

DOCUMENTS RECEIVED AND DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE

LETTER FROM
THE SECRETARY OF AGRICULTURE

TRANSMITTING

A DETAILED REPORT OF THE PUBLICATIONS
RECEIVED AND DISTRIBUTED BY THIS DE-
PARTMENT DURING THE FISCAL YEAR
ENDED JUNE 30, 1917



DECEMBER 4, 1917.—Referred to the Committee on Expenditures in the
Department of Agriculture and ordered to be printed

WASHINGTON
GOVERNMENT PRINTING OFFICE
1917

LETTER OF TRANSMITTAL.

DEPARTMENT OF AGRICULTURE,
Washington, December 1, 1917.

SIR: In compliance with the provisions of section 92 of the act of January 12, 1895 (28 Stat. L., 623), I have the honor to transmit herewith a detailed report showing the publications received and distributed by this department during the fiscal year ended June 30, 1917.

Very respectfully,

D. F. HOUSTON, *Secretary.*

The SPEAKER OF THE HOUSE OF REPRESENTATIVES.

DOCUMENTS RECEIVED AND DISTRIBUTED, FISCAL YEAR 1917.

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623).

OFFICE OF THE SECRETARY.

[This table shows only the copies received and distributed during the year. When the number distributed exceeds the number received the excess came from the stock on hand at the beginning of the year.]

Title.	Copies received.	Copies distributed.
Annual Report of the Secretary:		
1916.....	5,000	5,000
1916 (summary).....	5,500	5,500
Department, 1916.....	300	300
Yearbooks of the Department:		
1894.....		25
1900.....		25
1901.....		25
1904.....		20
1906.....		45
1907.....		50
1908.....		85
1912.....		705
1914.....		1,155
1915.....		5,055
1916.....	30,000	5,780
Reports (departmental):		
No. 95. Agricultural Possibilities of the Canal Zone.....		15
No. 99. Classification of the Sub-Family Cryphalinae.....		
No. 100. Potash from Kelp.....	135	100
No. 101. The Wooly Apple Aphis.....		25
No. 102. Description of Some Weevils. Rared from Cotton in Peru.....		
No. 107. Contributions Toward a Classification and Biology of the North American Cerambycid Larvae—The Prioninae.....		
No. 109. Meat situation in the United States. Part 1. Statistics of Live Stock of Animals, Meat Production and Consumption, Prices and International Trade for Many Countries.....	1,000	1,000
No. 110. Part 2. Live Stock Production in the Eleven Far Western Range States.....	4,000	4,000
No. 111. Part 3. Methods and Cost of Growing Beef Cattle in the Corn Belt States.....	5,000	4,930
No. 112. Part 4. Utilization and Efficiency of Available American Feed Stuffs.....		275
No. 113. Part 5. Methods and Cost of Marketing Live Stock and Meats.....	5,000	3,805
No. 114. Some Public and Economic Aspects of the Lumber Industry.....	125,000	96,405
Circulars:		
No. 19. Standard of Purity for Food Products.....		1,270
No. 21. Rules and Regulations for the Enforcement of the Food and Drug Act.....	6,000	10,335
No. 30. Hog Raising in the South.....		4,765
No. 34. Rules and Regulations for Carrying Out the Provisions of the Insecticide Act of 1910.....		550
No. 37. The Department of Agriculture in Relation to a National Law to Prevent the Importation of Insect Infected or Diseased Plants.....	1,120	-----
No. 44. Rules and Regulations for Carrying Out the Plant Quarantine Act.....		
No. 46. Rules and Regulations of the Secretary of Agriculture under the United States Cotton Futures Act of August 18, 1914.....		50
Same—		
Amendment 1.....		
Amendment 2.....		
Amendment 3.....		
Amendment 4.....		
Amendment 5.....		
Amendment 6.....		
Amendment 7.....		
Amendment 8.....		85
No. 47. Cooperative Agriculture Extension Work.....		900
No. 48. Marketing Maine Potatoes.....		1,115
No. 50. Diversified Agriculture and the Relation of the Banker to the Farmer.....		

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

OFFICE OF THE SECRETARY—Continued.

Title.	Copies received.	Copies distributed.
Circulars—Continued.		
No. 51. The Hessian Fly Situation in 1915.....		250
No. 52. State Highway Mileage and Expenditures.....		65
No. 54. A System of Pasturing Alfalfa in Salt River Valley, Arizona.....		200
No. 55. The Spring Grain Aphid or Green Bug in the Southwest and the Possibilities of an Outbreak in 1916.....		435
No. 56. Safe Farming.....	20,000	6,150
No. 57. The Influence of Relative Area in Intertilled and Other Classes of Crops on Crop Yield.....		325
No. 58. Reports of Drs. Moore, Ravenel, and Sedgwick upon the Federal Meat Inspection.....		
No. 59. Automobile Registration, Licenses and Revenues in the United States, 1915.....	4,000	3,700
No. 60. Amortization Methods for Farm Mortgage Loans.....	32,500	
No. 61. Brief Review of the More Important Insects which may Affect the Health of Men or Animals Engaged in Military Operations.....	101,000	100,800
No. 62. Factors of Apportionment Under Federal Aid Appropriation for Fiscal Year 1917.....	4,000	3,900
No. 63. State Highway Mileage and Expenditures for the Calendar Year 1915.....	5,000	2,000
No. 64. Rules and Regulations of the Secretary of Agriculture Under the United States Cotton Futures Act of August, 1916.....	26,000	15,400
No. 65. Rules and Regulations for Carrying Out the Federal Aid Road Act.....	10,500	7,825
No. 66. Suggestions for the Manufacture and Marketing of Creamery Butter in the South.....	7,000	5,920
No. 67. Measuring Hay in Ricks or Stacks.....	9,000	4,850
No. 68. Improved Apparatus for Use in Making Acidity Determination of Corn.....	22,000	20,515
No. 69. Forest Fires in the United States in 1915.....	42,000	39,600
No. 70. Rules and Regulations Governing the Grain Standard Act.....	40,000	35,800
No. 71. Winter Egg Production.....	10,000	9,080
No. 72. Width of Wagon Tires Recommended for Loads of Varying Magnitudes on Earth and Gravel Roads.....	3,500	3,350
No. 73. Automobile Registration, Licenses and Revenues in the United States, 1916.....	4,000	2,135
Special circulars (unnumbered):		
Feeding the Farm Cow in the South.....		1,840
Advantage of Dairying in the South.....		1,830
The Feeding and Care of Dairy Calves.....	26,000	
Marketing Butter and Cream in the South.....		1,500
Horse and Mule Raising in the South.....		150
Producing Sheep on Southern Farms.....		250
Making Farm Butter in the South.....		1,725
Shall Southern Farmers Build Creameries.....		800
Do You Keep a Cow.....		1,350
The Production and Care of Milk and Cream.....		1,715
Conveniences for Handling the Farm Cow and her Products.....		4,465
Permanent Pastures for the Cotton Belt.....		3,440
Sorghum for Forage in the Cotton Belt.....		270
Winter Wheat in the Cotton Belt.....		680
Winter Oats in the Cotton Belt.....		1,935
Rape as a Forage Crop in the Cotton Belt.....		5,770
Hairy Vetch for the Cotton Belt.....		2,450
Soy Beans in the Cotton Belt.....		13,300
Cowpeas in the Cotton Belt.....		11,050
Rye in the Cotton Belt.....		780
Peanut Growing in the Cotton Belt.....		25,480
Sweet Potato Growing in the Cotton Belt.....		3,990
Department bulletins (contributed by the Office of the Secretary):		
No. 337. A Study of the Tenant Systems of Farming in the Yazoo-Mississippi Deltas.....		225
No. 338. Machinery Cost of Farm Operations in Western New York.....		605
No. 341. Farm Management Practice of Chester County, Pa.....		1,420
No. 367. Carrying Capacity of Grazing Ranges in Southern Arizona.....		680
Miscellaneous:		
Decisions in Regard to Labeling Medicinal Preparations.....		1,600
Senate Document 84. Message from the President of the United States on Southern Appalachians.....		
House Document 1271. Prices of Wheat Producers in Kansas, etc.....		
The Adulteration and Misbranding of the Seeds of Kentucky Bluegrass and Redtop.....		
Program of Work of the United States Department of Agriculture, 1917.....	2,250	2,250
Amendment 4 to the Fiscal Regulations.....	10,000	10,000
Amendment 5 to the Fiscal Regulations.....	5,000	5,000
Standard Governing the Form and Arrangement of Plans, Specifications, and Estimates for Federal Aid Project.....	4,000	4,000
Federal Farm Loan Act.....	5,000	5,000
President's Appeal.....	565,000	565,000
Appeal to Women.....	50,000	50,000

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

OFFICE OF THE SECRETARY—Continued.

Title.	Copies received.	Copies distributed.
Miscellaneous—Continued.		
Program for Food Production and Conservation.....	80,000	80,000
Foods Crops must be Increased.....	180,000	180,000
Food Production Plans Submitted to the Senate.....	30,000	30,000
Conserve Foods.....	100,000	100,000
Manufacture of Cottage Cheese in Creameries and Milk Plants.....	10,000	10,000
Ways to Use Cottage Cheese.....	50,000	50,000
Simple Direction for Making Cottage Cheese on the Farm.....	700,000	700,000
No. 1. Poultry Series: Backyard Poultry Leaflet.....	20,000	20,000
Food Value of American Cheese.....	50,000	50,000
Buttermilk a Food Drink.....	50,000	50,000
Food Thrift Series:		
No. 1. Help Feed Yourself.....	180,000	180,000
No. 2. Watch Your Kitchen Waste.....	150,000	150,000
No. 3. Let Nothing Spoil.....	105,000	105,000
No. 4. Extracts from the President's Appeal to Farmers.....	100,000	100,000
No. 5. An Ounce of Meat, etc.....	150,000	150,000
Posters:		
Trap the Chinch Bug.....	30,000	30,000
Help a Farmer.....	30,000	30,000
Special Appeal to Farmer Patriots.....	254,500	254,500
Farmers—Housewives, Children.....	314,500	314,500
Waste No Food.....	100,000	100,000
Help Feed Yourself.....	300,000	300,000
Cultivate Your Corn.....	150,000	150,000
Dairy Farmers, It's Your Patriotic Duty to Stop Milk Waste Now.....	20,000	20,000
White Grub.....	5,000	5,000
How Much Turpentine Are You Wasting.....	2,500	2,500
More Rosin, Better Rosin.....	2,500	2,500
Spilled Milk.....	20,000	20,000
Keep Tuberculosis Out of Your Swine.....	50,000	50,000
Beat the Boll Weevil.....	25,000	25,000
Plant Corn.....	70,000	70,000
Farm Help.....	210,000	210,000
Weekly News Letter:		
Volume 3—		
No. 49.....	140,000	140,000
No. 50.....	120,000	120,000
No. 51.....	120,000	120,000
Volume 4—		
No. 1.....	140,000	140,000
No. 2.....	140,000	140,000
No. 3.....	140,000	140,000
No. 4.....	140,000	140,000
No. 5.....	140,000	140,000
No. 6.....	140,000	140,000
No. 7.....	140,000	140,000
No. 8.....	140,000	140,000
No. 9.....	140,000	140,000
No. 10.....	140,000	140,000
No. 11.....	140,000	140,000
No. 12.....	140,000	140,000
No. 13.....	140,000	140,000
No. 14.....	130,000	130,000
No. 15.....	130,000	130,000
No. 16.....	130,000	130,000
No. 17.....	130,000	130,000
No. 18.....	130,000	130,000
No. 19.....	125,000	125,000
No. 20.....	125,000	125,000
No. 21.....	125,000	125,000
No. 22.....	125,000	125,000
No. 23.....	125,000	125,000
No. 24.....	125,000	125,000
No. 25.....	125,000	125,000
No. 26.....	125,000	125,000
No. 27.....	125,000	125,000
No. 28.....	125,000	125,000
No. 29.....	125,000	125,000
No. 30.....	125,000	125,000
No. 31.....	105,000	105,000
No. 32.....	105,000	105,000
No. 33.....	105,000	105,000
No. 34.....	105,000	105,000
No. 35.....	105,000	105,000
No. 36.....	105,000	105,000
No. 37.....	105,000	105,000
No. 38.....	105,000	105,000

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

OFFICE OF THE SECRETARY—Continued.

