prod R 44:438 JI 11 '17
 Meeting of the central committee, Washington, D. C., July 17-18, 1917. Creamery 5:22 Ag '17
 Recent conference in Washington. Hoard's D 54:160 Ag 31 '17
 Work of National dairy war council. Jersey B 36:1212 Ag 8 '17

National Duroc-Jersey record association
 New breed record building; home of the National Duroc-Jersey association. il Breeder's Gaz 71:59 Ja 11 '17

National emergency food garden commission
 Enlisting soldiers of the soil. il Am For 23: 334-9 Je '17
 Million and more food gardens. il Am For 23: 263-8 My '17

National farm and live stock show
 1st annual show, New Orleans, La., Nov. 11-19, 1916. Breeder's Gaz 70:1292 D 28 '16
 2d annual, New Orleans, Nov. 10-19. Kimball's D F 15:860 D 1 '17

National farm loan associations
 Borrowers' interest in the farm loan banks. D. N. Barrow. Prog F 32:569 My 5 '17
 Borrowing from Uncle Sam. J. R. McMahon. Country Gent 83:174 Mr 2 '18
 Credit unions and National farm loan associations. W. R. Camp. (In Nat. conf. on marketing and farm credits, 1916, p. 50-8) \$2 '17 C. W. Holman, sec., Madison, Wis.
 Does the farmer incur risk in joining a federal farm loan association. E. D. Durand. (In Minnesota farmers' institute annual, 1916, p. 81-4) '16 Extension division, University Farm, St Paul
 Farm loan associations. B. Y. Lad. il Kimball's D F 15:146 Mr 1 '17
 Federal farm loan act; text. (C 4) p 7-12 '16
 U. S. Federal farm loan board, Washington, D. C.; Same. (In Minnesota farmers' institute annual, 1916, p. 141-3) '16 Extension division, University Farm, St Paul; Same. Mo Ag Bd B v 15:60-4 Ja '17; Same (In French). Int Yearbook Ag Leg 1916:978-83 '17

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- How farmers may form a national farm loan association. (C 2) 8p '16 U. S. Federal farm loan board, Washington, D. C.; Same. (*In* Minnesota farmers' institute annual, 1916, p 94-102) '16 Extension division, University Farm, St Paul; Abstract. Hoard's D 52:274 S 22 '16
- How to borrow money. W: H. Dean. Country Gent 82:989-90 Je 9 '17
- National farm loan associations; organization, management, powers, and limitations. (C 1) 4p '17 Federal farm loan bureau, Treasury dept., Washington, D.C.
- National farm loan associations; what they are—how they may be formed, the benefits to be derived. A. E. Cance and R. M. Rutledge. Mass Ag Ext B 13:1-15 '17; Same cond. Ag Digest 1:335-6 Mr '17
- New mortgages for old; a story illustrating the practical application of the federal farm loan act. 2d ed (C. no. 3) U.S. Federal farm loan board, Treasury dept., Washington, D.C.
- Spread of the farm loan. F: J. Haskin. il Irr Age 33:111-12 Je '18; Same cond. Prog F 33:739 Je 22 '18