Title.	Copies received.	Copies distributed
Weekly News Letter—Continued.		
Volume 4—Continued.		
No. 39.....	105,000	105,000
No. 40.....	105,000	105,000
No. 41.....	105,000	105,000
No. 42.....	105,000	105,000
No. 43.....	105,000	105,000
No. 44.....	105,000	105,000
No. 45.....	105,000	105,000
No. 46.....	105,000	105,000
No. 47.....	105,000	105,000
No. 48.....	105,000	105,000
INSECTICIDE AND FUNGICIDE BOARD.		
Report of the Insecticide and Fungicide Board:		
1913.....		
1914.....		
1915.....		
1916.....	2,500	2,300
Insecticide decisions:		
No. 1. Insect Powders.....		200
No. 3. Approval of Labels.....		200
No. 5. Combined Arsenious Oxid in Paris Green.....		200
No. 6. Inert and Active Ingredients of Bordeaux Mixture.....		200
Notices of judgment under the insecticide act:		
No. 34. Misbranding of Niagara Spray.....		
No. 35. Misbranding of Roach Sault.....		
No. 36. Misbranding of Creolusal.....		
No. 37. Misbranding of Rusoline.....		
No. 38. Misbranding of Security Carbolized Disinfectant.....		
No. 39. Misbranding of Roach Sault.....		
No. 40. Misbranding of Peterman's Roach Food.....		
No. 42. Misbranding of Insectous.....		
No. 44. Adulteration and Misbranding of Hemingsway's Pure Lead Arsenate.....		
No. 45. Adulteration and Misbranding, Grassilli Arsenate of Lead Paste.....		
No. 46. Misbranding of Sherwin-Williams Strictly Pure Paris Green.....		
No. 47. Misbranding of "Crown Animal Spray".....		
No. 48. Misbranding of Chloro-Naphthoquinone Dip.....		
No. 49. Misbranding of Stott's Fir Tree Oil Soap.....		
No. 50. Misbranding of Excelsior Water-Bug, Cockroach, and Rat Paste.....		
No. 51. Misbranding of Hooker's Fatal Food for Roaches.....		
No. 52. Adulteration and Misbranding Leroy's Oriental Brand Camphorized Moth Crystals.....		
No. 53. Misbranding of The Great Western Bug Exterminator.....		
No. 54. Alleged Adulteration and Misbranding of F. E. A. Brand Insect Powder.....		
No. 55. Misbranding of "Sanitas".....		
No. 56. Misbranding of "Inland Lime-Sulphur Spray".....		
No. 57. Misbranding of "Kellog's Ant Paste".....		
No. 58. Misbranding of Samoc.....		
No. 59. Adulteration and Misbranding of Hemingsway's Pure Lead Arsenate.....		
No. 60. Misbranding of "Dr. David Robert's Disinfectall".....		
No. 61. Misbranding of "Whale Oil Soap".....		
Service and Regulatory Announcements:		
No. 2, March, 1914.....		150
No. 3, April, 1914.....		
No. 4, May, 1914.....		
No. 5, June and July, 1914.....		
No. 6, August and September, 1914.....		250
No. 7, October, November, and December, 1914.....		
No. 8, January and February, 1915.....		200
No. 9, March and April, 1915.....		550
No. 10. (Month not given).....		475
No. 11. (Month not given).....		450
No. 12. (Month not given).....		450
No. 13. (Month not given).....		14,000
No. 14. (Month not given).....		9,200
No. 15. (Month not given).....		14,000
		8,300
		14,000
		8,900
FEDERAL HORTICULTURAL BOARD.		
Report of the Federal Horticultural Board:		
1913.....		
1914.....		
1915.....		
1916.....	2,500	2,500

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

OFFICE OF THE SECRETARY—Continued.

Title.	Copies received.	Copies distributed.
FEDERAL HORTICULTURAL BOARD—continued.		
Notices of Quarantine Under Plant Quarantine Act:		
No. 4. Gypsy Moth and Brown Tail Moth.....	5,000	5,000
Amendments 2 to 7. White Pine Blister Rust.....	3,000	3,000
Amendments 3 to 8. Pink Boll Worm of Cotton.....	3,000	3,000
Amendments 4 to 8. Pink Boll Worm of Cotton.....	3,000	3,000
No. 13. Mediterranean Fruit Fly and Melon Fly.....	3,000	3,000
Amendments 1 to 24. Corn Diseases.....	3,000	3,000
Amendments 2 to 24. Corn Diseases.....	3,000	3,000
No. 26. White Pine Blister Rust.....	5,000	5,000
Amendments 1 to 26. White Pine Blister Rust.....	5,000	5,000
No. 27. Quarantine on Account of Gypsy Moth.....	6,000	6,000
Miscellaneous:		
Regulations Governing the Importation of Potatoes into the United States under the Provision of the Order of the Secretary of Agriculture, Issued Dec. 22, 1913.....	4,000	4,000
Same. Amendment 2.....		
Rules and Regulations Under the Plant Quarantine Act: Interstate Movement of Potatoes from Areas Quarantined from Powdery Scab.....		
Rules and Regulations Governing the Importation of Cotton into the United States.....		
Amendment 7.....	3,000	3,000
Amendment 8.....	3,000	3,000
Amendment 9.....	3,000	3,000
Amendment 10.....	3,000	3,000
Rules and Regulations Under Plant Quarantine Act: General, Including Nursery Stock.....		
Quarantine on Stone and Quarry Product on Account of the Gypsy Moth, with Regulations.....	5,000	5,000
No. 12. Plant Quarantine Decision.....	2,500	2,500
The Plant Quarantine Act as Amended.....	3,000	3,000
Service and Regulatory Announcements:		
Index to 1915.....	3,000	3,000
Index to 1916.....		
No. 24. January, 1916.....		
No. 25. February, 1916.....		
No. 26. March, 1916.....		
No. 27. April, 1916.....		
No. 28. May, 1916.....		
No. 29. June, 1916.....	3,000	2,300
No. 30. July, 1916.....	3,000	2,300
No. 31. August, 1916.....	3,000	2,150
No. 32. September, 1916.....	3,000	2,400
No. 33. October, 1916.....	3,000	2,300
No. 34. November, 1916.....	3,000	2,300
No. 35. December, 1916.....	3,000	2,300
No. 36. January, 1917.....	3,000	2,400
No. 37. February, 1917.....	3,000	2,300
No. 38. March, 1917.....	3,000	2,600
No. 39. April, 1917.....	3,000	2,500
Letter of Information:		
No. 22.....	1,200	1,200
No. 23.....	1,200	1,200
No. 24.....	1,200	1,200
DIVISION OF ACCOUNTS AND DISBURSEMENTS.		
Report of the Chief, 1916.....	200	200
FARM MANAGEMENT.		
Report of the Chief, 1916.....		
Department Bulletins (contributed by the Office of Farm Management):		
No. 410. Value to Farm Families of Food, Fuel, and Use of House.....	2,500	1,000
No. 411. System of Renting Truck Farms in Southeastern New Jersey.....	5,000	5,000
No. 412. The Normal Day's Work of Farm Implements, Workmen, and Crew in Western New York.....	3,000	3,000
No. 413. The Influence of Age on the Value of Dairy Cows and Farm Work Horses.....	3,000	3,000
No. 423. Labor Requirements of Dairy Farms as Influenced by Milking Machines.....	5,000	5,000
No. 425. Farming on the Cut-over Lands of Michigan, Wisconsin, and Minnesota.....	3,000	3,000
No. 446. The Cost of Producing Apples in Wenatchee Valley, Wash.....	5,000	4,400
No. 482. Farming in the Bluegrass Region.....	5,000	4,700
No. 492. An Economic Study of Farming in Sumter County, Ga.....	4,000	3,500
No. 500. The Cost of Producing Apples in Western Colorado.....	4,000	2,800
No. 501. The Cost of Producing Milk.....	5,000	2,700
		4,850

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

OFFICE OF THE SECRETARY—Continued.

Title.	Copies received.	Copies distributed.
FARM MANAGEMENT—continued.		
Department Bulletins—Continued.		
No. 504. The Theory of Correlation as Applied to Farm Survey Data in Fat-tening Baby Beef.....	3,500	1,600
No. 518. The Cost of Producing Apples in the Hood River Valley.....	5,000	3,300
No. 528. Seasonal Distribution of Farm Labor in Chester County, Pa.....	5,000	2,500
No. 529. Validity of the Survey Method of Research.....	2,500	2,125
No. 548. The Business of Ten Dairy Farms in the Bluegrass Region of Kentucky.....	5,000	1,600
Miscellaneous:		
Circular 1. Concerning Checking and Tabulating Farm Management Survey Data.....	1,000	1,000
WEATHER BUREAU.		
Report of the Chief, 1916.....	500	500
OFFICE OF THE SOLICITOR.		
Report of the Solicitor:		
1915.....		
1916.....	2,000	2,000
Circulars:		
No. 83. The Meat-Inspection Law (court decision).....	145	50
No. 85. Food and Drugs Act (court decision).....		240
No. 86. Food and Drugs Act (court decision).....	80	
No. 87. Food and Drugs Act (court decision).....	500	500
No. 88. Food and Drugs Act (court decision).....		
Miscellaneous:		
A Brief Statutory History of the United States Department of Agriculture.	3,000	2,500
Food inspection decisions:		
Nos. 40-43. Filing Guaranty. Approval of Labels, Mixing Flour, Labeling of Goods on Hand.....		500
Nos. 46-48. Fictitious Firm Names, Flavoring Extracts, Substances Used in the Preparation of Foods.....		300
Nos. 49-53. Time Required to Reach Decisions, etc., Imitation Coffee, Coloring of Butter and Cheese, Form of Label Formula on the Label of Drugs.....		
Nos. 54-59. Declaration of the Quantity or Proportion of Alcohol present in Drug Products. Methods of Stating Quantity or Proportion of Preparation used in Manufacturing Other Preparations. Names to be Employed in Declaring the Amount of Ingredients as Required by Law. Physicians, Prescriptions. The Labeling of Products Used as Food, and National Formulary Appendix.....	500	215
Nos. 60-64. Minor Border Importations, Cocoa-butter Substitutes, Guaranty on Imported Products, Use of the Word Compound in Names of Drug Products, Labeling of Sardines.....	500	325
No. 65. The Labeling of Whisky, Blends, Compounds, and Imitations Thereof.....	500	335
Nos. 66-68. The Use of Sugar in Canned Foods, Polishing and Coating Rice, Labeling of Food and Drug Products Manufactured for, Prepared for, Distributed by.....		
Nos. 70-72. Abuse of Guaranty for Advertising Purposes, Labeling of Succotash, Use of Guaranties and Serial Numbers Thereof.....	500	350
No. 73. Interstate Transportation of Imported Meats and Meat-Food Products.....		
No. 74. Certificates for Imported Meats and Meat-Food Products of Cattle, Sheep, Swine, and Goats.....	500	350
No. 75. The Labeling of Mixtures of Cane and Maple Sirups.....	500	375
No. 76. Dyes, Chemicals, and Preservatives in Foods.....		25
No. 77 and 106. Certificate and Control of Dyes Permissible for Use in Coloring Foods and Foodstuffs.....		550
Nos. 78-79. The Use of Labels After Oct. 1, 1907—Collection of Samples.....	500	325
Nos. 84-85. Amendment to Regulations 17 and 19—Labeling of Bitters.....	500	325
No. 86. Original Packages: Interpretation of Regulation 2 of Rules and Regulations for the Enforcement of the Food and Drugs Act.....	500	315
No. 89. Amendment of F. I. D., No. 76, Relating to the Use in Foods of Benzoate of Soda and Sulphur Dioxide.....		
No. 90. Labeling of Foods and Medicinal Mixtures for Stock and Poultry.....		
No. 91. The Labeling of Mocha Coffee.....	500	215
No. 92. The Use of Copper Salt in the Greening of Foods.....	500	500
Nos. 93-95. Amendment to Regulation 34. The Labeling of Medicinal and Table Waters. The Use of Neutral Spirits Distilled from Beet Sugar Molasses in the Preparation of Whisky Compounds and Imitations.....	1,000	375
No. 96. Serial Number Guaranty.....	500	300
No. 101. Benzoate of Soda.....	500	500
No. 102. Entry of Vegetables Greened with Copper Salts.....	500	350
No. 104. Relating to the Use in Foods of Benzoate of Soda.....		
No. 105. Labeling of Canned Salmon and Whitefish.....	1,000	550

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

OFFICE OF THE SECRETARY—Continued.

Title.	Copies received.	Copies distributed.
OFFICE OF THE SOLICITOR—continued.		
Food inspection decisions—Continued.		
No. 107. Decision of the Attorney General in Regard to the Legality of the Referee Board.	500	500
No. 108. Importation of Coffee.	500	400
No. 109. Labeling of Wines.	500	350
No. 110. Shellfish.		
No. 111. Labeling of Yeast.	500	350
No. 112. Amendment to Reg. 29 (Labeling of Derivatives).	500	500
No. 113. Labeling of Whisky, Mixtures and Imitations Thereof, Under the Food and Drugs Act of June 30, 1916.	500	365
No. 114. Labeling of Caracas Cocoa.	500	500
No. 115. On the Use of Geographical Names.		
No. 116. Amendments to Food Inspection Decision 74.	500	350
No. 117. The Use of Certified Colors.		
No. 118. Labeling of Whisky Compounds Under F. I. D. 113.	500	500
No. 119. Use of Shellac and Other Gums for Coating Chocolate and Other Confections.		
No. 120. Labeling of Ohio and Missouri Wines.		
No. 121. The Floating of Shellfish.		
No. 122. The Labeling of Port and Sherry Wines.	500	375
No. 123. Labeling of Rice.	500	350
No. 124. Labeling of Stock Feed.	500	350
No. 125. Labeling of Cordials.	500	300
No. 126. Salts of Tin in Food.		
No. 127. Decision of the Attorney General in Regard to the Labeling of Whiskies Sold Under Distinctive Names.	500	875
No. 128. Sago and Tapioca.	500	360
No. 129. The Certification of Straight Dyes and Mixtures Secondary Certificates (Amendment to F. I. D. 77).		
No. 130. Amendment to Regulation 5.	500	1,000
No. 131. The Composition of Evaporated Milk.	500	450
No. 132. The Use of Homogenized Butter and Skimmed Milk in the Manufacture of Ice Cream.		
No. 134. Labeling of New Orleans Molasses.	500	500
No. 135. Saccharin in Food.		
No. 136. Labeling of Chocolate and Cocoa.		
No. 137. The Use of Charlock as a Substitute for Mustard.		
No. 138. Saccharin in Food.		
No. 139. The Use of the Term Sweet Oil.		
No. 140. Labeling of Vinegar.		
No. 141. Labeling of Maraschino and Maraschino Cherries.		
No. 142. Saccharin in Food.		
No. 143. The Labeling of Candied Citron.		
No. 144. Canned Foods, Use of Water, Brine, Sirup, Sauce, and Similar Substances in the Preparation Thereof.		
No. 145. Bleached Oats and Barley.		
No. 146. The Use of Saccharin in Food.		
No. 147. Absinth.		
No. 148. Use of Copper Salts in the Greening of Foods.		
No. 150. Frozen Citrus Fruit.	500	200
Nos. 153 and 155. Amendment to Regulation 9 and Changing Effective Date of Food Inspection Decision No. 153.		
No. 154. Regulation of Marking the Quantity of Food in Package Form.		
No. 155. Changing Effective Date of F. I. D. 153.		
No. 157. Amendment to Regulation 29.		
No. 158. Condensed Milk, Evaporated Milk, and Concentrated Milk.		
No. 159. Certification of Mixtures Containing Coal-Tar Colors (Amending Food Inspection Decisions 77, 106, 129).		
No. 160. Glutin Products and Diabetic Food.		
No. 161. Maple Products.		
No. 162. Egg Noodles and Plain Noodles.		
No. 163. Amending Regulation 29.		
No. 164. Colors in Food (Amendment to Food Inspection Decisions 76, 117, 129).		
No. 165. Cacao Products.		
No. 166. Rocky Ford Melons.		
No. 167. Use of Guaranty Legends and Serial Numbers on Labels, etc.		
No. 168. Amending Paragraph E of Regulation 29.	15,000	5,080
No. 169. Edible Vegetable Fats and Oils.	15,000	11,700
No. 170. Sweetened Condensed Milk, Condensed Skimmed Milk, etc.	15,000	12,740
Index Food Inspection Decisions 40-170.	10,000	5,000
General Information Concerning F. I. D. 153 and 155.	10,000	2,800
Total.	11,284,330	11,199,905

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF ANIMAL INDUSTRY.

Title.	Copies received.	Copies distributed.
Reports of the chief of bureau:		
1889.....		205
1890.....		185
1891.....		130
1895.....		185
1897.....		75
1899.....		105
1900.....		250
1901.....		260
1902.....		175
1905.....		230
1908.....		
1912.....		
1916.....	2,500	2,000
Bulletins:		
No. 67. Necrotic Stomatitis.....	1,000	325
No. 81. Milk Supply of Boston, New York, and Philadelphia.....		190
No. 120. Intracellular Euzymes of <i>Pencillium</i> and <i>Aspergillus</i>		
No. 123. The Influence of Lactic Acid on the Quality of Cheese of the Cheddar Type.....		
No. 125. The Gid Parasite and Allied Species of Cestode Genus <i>Multiceps</i> :		
I. Historical Review.....		10
No. 135. Comparative Study of Methods of Examining Feces for Evidence of Parasitism.....		20
No. 154. Methods of Classifying the Lactic-Acid Bacteria.....		
No. 165. The Manufacture of Cheddar Style Cheese from Pasteurized Milk.....		60
No. 167. The Action of Arsenical Dips in Protecting Cattle from Infection with Ticks.....		120
Circulars:		
No. 14. Check List of the Animal Parasites of Geese.....		405
No. 23. Directions for the Use of Blackleg Vaccine.....	20,000	8,355
No. 31. Blackleg: Its Nature, Cause, and Prevention.....		575
No. 68. Diseases of the Stomach and Bowels of Cattle.....		100
No. 89. The Preparation of Emulsions of Crude Petroleum.....		265
No. 96. Actinomycosis or Lumpy Jaw.....	1,000	430
No. 125. The Federal Meat Inspection Service.....		55
No. 138. Infectious Anemia or Swamp Fever of Horses.....		
No. 141. Foot-and-Mouth Disease.....		
No. 150-A. List of Accredited Veterinary Colleges.....		450
No. 150-C. List of Accredited Veterinary Colleges.....		100
No. 160. Lip-and-Leg Ulceration of Sheep.....	1,000	350
No. 164. State Live Stock Sanitary Officers.....		
No. 168. A Note on the Feeding Value of Coconut and Peanut Meals for Horses.....		
No. 170. The Extra Cost of Producing Clean Milk.....		425
No. 173. The Sanitary Construction and Equipment of Abattoirs and Packing Houses.....		155
No. 178. Breeding Horses for the United States Army.....		
No. 179. Cow-Testing Associations.....	2,500	2,100
No. 183. Directions for Constructing a Vat and Dipping Cattle to Destroy Ticks.....		
No. 185. State and Municipal Meat Inspection and Municipal Slaughter Houses.....		290
No. 192. The Regional Lump Glands of Food-Producing Animals.....		45
No. 195. A Plan for a Small Dairy House.....		
No. 199. Score-Card System of Dairy Inspection.....		295
No. 203. A Method for the Determination of Starch in Meat Food Products.....	50	
No. 207. Directions for Constructing Vats and Dipping Cattle to Destroy Ticks.....		4,140
No. 209. The Utilization of Exhaust Steam for Heating Boiler Feed Water and Wash Water in Milk Plants, Creameries, and Dairies.....	240	75
No. 210. A Comparison of the Acid Test and Rennet Test for Determining Conditions of Milk for Cheddar Type of Cheese.....		
No. 211. A Humidity Regulator.....		
No. 212. Detection of Phytosterol in Mixtures of Animal and Vegetable Fats.....		
No. 215. Malta Fever with Special Reference to Its Diagnosis and Control in Goats.....		75
No. 216. Infectious Abortion of Cattle.....		180
No. 217. The Control of Bulk Milk in Stores.....		190
Separates and annual reports:		
From twenty-fifth report, 1908. The outbreak of Foot-and-Mouth Disease in the United States.....		
From twenty-sixth report, 1909. The Use of Metallic Containers for Edible Fats and Oils.....		95
From twenty-seventh report, 1910. The Ancestry of Domesticated Cattle.....		
From twenty-eighth report, 1911. Biochemic Reaction and the Bacterial Count of Milk.....		
Immunization Tests in Tetanus.....		