Accounting

- Complete accounting system and record for national farm loan associations. 49p '17 Corey & McKenzie pte. co., 1407 Harney st, Omaha, Neb.
- National farm school**
20th annual report, 1917. 76p '17 Nat. farm school, Bucks county, Pa.
- National farmers' educational and cooperative union**
Iowa farmers' union organized at Des Moines. Wallaces' F 42:1386 O 12 '17
- National federation of milk producers.** See National milk producers' federation
- National federation of shippers**
National shippers' federation. Wallaces' F 42:1241 S 14 '17
Shippers organize national federation. Am Coop J 13:4 S '17
- National fertilizer association**
Activities and list of names and committees. (*In* Am. fertilizer hdbk., 1917, p. 9-16) \$1 '17 Ware bros. co., 1010 Arch st., Philadelphia
- History of the association; the president's address. H. Bowker. Am Fert 49:64+ Ag 3 '18
- Midwinter meeting, Baltimore, Md., Jan. 22, 1917. Am Fert 46:21-4 F 3 '17
- Officers and committees, 1916-1917. Am Fert 45:120-1 JI 22 '16
- Proceedings of the 23d annual convention, Hot Springs, Va., July 10-15, 1916. il Am Fert 45:39-136 JI 22 '16
- Proceedings, 24th annual convention, White Sulphur Springs, W. Va., July 9-12, 1917. il Am Fert 47:43-95 JI 21 '17
- Soil improvement committee; a year of war-time work. (*In* Am. fertilizer hdbk., 1918, p. 38-40) \$1.50 '18 Ware bros. co., 1010 Arch st., Philadelphia
- 25th annual convention, Atlantic City, N.J., July 15-19. Am Fert 49:59-138s Ag 3 '18
- Soil improvement committee**
Story of a year's work. (*In* Am. fertilizer hdbk., 1917, p. 68-70) \$1 '17 Ware bros. co., 1010 Arch st., Philadelphia
- National flower show**
4th National flower show, Philadelphia, Pa., Mar. 25-April 2, 1916. J: Young. Am Flor 46:168-70 F 12 '16
- 4th National flower show, Philadelphia, Pa., Mar. 25-April 2, 1916; with list of awards. il Am Flor 46:521-9, 577-87 Ap 1-8 '16
- 5th National flower show, St Louis, Mo. J: Young. Am Flor 49:650 O 13 '17
- National flower show postponed. J: Young. Am Flor 50:49 Ja 26 '18
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* Choice of a national flower. il Independent (119 W. 40th st, N.Y. 10c) 96:132+ O 26 '18

- National floral emblem: columbine. A. A. Hansen. Science (Science Press, Garrison, N. Y. 15c) n s 47:365-7 Ap 12 '18
- Question of a national flower. Ag Gaz of Canada 5:389-91 Ap '18
- Questions of a national flower. R. P. Graham. Ag Gaz of Canada 5:517-19 My '18

National foreign trade convention

- 4th National foreign trade convention, Pittsburgh, Jan. 25-27, 1917. Am Fert 46:28-9 F 3 '17

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- Appalachian forest purchases. J: W. Weeks. Am For 22:542 S '16

National forests. See Forest reserves**National fruit and cider institute**

- Research and advisory report for the year ended 30th September, 1917. J Bd Ag 25:316-22 Je '18

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- 50th national grange meeting, Washington, D.C., Nov. 15-24, 1916. Ohio F 138:557 D 2 '16

- Journal of proceedings, 50th annual session, Washington, D.C., Nov. 15-24, 1916. 224p '16
C. M. Freeman, sec., Tippecanoe City, Ohio
- Journal of proceedings, 51st annual session, St Louis, Mo., Nov. 14-23, 1917. 221p '17
C. M. Freeman, sec., Tippecanoe City, Ohio
- Meeting, Syracuse, N.Y. Nat Stock & F 42: 791 N 30 '18

- National grange at Syracuse, N.Y.; what the grange stands for. Rural N Y 77:1359, 1385 D 7-14 '18

- National grange; extracts from the master's address. O. Wilson. Nat Stock & F 40:877 N 25 '16

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- Shady spots in the hay trade; National hay association against dishonest practices. S: Sosland. il Country Gent 81:1106+ My 27 '16

- Trade rules and grades of National hay association. Coop Manager & F 7:86 My '18
- 24th annual convention, Chicago, July 24-26. Coop Manager & F 6:86-93 Ag '17
- 25th annual convention, Cleveland, O., July 9-11. Coop Manager & F 7:81-7 Ag '18

National honey producers' association

- New National honey-producers' association. W. Foster. Gleanings 44:659-60 Ag 1 '16

National horse show

- Classifications at National horse show. A. H. Godfrey. Breeder's Gaz 70:839 N 2 '16
- National horse show. Breeder's Gaz 70:981 N 23 '16

- National horse show and its auxiliaries. P. M. Babcock. Field II 26:1022 D '16

- National horse show; its influence upon the breeding industry and its relation to product and market values. A. H. Godfrey. il Field II 26:927-9+ N '16

- New York horse show. A. H. Godfrey. il Field II 27:958+ D '17

- New York National horse show. A. H. Godfrey. Breeder's Gaz 72:985 N 29 '17

- Sponsors of the horse show. A. H. Godfrey. Field II 28:815-19+ N '18

National implement and vehicle association

- Farm wagon makers meet, Chicago, Feb. 23 and Mar. 1. Power F 27:56 Ap '18
- N.I.V.A. asks priority order. Power F 26:50 Ag '17
- N. I. V. A. service. Power F 27:50 Ag '18

National institute of credit for cooperation, Italy

- Institute of credit for co-operative societies and the National bank of Italian rural credits in 1916. Int R Ag Econ 79:8-13 JI '17

- Second financial year, 1915. Int R Ag Econ 66:53-5 Je '16

National league of commission merchants of the United States

- 25th annual convention, Philadelphia, Jan. 10-12, 1917. 144p n.d. National league of commission merchants, 90 W. Broadway, N.Y.

- National live stock association, American.** See American national live stock association
- National live stock exchange**
26th annual convention, Cincinnati, May, 1916. *Breeder's Gaz* 69:1119 My 25 '16
- National live stock shippers' protective league**
National shippers' protective league organized. *Breeder's Gaz* 70:57 JI 13 '16
- National milk and dairy farm exposition**
Dairy exposition open. *N Y Prod R* 46:117 My 22 '18
- National dairy exposition, to be held at Grand Central Palace, N.Y., week of May 20. *N Y Prod R* 45:896; 46:22 Ap 17, My 1 '18; *Creamery* 7:25 My '18; *Hoard's D* 55:694 My 10 '18; *Kimball's D F* 16:404 My 15 '18
- New York milk show. H. H. Lyon. *il Hoard's D* 55:847+ Je 7 '18
- New York milk show, Grand Central Palace, May 20-25. *N Y Prod R* 46:157+ My 29 '18; *Creamery* 7:19-21 Je '18; *Jersey B* 37:908-9 Je 5 '18; *Kimball's D F* 16:510 Je 15 '18
- National milk producers' federation**
Bylaws of the National milk producers' federation. (*In Nat. conf. on marketing and farm credits*, 1916, p. 430-2) \$2 '17 C. W. Holman, sec., Madison, Wis.
- Milk producers organize at Chicago conference. *Hoard's D* 52:805 D 29 '16
- Organization formed at fourth marketing conference. *Kimball's D F* 14:833 Ja 1 '17
- National milk week**
Why not national milk week? H. S. K. Wilcox. *Hoard's D* 55:1009 JI 12 '18
- National museum (Brazil)**
Décret n. 11.896 portant nouveau règlement du Musée national. *Int Yearbook Ag Leg* 1916:769-71 '17
- National non-partisan league**
Adjournment of common sense. A. P. Haines. *New Republic* (421 W. 21st st, N.Y. 10c) 16:158-60 S 7 '18
- Agrarian movement in the Northwest. J. E. Boyle. *Am Econ Review* (Ithaca, N.Y. \$1.25) 8:505-21 S '18
- East learns the truth; a review of the newspaper articles concerning visit of President Townley. *Nonpartisan Leader* (Box 575, St Paul, Minn. \$2.50 per yr.) 5:4-5 D 17 '17
- Eastern non-partisan league. *Survey* (112 E. 19th st, N.Y. 10c) 39:295 D 8 '17
- Farmer and the war. *New Republic* (421 W. 21st st, N.Y. 10c) 13:8-9 N 3 '17
- Farmers mob the mobbers. R. McKaig. *Public* (122 E. 37th st, N.Y. 10c) 21:1241-2 S 28 '18
- Farmers' non-partisan league. F. G. R. Gordon. *Am Industries* (30 Church st, N.Y. 10c) 18:14-15 F '18
- Farmers organizing politically. C. M. Harger. *Financial World* (29 Broadway, N.Y. 15c) 30:10 Mr 23 '18
- Fight in North Dakota. E. B. Fussell. *Nonpartisan Leader* (Box 575, St Paul, Minn. \$2.50 per yr.) 5:4-5 D 24 '17
- Grangers indorse the league. *Nonpartisan Leader* (Box 575, St Paul, Minn. \$2.50 per yr.) 5:8 D 24 '17
- Great upheaval. B. W. Currie. *Country Gent* 82:675-6, 716-17, 760-1, 798-9, 830-1, 867 Ap 7-My 12 '17
- Grievance of the spring wheat growers. F. O'Hara. *Catholic World* (120-122 W. 60th st, N.Y. 25c) 106:380-7 D '17
- Handing politicians a lemon. R. Harmon. *Nonpartisan Leader* (Box 575, St Paul, Minn. \$2.50 per yr.) 5:9-10 N 22 '17
- * In and out of the yoke. C. E. Russell. 32p n.d. Nat. nonpartisan league, St Paul