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Title.	Copies received.	Copies distributed.
Meat Inspection Directory:		
July, 1916.....	3,000	3,000
October, 1916.....	3,000	3,000
April, 1917.....	3,000	3,000
Service and Regulatory Announcements:		
June, 1916.....	9,100	9,100
July, 1916.....	9,100	9,100
August, 1916.....	9,100	9,100
September, 1916.....	9,100	9,100
October, 1916.....	9,100	9,100
November, 1916.....	9,100	9,100
December, 1916.....	9,700	9,700
Index.....	4,000	4,000
January, 1917.....	9,300	9,300
February, 1917.....	9,100	9,100
March, 1917.....	9,100	9,100
April, 1917.....	9,100	9,100
Miscellaneous:		
Notice Regarding Interstate Movement of Cattle and Swine which are Affected with Tuberculosis.....		
Notice Regarding the Interstate Movement of Cattle, Sheep, and Swine which are Affected with Lip-and-Leg Ulceration.....		
The Effect of Tick Eradication on the Cattle Industry of the South.....		23,240
Bighorn Sheep.....		100
How to Use Anti-Hog Cholera Serum.....	3,000	4,525
Report on Inoculation as a Preventive of Swine Disease.....		
Poultry Exhibit of the United States Department of Agriculture at New York, Dec. 28, 1916, to Jan. 3, 1917.....	5,000	5,000
The Poultry Work of the Bureau of Animal Industry.....	5,000	5,000
Hog Cholera Prevention.....	75,000	75,000
The Ophthalmic Test for Glanders.....	2,000	300
The Cause of the Spewing Sickness of Sheep.....	5,000	4,650
Method of Chemical Testing of Milk and Cream.....	10,000	1,200
Joint Order No. 1, Regulation Governing the Certification and Disinfection of Hides, Fleischings, etc.....	10,000	10,000
Animals Imported for Breeding Purposes for which Certificates of Pure Breeding Have Been Issued by the Bureau of Animal Industry:		
Horses, 1915.....	1,000	1,000
Horses, 1916.....	700	700
Five Little Pigs—poster.....	200,000	200,000
General Instructions and Methods of Procedure in Organizing Poultry Clubs.....	10,000	10,000
Legal Standards for Dairy Products (revised to July 1, 1915).		1,250
The Economic Necessity for Eradicating Foot-and-Mouth Disease.....		
Proceedings of a Conference to Consider Means for Combating Foot-and-Mouth Disease.....		
Regulations Governing Entrance to the Veterinary Inspector Examination.....	2,100	2,100
Cicuta (Water Hemlock) as a Poisonous Plant.....	2,500	740
Glanders and Farcy.....	1,000	300
A Tick-Free South.....	150,000	150,000
Orders and amendments:		
Amendment 3 to Order 129.....		
Order 147.....		
Order 174.....		50
Amendment 3 to Order 206.....	1,000	1,000
Order 211.....	5,000	4,115
Amendment 3 to Order 212.....	7,500	7,500
Amendment 4 to Order 241.....	7,500	7,500
Order 245.....	5,000	5,000
Order 247.....	7,500	7,500
Order 248.....	7,500	7,500
Order 249.....	2,500	2,500
Order 250.....	2,500	2,500
Order 251.....	7,500	7,500
Amendment 1 to Order 251.....	7,500	7,500
Amendment 2 to Order 251.....	7,500	7,500
Department bulletins (contributed by Bureau of Animal Industry):		
No. 20. The Management of Sheep on the Farm.....		460
No. 65. Cerebro Spinal Meningitis (Forage Poisoning).	1,000	350
No. 70. Immunization Tests with Glanders Vaccine.....		210
No. 73. Raising and Fattening Beef Calves in Alabama.....		175
No. 76. Laboratory and Field Assay of Arsenical Dipping Fluids.....	5,000	550
No. 98. The Application of Refrigeration to the Handling of Milk.....		520
No. 147. The Effect of the Cattle Tick Upon the Milk Production of Dairy Cows.....		400
No. 148. The Use of <i>Bacillus Bulgaricus</i> in Starters for Making Cheese of the Swiss or Emmettal Type.....		
No. 163. A Field Test for Lime-Sulphur Dipping Baths.....		

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Title.	Copies received.	Copies distributed.
Department bulletins—Continued.		
No. 166. Ophthalmic Mallein for the Diagnosis of Glanders.....	4,200	.....
No. 206. The Wool Grower and the Wool Trade.....	.....	285
No. 259. Studies on Charges in the Degree of Oxidation of Arsenic and Arsenical Dipping Baths.....	.....	365
No. 260. The Vagrant Dog as a Menace to the Public Welfare.....	.....	1,050
No. 319. Fermented Milk.....	1,000	1,000
No. 342. The Present Status of the Pasteurization of Milk.....	.....	.....
No. 361. Comparison of the Bacterial Count of Milk with the Sediment of Dirt Test.....	5,000	4,500
No. 365. Larkspur Poisoning of Live Stock.....	7,000	7,000
No. 368. Brown Rot of Prunes and Cherries in the Pacific Northwest.....	2,000	2,000
No. 420. Cooling Hot-Bottled Pasteurized Milk by Forced Air.....	3,000	3,000
No. 433. Changes in Fresh Beef During Cold Storage Above Freezing.....	5,000	4,400
No. 451. The Chemical Composition of Lime-Sulphur Solutions Used as Animal Dips.....	5,000	3,700
No. 459. The Use of Energy Values in the Computation of Rations for Farm Animals.....	5,000	5,000
No. 517. An Intradermal Test for <i>Bacterium Pullorum</i> Infection in Fowls.....	5,000	4,880
No. 563. The Determination of Bacteria in Ice Cream.....	3,000	2,780
Total.....	744,190	742,970

BUREAU OF BIOLOGICAL SURVEY.

Reports of chief of bureau:		
1914.....	.....	60
1916.....	2,500	2,500
Circulars:		
No. 17. Bird Day in the Schools.....	.....	425
No. 58. Destruction of the Deer by the Northern Timber Wolf.....	.....	.....
No. 67. Decision of the Supreme Court on the Sale of Imported Game.....	.....	.....
No. 69. Key to the Animals on which Wolf and Coyote Bounties are Often Paid.....	.....	.....
No. 72. Private Game Reserves and Their Future in the United States.....	.....	.....
No. 81. The Imported Wild Duck Foods.....	.....	300
No. 86. Regulations for the Protection of Deer.....	.....	.....
No. 88. Directory of Officials and Organizations Concerned with Protection of Birds and Game, 1912.....	.....	.....
North American Fauna:		
No. 30. Biological Investigations in Alaska and Yukon Territory.....	.....	.....
No. 32. A Systematic Synopsis of the Muskrats.....	.....	110
No. 33. A Biological Survey of Colorado.....	.....	25
No. 34. Revision of the Spring Pocket Mice.....	.....	10
No. 36. Revision of the American Harvest Mice.....	.....	.....
No. 37. Revision of the American Marmots.....	210	.....
No. 38. A Review of the American Moles.....	.....	25
No. 40. Prairie Dogs: Systematic Study of Species and Distribution.....	.....	825
Miscellaneous:		
Report of the Governor of Alaska on the Alaska Game Laws—		
1915.....	.....	.....
1916.....	1,000	1,000
Directory of Officials and Organizations Concerned with the Protection of Bird and Game, 1916.....	1,000	1,000
Open Season for Game Poster.....	2,000	2,000
Service and Regulatory Announcements:		
No. 5. Amendment of Regulations for the Protection of Deer, Moose, etc., in Alaska.....	.....	.....
No. 9. Proposed Regulations for the Protection of Migratory Birds.....	.....	7,850
No. 10. Regulations for the Protection of Deer, Moose, Caribou, Sheep, and Mountain Goat in Alaska.....	1,000	1,000
No. 11. Regulations for the Protection of Migratory Birds.....	15,000	15,000
No. 12. Regulations for the Protection of Moose and Mountain Sheep on the Kenai Peninsula and Adjoining Region in Alaska.....	1,000	1,000
No. 13. Regulations for the Issue of Permits for Quail Imported into the United States from Northeastern Mexico.....	1,500	1,300
Departmental Bulletins (contributed by Bureau of Biological Survey):		
No. 107. Birds in Relation to the Alfalfa Weevil.....	.....	170
No. 187. Preliminary Census of Birds of the United States.....	.....	350
No. 205. Eleven Important Wild-Duck Foods.....	.....	520
No. 217. Mortality Among Waterfowl Around Great Salt Lake.....	.....	100
No. 396. Second Annual Report of Bird Counts in the United States, with Discussion of Results.....	5,000	5,000
No. 465. Propagation of Wild-Duck Foods.....	5,000	2,660
Total.....	35,210	43,230

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF CHEMISTRY.

Title.	Copies received.	Copies distributed.
Report of the chemist:		
1915.....	2,000	1,665
1916.....		
Bulletins:		
No. 74. Influence of soil and Climate Upon the Composition of Sugar Beet, 1901.....		215
No. 78. Influence of Environment Upon the Composition of Sugar Beets, 1902, Including Study of Irrigated Sections.....		170
No. 84. Influence of Food Preservatives and Artificial Colors on Digestion and Health. Part 2. Salicylic Acid and Salicylates.....		200
No. 128. Tri-Local Experiments on Influence of Environment on Composition of Wheat.....		
No. 138. Translocation of Plant Food and Elaboration of Organic Plant Material in Wheat Seedling.....		
No. 145. Ecological Studies: Chemical Composition of American Grapes Grown in Ohio, New York, and Virginia.....		
No. 154. Chemical Analysis and Composition of Imported Honey from Cuba, Mexico, and Haiti.....		70
No. 160. A Study of Nuts with Special Reference to Microscopic Identification.....		10
Circulars:		
No. 41. Paper Making Materials and Their Conservation.....	75	135
No. 54. Analysis of Canned Peas and Beans.....		
No. 59. Destruction of the Enzym Invertase by Acids, Alkalies, and Hot Water.....		
No. 60. A Theory of Influence of Acids and Alkalies on Activity of Invertase.....	5,000	2,775
No. 61. How to Kill and Bleed Market Poultry.....		900
No. 64. Studies of Poultry from the Farm to the Consumer.....		
No. 70. The Comparative Rate of Decomposition on Drawn and Undrawn Poultry.....	125	
No. 71. Extraction of Grains and Cattle Foods for the Determination of Sugar Comparison of Alcohol and Sodium Carbonate Digestions.....		
No. 81. The Action of Drugs Under Pathological Conditions.....	1,000	600
No. 84. Fluorescent Test for Mineral and Rosin Oils.....		
No. 86. Refraction Index of Beeswax.....		
No. 94. Volatile Acidity of Gum Tragacanth.....		
No. 96. Measurement of Translucency of Papers.....		
No. 98. Practical Suggestions for the Preparation of Frozen and Dried Eggs.....		100
No. 100. Grading Rosin at the Still.....		40
No. 101. The Ignition of Precipitates Without the Use of the Blast Lamp.....		75
No. 104. Study of the Enzyms of the Egg of Common Fowls.....		
No. 110. Identification of Tanned Skins.....		75
No. 113. The Quantitative Separation and Determination of Subsidiary Dyes in Permitted Food Colors.....		
No. 114. The Identification of Small Amounts of Dyestuffs by Oxidation with Bromine.....	40	
No. 115. An All-Metal Poultry-Cooling Rack.....	65	
Miscellaneous:		
No. 29. Regulation Relating to Marking the Quantity of Food In Package Form, as Amended, by F. I. D. 163, 168, 154, 157. Knife for Killing Poultry.....	20,000	7,500
Service and Regulatory Announcements:		
No. 1. January, 1914.....		255
No. 2. February, 1914.....		110
No. 3. March, 1914.....	3,500	1,050
No. 4. April, 1914.....		535
Supplement to 4.....		
No. 5. May 1914.....		1,025
Supplement to 5.....		
No. 6. June, 1914.....		25
Supplement to 6.....		
No. 7. July, 1914.....		700
Supplement to 7.....		
No. 8. August, 1914.....		725
Supplement to 8.....		
No. 9. September, 1914.....		650
Supplement to 9.....		
No. 10. October, 1914.....		200
No. 11. November, 1914.....		225
No. 12. December, 1914.....		225
Index to Nos. 1 to 12.....		
No. 13. May, 1915.....		325
No. 14. August, 1915.....		525
No. 15. November, 1915.....		745
No. 16. January, 1916.....		1,030
No. 17. May, 1916.....		1,225
No. 18. October, 1916.....	12,000	10,915
No. 19. March, 1917.....	12,000	9,935

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF CHEMISTRY—Continued.

Title.	Copies received.	Copies distributed.
Supplements:		
No. 1.		
No. 2.		20
No. 3.		
No. 4.		500
No. 5.		
No. 6.		
No. 7.		
No. 8.		
No. 9.		
No. 10.		
No. 11.		
No. 12.		
No. 13.		
No. 14.		60
No. 15.		
No. 16.		
No. 17.	12,000	9,465
No. 18.	12,000	9,480
No. 19.	12,000	9,905
No. 20.	12,000	9,815
No. 21.	12,500	9,905
No. 22.	12,500	9,800
No. 23.	12,500	9,800
No. 24.	12,500	9,635
No. 25.	12,500	9,630
No. 26.	12,500	9,700
Department bulletins (contributed by the Bureau of Chemistry):		
No. 17. The Refrigeration of Dressed Poultry in Transit.		655
No. 51. A Bacteriological and Chemical Study of Commercial Eggs in the Producing Sections of the Central West.		575
No. 224. A Study of the Preparation of Frozen and Dried Eggs in the Producing Section.		1,650
No. 335. Development of Sugar and Acid in Grapes During Ripening.		235
No. 369. Bacteria in Commercial Bottled Waters.		140
No. 378. Fish Meal: Its Use as a Stock and Poultry Food.	4,000	4,000
No. 379. Dust Explosions and Fires in Grain Separators in the Pacific Northwest.	5,000	4,800
No. 448. Separation and Identification of Food-Coloring Substances.	4,000	3,000
No. 452. The Chemical Composition of American Grapes in the Central and Eastern States.	3,000	3,000
No. 493. A Study of American Beers and Ales.	5,000	3,050
No. 524. Detection of Lime Used as a Neutralizer in Dairy Products.	4,000	2,450
No. 538. Shrimp: Handling Transportation and Uses.	4,000	1,000
Total.	207,805	167,215

BUREAU OF ENTOMOLOGY.

Reports of the Entomologist:		
1914.		
1915.		50
1916.	1,500	1,500
Bulletins:		
No. 49. Report on the Habits of the Kelep or Guatemalan Cotton Boll Weevil Ant.		
No. 63. Papers on the Cotton Boll Weevil Related and Associated Insects. Contents and Index.		
No. 80. Papers on Deciduous Fruit Insects and Insecticides. Part 7. One Spray Method in Control of the Codling Moth and Plum Curculio.		25
No. 85. Papers on Cereal and Forage Insects. Part 2. The Slender Seed-Corn Ground Beetle. Same. Part 3. The Clover-Root Curculio. Same. Part 6. Contributions to Knowledge of Corn-Root Aphis.		40
No. 90. Hydrocyanic-Acid Gas Fumigation in California (complete in 3 parts).		
No. 94. Insects Injurious to Forests and Forest Products. Contents and Index.	2,000	2,000
No. 95. Papers on Cereal and Forage Insects. Part 2. The Maize Billbug.	2,000	2,000
No. 96. Papers on Insects Affecting Stored Production. Contents and Index.	2,000	2,000
No. 99. Papers on Insects Injurious to Citrus and Other Subtropical Fruits. Part 2. The Red-Branded Thrip. Same. Contents and Index.	2,000	2,000
No. 109. Papers on Insects Affecting Vegetables. Part 7. The Horse-Radish Webworm. Same. Contents and Index.	2,000	1,950

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF ENTOMOLOGY—Continued.

Title.	Copies received.	Copies distributed.
Bulletins—Continued.		
No. 111. The Hop Aphid in the Pacific Region.....		
No. 115. Papers on Deciduous Fruit Insects and Insecticides. Contents and Index.....		
No. 116. Papers on Deciduous Fruit Insects and Insecticides. Part 2. The Grape Berry Moth.....		
Same. Part 3. The Cherry Sawfly.....		
Same. Part 5. The Fruit Tree Leaf Roller.....		
Same. Contents and Index.....		
No. 120. Report of A Trip to India and the Orient in Search of the Natural Enemies of the Citrus White Fly.....		60
No. 122. The Argentine Ant.....		60
No. 124. The Rose Slug Caterpillar.....		
No. 125. The Florida Fern Caterpillar.....		
No. 126. The Albuton Moth.....		85
No. 127. Papers on Insects Affecting Vegetables and Truck Crops. Contents and Index.....		
Bulletins (Technical Series):		
No. 12. Contents and Index.....		25
No. 16. Papers on Coccoidea or Scale-Insect. Part 5. Germs Fiorinia in the United States.....		
Same. Part 7. Index to Catalogues of Recently Described Coccoidea Included in Technical Series Bulletins Nos. 12-16.....		
No. 19. Technical Results from the Gipsy Moth Parasite Laboratory. Contents and Index.....	2,000	2,000
No. 21. Synopsis Catalogue and Bibliography of North America. Thysanoptera, with Description of New Species.....		15
No. 22. Structure of Certain Dipterous Larvae with Particular Reference to Those in Human Foods.....		
No. 23. Miscellaneous Papers. Part 1. Some New California and Georgia Thysanoptera.....		5
Same. Part 2. International Parasite of Thysanoptera.....		
No. 24. Life History of the Alder Blight Aphid.....		
No. 25. Papers on Aphididae. Part 1. Studies on New Species of Texoptera with Analytical Key to Genus and Notes of Rearing Methods.....		
Same. Part 2. The Yellow Clover Aphid.....		
No. 26. American Black Flies or Buffalo Gnats.....		
No. 27. Classification of Aleyrodidae. Part 2.....		
Same. Contents and Index.....		
Circulars:		
No. 23. The Buffalo Tree-Hopper.....		25
No. 28. The Box Elder Plant Bug.....		250
No. 32. The Larger Apple-Tree Borer.....		
No. 47. The Bedbug.....		295
No. 50. The White Ant.....		100
No. 53. The Yellow Locust.....		25
No. 63. The Root-Maggots and How to Control Them.....		225
No. 80. The Melon Aphid.....		170
No. 87. The Colorado Potato Beetle.....		545
No. 95. The Most Important Step in the Control of the Boll Weevil.....		500
No. 101. The Apple Maggot or "Railroad Worm".....		150
No. 102. The Asparagus Beetle.....		
No. 104. The Common Red Spider.....		150
No. 108. House Fleas.....		
No. 114. The Euonymus Scale.....		155
No. 121. The Oyster-Shell Scale and Scurfy Scale.....		210
No. 123. Methods for Controlling Tobacco Insects.....		75
No. 124. The San Jose Scale and its Control.....		50
No. 128. Insects Injurious to Forest Products.....		50
No. 131. How to Control the Pear Thrips.....		50
No. 136. Distribution of the Rocky Mountain Spotted Fever Tick.....		25
No. 146. The Movement of the Cotton Boll Weevil in 1911.....		
No. 150. The Red Spider on Cotton.....		
No. 151. The Green-house Thrips.....		55
No. 158. The Clover Mite.....		
No. 160. The Mediterranean Fruit Fly.....		235
No. 163. Hydrocyanic-Acid Gas Against Household Insects.....		125
No. 164. The Gipsy-Moth as a Forest Insect with Suggestions as to Its Control.....		125
No. 165. Insects Liable to Dissemination in Shipments of Sugar Cane.....		60
No. 168. Spraying for White Flies in Florida.....		25
No. 173. Arsenite of Lead as an Insecticide Against the Tobacco Hornworms.....		110
Miscellaneous:		
The Periodical Cicada in 1914.....		
The Pink Boll Worm.....		100
Save the Fruit Crop From Insects and Disease by Spraying.....	5,000	5,000
Some Timely Suggestions for the Owners of Woodlots in New England.....	10,000	8,640

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF ENTOMOLOGY—Continued.