- Lawlessness in Minnesota by public officials. *Public* (122 E. 37th st, N.Y. 10c) 21:876-8 JI 13 '18
- Marketing problems of northwestern grain growers. L. J. Frazier. (*In Nat. conf. on marketing and farm credits*, 1916, p 309-21) \$2 '17 C. W. Holman, sec., Madison, Wis.
- Menace of the Non-partisan league. W. H. Barr. *Iron Age* (239 W. 39th st, N.Y. 20c) 101:1141+ My 2 '18
- National nonpartisan league conducted a conference on the high cost of living in St Paul Sept. 18-20, 1917. Speakers included Gov. Frazier and Representative Baer of North Dakota, A. C. Townley, president of the league, Senators Gronna, La Follette and Borah, and Congresswoman Rankin. A declaration was adopted recommending conscription to pay for the war, control by the government of retail prices of bread as well as price of wheat to the farmer, a general land tax of 2 per cent, an income tax to make it impossible for any individual income to be more than \$100,000 a year, public ownership of mines and railroads, increase in the common soldiers' pay on active service, government operation of industries impeded by strikes for the duration of the war, cooperation between farmers and labor unions, restriction of immigration and direct legislation
- National nonpartisan league; origin, purpose and method of operation. 28p '18 Nat. nonpartisan league, St Paul, Minn.
- New Minnesota despotism. R. McKaig. *Public* (122 E. 37th st, N.Y. 10c) 21:465-7 Ap 13 '18
- New York (state)—Farmers' nonpartisan league of the state of New York was formed at a meeting of farmers and labor representatives at New York, Nov. 26, 1917. The league will work for the formation of a legislative program which shall benefit both the producer and the wage earner. The farmers came to New York city at the request of John J. Dillon, chief of the state bureau of foods and markets
- Non-partisan league. O. L. Dudley. *Nat Stock & F* 42:149 My 4 '18
- * Non-partisan league. A. B. Gilbert. *Nat Municipal R* (North American bldg., Philadelphia \$1) 7:379-83 JI '18
- Non-partisan league. F. Plachy, jr. *Nation* (20 Vesey st, N.Y. 10c) 107:92-3 JI 27 '18
- Non-partisan league; with discussion. C. E. Russell. (*In Am. sociological soc.*, Pub. v. 11, p. 31-46)
- Nonpartisan league and the loyalty issue. A. P. Haines. *New Republic* (421 W. 21st st, N.Y. 10c) 16:187-90 S 14 '18
- * Non-partisan league in politics. F. G. Moorhead. *Nation* (20 Vesey st, N.Y. 10c) 107:364-5 O 5 '18
- Non-partisan league meeting at St Paul. *Ag Digest* 2:647-8 O '17
- Non-partisan league of North Dakota. *Rural N Y* 75:1329 O 21 '16
- Non-partisan program. *Oregon Voter* (Worcester bldg., Portland, Ore. 10c) 12:354 Mr 16 '18
- North Dakota politics in New York. D. C. Smith. *Rural N Y* 76:188 F 10 '17
- Origin and aim of the Farmers' non-partisan league. C. E. Russell. *Community Center* (70 5th av., N.Y. 10c) B no 3 p20-1 Mr 17 '17
- Peculiar political movement. W. P. Davies. *Am Coop J* 11:922 My '16
- Political revolt in the Northwest. C. Merz. *New Republic* (421 W. 21st st, N.Y. 10c) 13:15-17, 44-6, 71-3, 121-3 N 3-17, D 1 '17
- Prairie fire. J. E. Pickett. *il Country Gent* 83:3-4+ My 18; 13-14 My 25; 13-14+ Je 1; 13-14+ Je 8; 13-14 Je 15; 13-14+ Je 22 '18
- Revolt of a state. *North Dakota*. D. Anderson. *La Follette's Mag* (115 W. Main st., Madison, Wis. 10c) 9:6-7 Ag '17
- Townley campaigns in the East. *Ag Digest* 2:738-9 D '17
- * Where the people rule; North Dakota, a state where democracy is safe. 26p n.d. Nat. nonpartisan league, St Paul
- Why should farmers pay dues? 24p n.d. Nat. nonpartisan league, St Paul, Minn.
- National park service**
National park service organized. *Am For* 23:437 JI '17
- National parks**
Doctor mountain. M. Daniels. *il Am For* 23:657-62 N '17
- National parks as an asset. F. K. Lane. *il Am For* 22:22-3 Ja '16