Title.	Copies received.	Copies distributed.
Department bulletins (contributed by the Bureau of Entomology):		
No. 5. The Southern Corn Rootworm or Budworm.....		120
No. 8. The Western Corn Rootworm.....		
No. 14. The Migratory Habit of the Household Larvae as Indicating a Favorable Remedial Measure.....		550
No. 15. A Sealed Paper Carton to Protect Cereals from Insects Attack.....		
No. 19. The Grape Leaf-hopper in the Lake Erie Valley.....		75
No. 59. The Tobacco Splitworm.....		
No. 88. The Control of the Codling Moth in the Pecos Valley in New Mexico.....		
No. 92. Destruction of Infectious Bee Diseases by Heating.....		160
No. 93. The Temperature of the Honey Bee Cluster in Winter.....		175
No. 95. Insect Damage to the Cones and Seeds of Pacific Coast Conifers.....		
No. 96. The Temperature of the Bee Colony.....		465
No. 100. Walnut Aphides in California.....		110
No. 111. The Sequoia Pitch Moth, A Menace to Pine in Western Montana.....		25
No. 112. The Oat Aphis.....		325
No. 113. The Lesser Bud Moth.....		95
No. 124. The Alfalfa Caterpillar.....		390
No. 131. Repellants for Protecting Animals from the Attacks of Flies.....		440
No. 134. Citrus Fruit Insects in Mediterranean Countries.....		220
No. 160. Cactus Solution as an Adhesive in Arsenical Sprays for Insects.....		375
No. 161. The Mediterranean Fruit-Fly in Bermuda.....		
No. 165. Quassia as a Contract Insecticide.....		
No. 170. The European Pine Moth: A Serious Menace to Pine Timber in America.....		90
No. 173. The Life History and Habits of the Pear Thrips.....		150
No. 184. The Huisache Girdler.....		200
No. 189. Studies on the Codling Moth in the Central Appalachian Region.....		180
No. 192. Insects Affecting Vegetable Crops in Porto Rico.....		
No. 204. Report on the Gipsy Moth Work in New England.....		315
No. 226. The Verbena Bud-Moth.....		400
No. 231. Recent Studies of the Mexican Cotton Boll Weevil.....		215
No. 233. Relation of the Arizona Wild Cotton Weevil to Cotton Planting in the Arid West.....		250
No. 235. Control of Dried Fruit Insects in California.....		155
No. 239. The Eggplant-Lace Bug.....		180
No. 243. Cone Beetles: Injury to Sugar Pine and Western Yellow Pine.....		100
No. 245. Further Experiments in the Destruction of Fly Larvae in Horse Manure.....	2,000	2,000
No. 248. Fleas.....		600
No. 255. Douglas Fir Pitch Moth.....		610
No. 256. Katydid Injurious to Oranges in California.....		230
No. 263. The Cranberry Root Worm.....		65
No. 264. The Violet Rove-Beetle.....		185
No. 265. The Dock Flea-Worm; An Apple Pest.....		
No. 293. The Grasshopper Outbreak in New Mexico During the Summer of 1913.....		
No. 295. The Zimmerman Pine Moth.....		190
No. 329. Notes on Five North American Buffalo Gnats of the Genus Simulium.....		100
No. 344. Studies on the Biology of the Arizona Cotton Weevil.....		140
No. 352. The Cherry Leaf-Beetle: A Periodically Important Enemy of Cherries.....		250
No. 358. Studies of the Mexican Cotton Boll Weevil in the Mississippi Valley.....		470
No. 363. The Pink Corn Worm: An Insect Destructive to Corn in the Crib.....		255
No. 377. The Argentine Ant Distribution and Control in the United States.....	4,000	3,275
No. 382. Cotton Boll Weevil Control in the Mississippi Delta.....	20,000	4,025
No. 408. Experiments During 1915, in the Destruction of Fly Larvae in Horse Manure.....	3,000	3,000
No. 416. The Red Spider on Cotton.....	3,000	2,550
No. 419. The Grape Leaf-Folder.....	3,000	3,000
No. 421. Sugar-Beet Thrips.....	3,000	2,875
No. 422. The Egg-Plant Tortoise Beetle.....	3,000	3,000
No. 424. The Cottonwood Borer.....	3,000	3,000
No. 429. Life History of the Codling Moth in the Pecos Valley, New Mexico.....	3,000	2,760
No. 431. Sacbrood.....	3,000	3,000
No. 432. The Spike-Horned Leaf Miner, An Enemy of Grains and Grasses.....	3,000	3,000
No. 435. The Apple Leaf Sewer.....	3,000	3,000
No. 436. The Desert Corn Flea Beetle.....	3,000	2,910
No. 437. Flatheaded Borer Affecting Forest Trees in the United States.....	3,000	3,000
No. 443. The New Mexico Range Caterpillar and Its Control.....	5,000	2,600
No. 480. Solid Stream Spraying Against the Gipsy Moth and Brown Tail Moth in New England.....	3,000	2,320
No. 484. Control of the Gipsy Moth by Forest Management.....	3,000	3,000
No. 489. A Survey of Beekeeping in North Carolina.....	3,000	3,000
No. 491. The Melon Flea in Hawaii.....	3,000	2,020
No. 513. Fumigation of Ornamental Greenhouse Plants with Hydrocyanic Acid Gas.....	5,000	4,510
No. 535. The Horse Radish Flea Beetle, Its Life History and Distribution.....	3,000	1,910
Total.....	116,500	105,555

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

STATES RELATIONS SERVICE.

Title.	Copies received.	Copies distributed.
Annual Report of Bureau:		
1911.....		5
1912.....	2,500	10
Report of the Director, 1916.		2,425
Bulletins:		
No. 86. The Use of Water in Irrigation.....	100	—
No. 140. Acquirements of Water Rights in the Arkansas Valley, etc.....	260	10
No. 149. Studies on the Food of Maine Lumberman.....		45
No. 150. Dietary Studies at the Government Hospital for the Insane, Washington, D. C.....		125
No. 152. Dietary Studies with Harvard University Students.....		50
No. 196. Proceedings of the Twenty-first Annual Convention of Association of American Agricultural College and Experiment Station, Lansing, Mich., 1907.....		—
No. 201. Cost of Pumping from Wells for the Irrigation of Rice in Louisiana and Arkansas.....		—
No. 205. Irrigation in Wyoming.....		115
No. 214. Irrigation in the State of Washington.....		—
No. 215. Irrigation in New Mexico.....		25
No. 218. Irrigation in Colorado.....		50
No. 222. Irrigation in Texas.....		25
No. 234. Report Upon the Reclamation of Overflowed Lands in the Marias des Cygnes Valley, Kans.....		90
No. 239. Irrigation in San Joaquin Valley, Cal.....	110	—
No. 240. Tidal Marshes and Their Reclamation.....		75
No. 244. Report on the Belzoni Drainage District in Washington County, Miss.....		40
No. 246. A Report upon the Back Swamp and Jacob Swamps Drainage District, Roberson County, N. C.....		—
No. 249. Storage of Water for Irrigation Purposes. Part I. Earth-Fill Dams and Hydraulic-Fill Dams.....	835	—
No. 254. Irrigation Resources of California and Their Utilization.....		—
Circulars:		
No. 104. A Preliminary Report on the Drainage of the Fifth Louisiana Levee District Comprising the Parishes of East Carroll, Madison, Tensas, and Concordia.....		70
No. 113. Drainage of the Wet Laundry, Effingham County, Ga.....		95
No. 118. The Work of the Agricultural College in Training Teachers of Agriculture for Secondary School.....		—
Insular Publications:		
Alaska Agricultural Experiment Station—		
Annual Report, 1915.....	6,000	6,000
No. 1. Information for Prospective Settlers in Alaska.....	5,000	4,820
Guam Agricultural Experiment Station—		
Annual Report, 1915.....	3,000	3,000
Hawaii Agricultural Experiment Station—		
Annual Report—		
1915.....		5,600
1916.....	6,000	5,735
Bulletins—		
No. 9. Citrus Fruits in Hawaii.....	1,000	1,000
No. 12. The Mango in Hawaii.....	1,000	1,000
No. 39. The Biochemical Decomposition of Nitrogenous Substances in Soils.....		—
No. 40. The Soils of the Hawaiian Islands.....		85
No. 41. Phosphate Fertilizers for Hawaiian Soils and Their Availability.....	6,000	5,900
No. 42. Composition of Hawaiian Soils Particles.....	6,000	6,000
No. 43. Chemical Studies of the Efficiency of Legumes as Green Manures in Hawaii.....	6,000	6,000
Porto Rico Agricultural Experiment Station—		
Annual Report, 1915.....	6,000	5,865
Bulletins—		
No. 2. The Chang, or Mole Cricket, in Porto Rico.....	500	500
No. 4. Propagation and Marketing of Oranges in Porto Rico.....	1,000	1,000
No. 7. Vegetable Growing in Porto Rico.....	2,000	2,000
No. 8. Pineapple Growing in Porto Rico.....	2,000	2,000
No. 17. Eufermedades Del Cafe Causadas Por Hongos in Puerto Rico (Spanish edition).....	3,000	3,000
No. 18. Experiments Con Aboro En Arboles Del Generis Citrus En Puerto Rico (Spanish edition).....	3,200	3,125
No. 19. Clover Crops for Porto Rico.....		—
No. 20. Experiment on the Supposed Deterioration of Varieties of Vegetables in Porto Rico with Suggestions for Seed Preservation.....	6,000	5,700
No. 21. Some Profitable and Unprofitable Coffee Lands.....	6,000	5,700
No. 22. Effect of Different Methods of Transplanting.....	4,000	3,900
Philippine Bureau of Agriculture—		
Farmers' Bulletin—		
No. 2. Cocoa Culture in Philippines.....		—

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

STATES RELATIONS SERVICE—Continued.