National parks—Continued

- National parks portfolio, various paging in maps '17 U.S. Dept. of interior, Washington, D.C.
Contains: Yellowstone national park; Yosemite national park; Sequoia national park; Mount Rainier national park; Crater Lake national park; Mesa Verde national park; Glacier national park; Rocky Mountain national park; Grand Canyon national monument
- New national parks and their administration. Am For 22:366 Je '16
- Our new national parks. C: F; Carter, JI Review of Reviews (30 Irving Place, N. Y. 25c) 57:638-42 Je '18
- Picture story of our principal national parks. R. S. Yard. il Country Life 34:45-68 JI '16
- Preparedness and the national parks. il Country Life 30:48-9 Je '16
- Progress in the development of the national parks. S. T. Mather. 39p bibliog map '16 U.S. Dept. of interior, Washington, D.C.
- Recreational use of public forests in New England. A. Chamberlain. Soc Am For Pro 11:271-80 JI '16
- Report of the director of the National park service for the fiscal year ended June 30, 1917. 258p il maps '17 U.S. Dept. of interior, Washington, D.C.
- Report on the proposed Sand Dunes national park, Indiana. S. T. Mather. 113p maps '17 U.S. Nat. park service, Washington, D.C.
See also Forest reserves; also Casa Grande national park; Crater lake national park; Glacier national park; Mesa Verde national park; Mount Rainier national park; Rocky Mountain national park; Sequoia national park; Yellowstone national park; Yosemite national park
- Bibliography**
- Bibliography of books and magazine articles on national-park subjects, Sept. 1916-Oct. 1917; Mount McKinley national park, National park publications. (In) Report, Director of national parks, 1917, p. 231-49) '17 U.S. Dept. of interior, Washington, D.C.
- National (American) polled Hereford association**
Annual meeting, Des Moines, Jan. 30, 1917. Wallaces' F 42:245 F 9 '17
- National potato association.** See Potato association of America
- National poultry, butter and egg association**
Annual convention, Chicago. N Y Prod R 42: 1037+ O 18 '16
Annual meeting, Chicago, Oct. 15-17. N Y Prod R 44:1049+ O 24 '17; Creamery 6:45 N '17
12th annual meeting, Chicago, Oct. 7-8. N Y Prod R 46:907+ O 16 '18
- National poultry conference, Chicago, 1918**
National poultry conference at Chicago. P. T. Woods. Am P J 49:524-6 My '18
Opening session. G. M. Curtis. Reliable P J 25:165 Ap '18
Report of important meeting, Chicago, March 29-30. N Y Prod R 45:898 Ap 17 '18; Nat Stock & F 42:110 Ap 20 '18; Am P Advocate 26:404-5 My '18; Reliable P J 25:287-9+ My '18
- National rose society (English)**
Annual meeting, Gard Chron (Lond) 63:26 Ja 19 '18
- National rural teachers' reading circle**
Organization and purpose. School and Soc (Science Press, Garrison, N.Y. 10c) 8:249 Ag 31 '18
- National scalemen's association**
Terminal grain weighmasters and committee on grain weighing of the National scalemen's association hold joint conference. Coop Manager & F 8:38-40 N '18
- National sheep and wool bureau**
Additional endorsements of the ovine alliance. Am Sheep B & W 36:650 N '16
- * Annual meeting, Chicago, June 17. Textile World J (461 8th av at 34th st, N.Y. \$3 per yr.) 53:6211+ Je 22 '18
Constitution. Am Sheep B & W 37:482 Ag '17
- National sheep and wool bureau; outcome of big sheep and wool conference. Am Sheep B & W 36:717-19 D '16
- Ovine alliance inaugurated. Textile World J (461 8th av. at 34th st., N.Y. \$3 per yr) 52: 220-1 D 16 '16
- Program of sheep and wool bureau. Am Sheep B & W 37:688 N '17
- Suggestions to sheep bureau. W. T. Ritch. Am Sheep B & W 37:626 O '17
- Who's for an ovine alliance? Am Sheep B & W 36:577-88 O '16
- National shippers' conference**
Decision saves \$750,000 every day to producers and consumers. H. E. Anderson. Am Coop J 12:715 JI '17
- National shorthorn congress show and sale**
Show and sale, Chicago, Feb. 19-22. il Breeder's Gaz 73:430-2 F 28 '18; Wallaces' F 43: 419+ Mr 1 '18; Field II 28:240-1+ Ap '18
- National society for the orphans of peasants killed in war**
Italy; care of children of peasants killed in the war. Int R Ag Econ 63:53-7 Mr '16
- National society for the promotion of industrial education**
Aims and work. C. Murtland. J Home Econ 8:10-16 Ja '16
- National society of record associations**
Annual meeting, Chicago, Dec. 7, 1916. Nat Stock & F 40:983 D 23 '16; Ohio F 138:619 D 23 '16; Kimball's D F 14:828 Ja 1 '17
Annual meeting, Chicago, Dec. 6, 1917. Breeder's Gaz 72:1102 D 13 '17; Kimball's D F 16:21 Ja 1 '18
Meeting, Washington, D.C., May 5-6, 1916. Breeder's Gaz 69:1025 My 11 '16; Field II 26:521 Je '16
- National stockman and farmer (periodical)**
Friends since the beginning. Nat Stock & F 41:1+ Mr 31 '17
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Annual banquet at the swine show. M. S. McFadden. Swine World 6:13 N '18
Annual convention, Cedar Rapids, Ia. il Wallaces' F 43:1468-9+ O 11 '18
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Feeding