Title.	Copies received.	Copies distributed.
Separates:		
(1394) Development of Methods of Draining Irrigated Lands. (Reprint from O. E. S. Annual Report, 1910).....	750	.....
(1506) Progress in Agricultural Education in 1911. (Reprint from O. S. Annual Report, 1911).....	245	.....
(1507) Farmers' Institutes in the United States. (Reprint from O. S. Annual Report 1911).....		
Miscellaneous publications:		
Federal Legislation, Regulations and Rulings Affecting Agricultural Colleges and Experiment Stations (revised to Oct. 15, 1915).....		
Same. Revised to July, 1916.....	1,500	1,500
How Teachers in Rural Elementary Schools May Use a Soil Survey.....	7,000	6,930
List of Workers in Subject Pertaining to Agriculture and Home Economics in the United States. Department of Agriculture and in the State Agricultural Colleges and Experiment Stations (corrected to Nov. 1, 1915).....		800
Same. (Corrected to Jan. 1, 1917).....	5,000	5,000
A Report on the Work and Expenditures of the Agricultural Experiment Stations During the Year Ended June 30, 1913		5
Same. Year Ended June 30, 1914.....	4,500	3,600
A Report on the Receipts, Expenditures, and Results of Cooperative Extension Work in Agriculture and Home Economics in the United States during the Fiscal Year Ended June 30, 1915	4,500	3,435
A Report on Agricultural Experiment Stations and Cooperative Agricultural Extension Work in the United States for the year ended June 30, 1915	1,000	740
Contents and Index of Volumes on Domestic Science.....	100	100
A 77. Farm Manures and Fertilizers		180
Address List of Agricultural Experiment Stations in the United States.....	1,000	1,000
Address List of Agricultural and Mechanical Colleges in the United States.....	600	600
Status and Results of County Agricultural Agent Work in the Northern and Western States, 1915.....	80,000	80,000
The Production of Cotton Under Boll Weevil Conditions.....	100,000	100,000
Canning Windfall and Cull Apples.....	25,000	25,000
Common Home Canning Difficulties.....	50,000	50,000
Office Filing System for County Agricultural Agents.....	2,500	2,500
Home Canning Clubs, Aprons and Caps.....	25,000	25,000
Secondary School Agriculture, Farm Records and Accounts.....	5,000	5,000
Peppers.....	25,000	25,000
Cooperative Agricultural Extension Work; Organization and Finances.....	7,000	7,000
Secondary School Agriculture, Agricultural Exhibits and Contests.....	5,000	5,000
Soy Beans in the Cotton Belt.....	100,000	100,000
Velvet Beans.....	100,000	100,000
Peanut Growing in the Cotton.....	100,000	100,000
Seeds and Plants for Home Garden Supply. Food for a Family of Four Persons.....	50,000	50,000
Plant A Garden.....	150,000	150,000
Vegetables to Grow and How to Grow Them.....	100,000	100,000
An Effective Method of Preventing the Erosion of Hill Lands.....	100,000	100,000
Food Requirements of the Human Body.....	17,850	17,850
Canning, Preserving, and Pickling.....	150,000	150,000
Canning Demonstrators.....	10,000	10,000
Home Canning Instructions.....	50,000	50,000
Additional Recipes, N. R. 25, Dec. 12.....	150,000	150,000
Recipes for Canned Vegetables.....	25,000	25,000
Instructions to Save Fruit and Vegetable Waste.....	2,000	250,000
Tinning, Canning, and Soldering Cans.....	50,000	50,000
Agricultural Education Monthly:		
Volume 2—		
No. 6. Teaching Corn Production in Secondary Schools.....	4,000	4,000
No. 7. Teaching Swing Judging in Secondary Schools.....	4,000	4,000
No. 8. Poultry Management: Suggestions for Teaching the Subject in Secondary Schools.....	4,000	4,000
No. 9. Blackberry and Dewberry Culture.....	4,000	4,000
Farm Demonstration Monthly:		
No. 20.....	900	900
No. 21.....	900	900
No. 22.....	1,000	1,000
No. 23.....	1,200	1,200
No. 24.....	1,000	1,000
No. 25.....	1,000	1,000
No. 26.....	1,000	1,000
Farmers' Institute lectures:		
No. 17. Syllabus of Illustrated Lecture on the Production of Poultry and Eggs on the Farm.....	2,000	2,000
No. 19. Syllabus of Illustrated Lecture on How to Make Good Farm Butter.....	2,000	2,000
No. 20. Syllabus of Illustrated Lecture on Production of Alfalfa East of Ninety-fifth Meridian.....	2,000	2,000
No. 21. Syllabus of Illustrated Lecture on Corn Production.....	2,000	2,000

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

STATES RELATIONS SERVICE—Continued.

Title.	Copies received.	Copies distributed.
Farmers' institute lectures—Continued.		
No. 22. Syllabus of Illustrated Lecture on Cattle Tick Eradication	2,000	2,000
No. 23. Syllabus of Illustrated Lecture on Orchard Management	2,000	2,000
No. 24. Syllabus of Illustrated Lecture on Leguminous Forage Crops for the South.....	2,000	2,000
No. 25. Syllabus of Illustrated Lecture on Leguminous Forage Crops for the North.....	2,000	2,000
No. 26. Syllabus of Illustrated Lecture on Sweet Potatoes.....	2,000	2,000
No. 27. Syllabus of Illustrated Lecture on Farm Vegetable Garden.....	2,000	2,000
No. 27. Syllabus of Illustrated Lecture on Practical Improvement of Farm Ground.....	2,000	2,000
No. 29. Syllabus of Illustrated Lecture on Public Road Improvement.....	2,000	2,000
Experiment Station Record:		
Volume 6—		
No. 3.....		
Volume 14—	30	
No. 5.....		
No. 6.....		
No. 7.....		
No. 9.....		
No. 11.....		
No. 12.....		
Volume 15—		
No. 7.....		
No. 8.....		
No. 10.....		
Volume 16—		
No. 1.....		
Volume 18—		
No. 1.....		
No. 2.....		
No. 4.....		
No. 5.....		
No. 12.....		
Volume 19—		5
No. 1.....		
No. 2.....		
No. 4.....		
No. 5.....		
No. 6.....		
No. 7.....		
No. 8.....		
No. 10.....		
No. 11.....		
No. 12.....		
Name index.....		
Subject index.....		
Volume 20—		
No. 1.....		
No. 2.....		
No. 3.....		
No. 4.....		
No. 5.....		
No. 6.....		
No. 7.....		
No. 9.....		
No. 10.....		
No. 11.....		
No. 12.....		
Name index.....		
Subject index.....		
Volume 21—		
No. 1.....		
No. 2.....		
No. 3.....		
No. 4.....		
No. 5.....		
No. 6.....		
No. 7.....		
No. 8.....		
Index numbers.....		
Volume 22—		
No. 1.....		
No. 2.....		
No. 3.....		
No. 4.....		
No. 5.....		
No. 6.....		
No. 7.....		
No. 8.....		

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

STATES RELATIONS SERVICE—Continued.

Title.	Copies received.	Copies distributed.
Experiment Station Record—Continued.		
Volume 23—		
No. 1.....		
No. 2.....		
No. 3.....		
No. 4.....		
No. 5.....		
No. 6.....		
No. 7.....		
No. 8.....		
Index number.....		
Volume 24—		
No. 1.....		
No. 2.....		
No. 3.....		
No. 4.....		
No. 5.....		
No. 6.....		
No. 7.....		
No. 8.....		
Index number.....		200
Volume 25—		
No. 1.....		
No. 2.....		
No. 3.....		
No. 4.....		
No. 5.....		
No. 6.....		
No. 7.....		
No. 8.....		
No. 9.....		
Index number.....		
Volume 26—		
No. 1.....		
No. 2.....	65	10
No. 3.....	45	
No. 4.....	45	
No. 5.....		
No. 6.....	120	
No. 7.....		
No. 8.....		430
No. 9.....		
Index number.....		
Volume 27—		
No. 1.....		
No. 2.....		
No. 3.....		
No. 4.....		
No. 5.....		
No. 7.....		
No. 8.....		
Index number.....	25	
Volume 28—		
No. 2.....	220	
No. 3.....	175	
No. 4.....	195	
No. 5.....	40	
No. 6.....	40	
No. 7.....	35	
No. 8.....	35	
No. 9.....	35	
Index number.....	20	
Volume 29—		
No. 1.....	35	
No. 2.....		
No. 3.....	30	
No. 4.....	30	
No. 5.....	35	
No. 6.....	140	
No. 7.....	30	
No. 8.....	35	
No. 9.....		
Index number.....	40	
Volume 30—		
No. 1.....	30	
No. 2.....	45	
No. 3.....	50	
No. 4.....	40	

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

STATES RELATIONS SERVICE—Continued.

Title.	Copies received.	Copies distributed
Experiment Station Record—Continued.		
Volume 30—Continued.		
No. 5.....	50	
No. 6.....	45	
No. 7.....	305	
No. 8.....	280	
No. 9.....	40	
Index number.....	50	
Volume 31—		
No. 1.....	30	
No. 2.....		
No. 3.....	40	
No. 4.....	50	
No. 5.....	45	
No. 6.....	50	
No. 7.....	50	
No. 8.....	50	
No. 9.....	45	
Index number.....	50	
Volume 32—		
No. 1.....	40	
No. 2.....	50	
No. 3.....	30	
No. 4.....	35	
No. 5.....	60	
No. 6.....	60	
No. 7.....	65	
No. 8.....	55	
No. 9.....	50	
Index number.....	50	
Volume 33—		
No. 1.....	100	
No. 2.....	65	
No. 3.....	65	
No. 4.....	60	
No. 5.....	70	
No. 6.....	70	
No. 7.....	60	
No. 8.....	75	
No. 9.....	75	
Index Number.....	55	
Volume 34—		
No. 1.....	50	
No. 2.....	50	
No. 3.....		
No. 4.....	40	
No. 5.....	30	
No. 6.....	25	
No. 7.....		
No. 8.....	105	
No. 9.....	7,500	7,280
Index number.....	7,500	7,370
	7,500	6,750
Volume 35—		
No. 1.....	7,500	7,400
No. 2.....	7,500	7,500
No. 3.....	7,500	6,800
No. 4.....	7,500	6,715
No. 5.....	7,500	6,800
No. 6.....	7,500	7,050
No. 7.....	7,500	7,000
No. 8.....	7,500	7,025
No. 9.....	7,500	7,000
Index number.....	7,500	7,180
Volume 36—		
No. 1.....	7,500	7,115
No. 2.....	7,500	7,115
No. 3.....	7,500	7,170
No. 4.....	7,500	7,200
No. 5.....	7,500	7,200
No. 6.....	7,500	7,210
No. 7.....	7,500	7,225
No. 8.....	7,500	7,175
Department bulletins (contributed by States Relations Service):		
No. 10. Progress Report of Cooperative Irrigation Experiments at the California University Farm, Davis, Cal.....		60
No. 70. The Wet Lands of Louisiana and Their Drainage.....		400
No. 83. Farmers Institution and Agricultural Extension Work in the United States in 1913.....		115
No. 114. Report Upon the Black and Boggy Swamps Drainage District, Hampton and Jasper Counties, S. C.....		25

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

STATES RELATIONS SERVICE—Continued.