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Price lists

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 Bellows Bros.' 51 shorthorns for \$57,850. Breeder's Gaz 71:1249 Je 21 '17
 Bellows Bros. sell 40 shorthorns for \$44,430. Breeder's Gaz 69:1301 Je 22 '16
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 Canadian shorthorns average \$400 at Elora, Ontario. Breeder's Gaz 69:1260 Je 15 '16
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 Carpenter & Ross have \$145,950 shorthorn sale—average \$1,364. Wallace's F 42:935 Je 15 '17
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 Cumberland shorthorns average \$1,068. Breeder's Gaz 69:1218 Je 8 '16
 Daniels-Owens shorthorns average \$540. Breeder's Gaz 71:638 Mr 22 '17
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 55 Maxwalton shorthorns for \$55,700. il Breeder's Gaz 69:1259 Je 15 '16
 43 shorthorn calves sell for \$43,575. Breeder's Gaz 70:894 N 9 '16
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 Glenside milking shorthorns make \$1,008. Breeder's Gaz 71:1166 Je 7 '17
 Glenside sale average \$1008. il Field II 27:558 Jl '17
 Glenside shorthorns in demand. il Field II 28:518 Jl '18
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Shorthorns—Price lists—Continued

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- Jos. Miller & Sons' shorthorns make \$655. Breeder's Gaz 71:1167 Je 7 '17
- Lackawana shorthorns average \$1,052. Breeder's Gaz 73:1099 My 23 '18
- Leslie Smith's greatest shorthorn sale. Breeder's Gaz 74:17 J1 4 '18
- Lespedeza shorthorns make \$288. Breeder's Gaz 69:499 Mr 2 '16; Prog F 31:346 Mr 4 '16
- Lookabaugh's shorthorns realize \$600. Breeder's Gaz 70:1032 N 30 '16
- Maasdam & Wheeler dispersion. Breeder's Gaz 73:714 Ap 4 '18
- McClellan shorthorns make \$933. Breeder's Gaz 73:664 Mr 28 '18
- McDermott's shorthorns in keen demand. Breeder's Gaz 71:1168 Je 7 '17
- McMaster-Prather shorthorns. Breeder's Gaz 71:1166 Je 7 '17
- March sales. Breeder's Gaz 69:618-19 Mr 16 '16
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- Mitchell Bros. disperse shorthorns at \$872. Breeder's Gaz 72:19 J1 5 '17
- National shorthorn congress show and sale, Chicago, Feb. 19-22. *il* Breeder's Gaz 73:430-2 F 28 '18; Wallace's F 43:421 Mr 1 '18
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- Uppermill shorthorns make \$763. Breeder's Gaz 69:780-1 Ap 6 '16
- Watt Gardhouse shorthorns at \$810. Breeder's Gaz 73:1149 My 30 '18
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- Shot-hole borers.** See Barkbeetles
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Siberia

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Sicily. *See* Cotton—Sicily

Sick, The

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In and out my sideboard. F. A. Harris. *il Country Gent* 81:952 Ap 29 '16

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Sign posts. *See* Guide posts

Silage

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Water supply, Rural—Continued

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See also Water heaters

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 Keeping stock tank free of ice. S. Orrick. Country Gent 83:20 N 23 '18
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Water tanks, Concrete

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 Fire boxes for concrete tanks. D. R. Van Horn. Farm Eng 5:13 Ag '17

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 Steps toward project control. F. D. Pyle. il Irr Age 32:166-8 S '17
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See also American federation of water users

Water wheels

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 Homemade water wheel. A. W. Trubey. il Country Gent 81:1266 Je 24 '16

Waterfinders

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Waterfowl. See Water birds**Watering troughs. See Drinking troughs****Watermelon anthracnose**

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Watermelon stem-end rot

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 Home canning; watermelons. A. M. Johnson. Country Gent 82:1246 Ag 4 '17
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See also Watermelon anthracnose; Watermelon stem-end rot

Marketing

- Selling association for watermelon growers. R. M. Harkey. Prog F 31:902 JI 22 '16

Waterproofing

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Watersheds

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Waterways

- Inland boat service; freight rates on farm products and time of transit on inland waterways in the United States. F. Andrews. U S Ag B 74:1-36 '14

See also Riparian rights

Waukesha county Guernsey breeders' association

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See also Beeswax; Grafting wax

Waxmoths. See Bee moths**Waxwings**

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Weasels

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Weather

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See also Climate; Evaporation; Meteorology; Rain and rainfall; Snow

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Weather lore

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See also Indian blankets

Webster, Francis Marion, 1849-1916

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Webworms. See Garden webworms

- Wedding gifts**
Plants and flowers as wedding presents. *Am Flor* 50:917 My 25 '18
- Weddings**
June bride. *Prog F* 32:680 Je 9 '17
June wedding. *Am Flor* 46:1034 Je 3 '16
War and June weddings. *il Am Flor* 48:1009-11 My 26 '17
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- Wedge**; story. R. L. Apsey. *il Country Gent* 83:8-9+ J1 27 '18
- Wedgwood ware**. See Pottery
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Weekly news letter

Index to volume III. 16p '16 U S Ag

Weeks, John Wingate, 1860-

Portrait. Am For 22:542 S '16

Weevils

Notes on an introduced weevil (*ceutorhynchus marginatus* Payk.). J. A. Hyslop. Il J Econ Entom 10:278-82 Ap '17

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Weights and measures—Laws and legislation—Cont.
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Welding

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Welfare work in industry

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