Title.	Copies received.	Copies distributed.
Department bulletins—Continued.		
No. 123. Extension Course in Vegetable Foods.....		100
No. 132. Correlating Agriculture with the Public School Subjects in the Southern States.....	5,000	2,915
No. 155. Wood Pipe for Conveying Water for Irrigation.....		230
No. 181. Report of the Methods and Cost of Reclaiming the Overflowed Lands Along the Black River, Miss.....		90
No. 190. The Drainage of Irrigated Lands.....		435
No. 193. The Drainage of Jefferson County, Tex.....		110
No. 198. Report upon the Cypress Creek Drainage District, Dasha and Chicot Counties, Ark.....		245
No. 258. Lessons in Elementary Agriculture for Alabama Schools.....		310
No. 269. Farmers Institute Work in the United States in 1914 and Notes on Agriculture.....		160
No. 281. Correlating Agriculture with Public School Subjects in Northern States.....		1,305
No. 355. Extension Course in Soils.....		65
No. 385. School Credit for Home Practice in Agriculture.....	12,000	8,920
No. 434. Judging the Dairy Cow as a Subject of Instruction in Secondary Schools.....		
No. 449. A Study of Electrolytic of Silver Cleaning.....	11,000	11,000
No. 464. Lessons on Poultry for Rural Schools.....	13,000	13,000
No. 467. The Food Value and Uses of Poultry.....	15,000	15,000
No. 488. Potatoes, Sweet Potatoes, and other Starchy Roots as Food.....	9,000	9,000
No. 469. Fats and Economical Use in the Home.....	10,000	10,000
No. 470. The Digestibility of the Gram Sorghums.....	10,000	10,000
No. 471. Eggs and Their Value as Food.....	5,000	4,625
No. 487. Judging Horses as a Subject of Instruction in Secondary Schools.....	6,000	6,000
No. 503. Turnips, Beets, and Other Succulent Roots and Their Use as Food.....	12,000	12,000
No. 505. Digestibility of Some Vegetables.....	5,000	5,000
No. 507. Studies on the Digestibility of Some Animal Fats.....	5,500	5,500
No. 521. Courses in Secondary Agriculture for Southern Schools.....	5,000	3,410
No. 525. Experiments in Determination of the Digestibility of Millets.....	5,000	4,400
Total.....	2,173,885	2,159,270

FOREST SERVICE.

Report of the Forester, 1916.....	2,500	2,500
Bulletins:		
No. 53. Chestnut in Southern Maryland.....		50
No. 92. Light in Relation to Tree-Growth.....		210
No. 103. Distinguishing Characteristics of North American Gum Wood.....		
No. 104. Principles of Drying Lumber at Atmospheric Pressure and Humidity Diagram.....	105	15
No. 105. Wood Turpentine, Their Analysis, Refining, and Composition.....		50
No. 107. The Preservation of Mine Timbers.....		25
No. 110. The Specific Heat of Wood.....	50	
No. 112. Fire-Killed Douglas Fir.....		20
No. 115. Mechanical Properties of Western Hemlock.....		
No. 116. Possibilities of Western Pines as a Source of Naval Stores.....		
No. 118. Prolonging the Life of Cross Ties.....		25
No. 121. Forestation of the Sandhills of Nebraska and Arkansas.....		
No. 122. Mechanical Properties of Western Larch.....		45
No. 123. Bibliography of the Pulp and Paper Industries.....	75	
Circulars:		
No. 37. Forest Planting in the Sand-hill Region of Nebraska.....		30
No. 38. Instructions to Engineers of Timber Tests.....		100
No. 40. Utilizations of Lupels.....		85
No. 41. Forest Planting on the Coal Lands in Western Pennsylvania.....	140	
No. 59. Eucalyptus.....		
No. 60. Red Pine.....		
No. 61. How to Transplant Forest Trees.....	110	320
No. 67. White Pine.....		
No. 75. Hackberry.....		
No. 89. Tamarack.....		85
No. 90. Osage Orange.....		
No. 92. Green Ash.....		
No. 102. Production of Red Cedar for Pencil Wood.....		70
No. 105. White Oak in the Southern Appalachians.....		
No. 109. Forest Planting in the North Platte and South Platte Valleys.....		
No. 113. Use of Dead Timber on the National Forests.....		
No. 127. Forest Tables—Western Yellow Pine.....		70
No. 128. Preservation of Piling Against Marine Wood Borers.....	40	80
No. 134. Estimation of Moisture in Creosoted Wood.....		
No. 135. Chestnut Oak in the Southern Appalachians.....	95	
No. 137. Consumption of Poles in 1906.....		50
No. 148. Practical Results in Basket Willow Culture.....		

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

FOREST SERVICE—Continued.

Title.	Copies received.	Copies distributed.
Circulars—Continued.		
No. 158. Revegetation of Overgrazed Range Areas.....		
No. 160. Coyote-Proof Pasture Experiment.....		25
No. 167. The Status of Forestry in the United States.....		60
No. 174. Reproduction of Western Yellow Pine in the Southwest.....		
No. 183. Loblolly Pine.....		
No. 184. Fustic Wood; Its Substitutes and Adulterants.....		
No. 187. Manufacture and Utilization of Hickory, 1911.....		
No. 191. Modification of the Sulphurion Test of Creosote.....		
No. 193. Mechanical Properties of Redwood.....		60
No. 195. Forest Planting in the Northeastern and Lake States.....		
No. 196. Influence of Age and Condition of the Tree upon Seed Production in Western Yellow Pine.....	245	
No. 198. Condition of Experimental Chestnut Poles in the Warren-Buffalo and Poughkeepsie-Newton Square Lines after 5 and 8 years Service.....		
No. 200. Absorption of Creosote by Cell Walls of Wood.....		
No. 202. Quebracho Wood and Its Substitutes.....		
No. 204. Strength Tests of Cross Arms.....		100
No. 205. Forest Fire Protection Under the Weeks Law in Cooperation with States.....		
No. 207. The Profession of Forestry.....	3,000	2,305
No. 215. Pith-Ray Flecks in Wood.....		50
Miscellaneous publications:		
Experiments With Jack Pine and Hemlock for Mechanical Pulp.....	50	
Forest Fire Protection by the States.....	140	
The Use Book 1915.....		1,070
Forest Tree Diseases Common in California and Nevada.....	880	100
Production of Lumber, Lath, and Shingles in 1915.....	13,000	13,000
State Forestry Laws of New Hampshire.....	500	500
Review of Forest Service Investigation, Vol. 1.....		
Review of Forest Service Investigations, Vol. 2.....		
Field program:		
July, 1916.....	3,800	3,800
October, 1916.....	3,800	3,800
January, 1917.....	3,700	3,700
April, 1917.....	3,700	3,700
Department bulletins (contributed by the Forest Service):		
No. 11. Forest Management of Loblolly Pine in Delaware, Maryland, and Virginia.....		
No. 24. Cottonwood in the Mississippi Valley.....		155
No. 34. Range Improvement by Deferred and Rotation Grazing.....		120
No. 55. Balsam fir.....		380
No. 67. Tests of Rocky Mountain Woods for Telephone Poles.....		740
No. 72. Suitability of Long-leaf Pine for Paper Pulp.....		50
No. 77. Rocky Mountain Mine Timbers.....		130
No. 80. Effect of Varying Certain Cooking Conditions in Producing Soda Pulp from Aspen.....		100
No. 86. Tests of Wooden Barrels.....		60
No. 87. Flumes and fluming.....		10
No. 101. Relative Resistance of Various Conifers to Injection with Creosote.....		115
No. 129. Yields from the Destructive Distillation of Certain Hardwoods.....		60
No. 139. Norway Pine in the Lake States.....		75
No. 152. The Eastern Hemlock.....		60
No. 153. Forest Planting in the Eastern United States.....		150
No. 154. The Life History of Ledgepole Pine in the Rocky Mountains.....		275
No. 207. The Cypress and Juniper Trees of the Rocky Mountain Regions.....		165
No. 210. Seed Production of Western White Pine.....		215
No. 229. The Naval Stores Industry.....	235	75
No. 232. The Production of Lumber in 1913.....		385
No. 234. Utilization and Management of Ledgepole Pine in the Rocky Mountains.....		
No. 244. Life History of Shortleaf Pine.....		180
No. 272. Southern Cypress.....		155
No. 285. Northern Hardwood Forest: Its Composition, Growth, and Management.....		215
No. 286. Strength Tests of Structural Timber Treated by Commercial Wood Preserving Processes.....		940
No. 299. The Ash Species, Characteristics and Management.....		100
No. 308. Shortleaf Pine: Its Economic Importance and Forest Management.....		105
No. 327. Spruce and Balsam Fir Trees of the Rocky Mountain Region.....		35
No. 354. Forest of Porto Rico.....	1,000	265
No. 364. Forest Conservation for States in the Southern Pine Region.....		1,000
No. 426. Sugar Pine.....		2,175
No. 440. Lumbering in the Sugar and Yellow Pine Regions in California.....	17,000	14,300
No. 460. The Pine Trees of the Rocky Mountain Region.....	15,000	6,360
No. 474. True Mahogany.....	6,000	3,400
No. 475. Reforestation on the National Forests.....	8,000	7,815
No. 479. Nursery Practice on the National Forests.....	9,000	3,000
No. 481. The Status and Value of Farm Wood Lots in the Eastern United States.....	7,000	5,615
	8,000	2,000

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

FOREST SERVICE—Continued.

Title.	Copies received.	Copies distributed.
Department bulletins—Continued.		
No. 497. Tests of Western Yellow Pine Car Sills, Joists, and Small Clear Pieces.....	5,000	4,800
No. 506. Production of Lumber, Lath, and Shingles in 1915.....	13,000	11,880
No. 508. Yields from the Destructive Distillation of Certain Hardwoods, Second Progress Report.....	6,000	5,800
No. 509. The Theory of Drying and Its Application to the New Humidity Regulated and Recirculating Dry Kiln.....	5,000	4,400
No. 519. Poles Purchased in 1915.....	5,000	3,840
No. 523. Utilization of Ash.....	10,000	1,600
No. 549. Crossties Purchased and Treated in 1915.....	5,000	3,500
Total.....	156,165	122,900

LIBRARY.

Report of the Librarian, 1916.....	500	500
Bulletins:		
No. 5. Accessions to the Department Library, November to December, 1894.....	-----	25
No. 16. References to the Literature of the Sugar Beet, Exclusive of Works in Foreign Languages.....	-----	50
No. 32. Accessions to the Department Library, April-June, 1900.....	-----	25
No. 34. Accessions to the Department Library, October-December, 1900.....	-----	25
No. 45. Accessions to the Department Library, October-December, 1902.....	-----	25
No. 46. Accessions to the Department Library, January-March, 1903.....	-----	25
No. 49. Accessions to the Department Library, October-December, 1903.....	-----	25
No. 50. Accessions to the Department Library, January-March, 1903.....	-----	25
No. 55. Catalogue of Publications Relating to Entomology in the Library, United States Department of Agriculture.....	-----	15
No. 60. Accessions to the Department Library, April-June, 1906.....	-----	25
No. 61. Accessions to the Department Library, July-April, 1906.....	-----	25
No. 67. Accessions to the Department Library, January-March, 1908.....	-----	25
No. 68. Accessions to the Department Library, April-June, 1908.....	-----	25
No. 69. Accessions to the Department Library, July-September, 1908.....	-----	25
No. 70. Accessions to the Department Library, October-December, 1908.....	-----	25
No. 71. Accessions to the Department Library, January-March, 1909.....	-----	25
No. 72. Accessions to the Department Library, April-June, 1909.....	-----	25
No. 73. Accessions to the Department Library, July-September, 1909.....	-----	25
No. 74. Accessions to the Department Library, October-December, 1909.....	-----	25
Monthly bulletins:		
Volume 1—		
No. 3. March, 1910.....	-----	25
No. 4. April, 1910.....	-----	25
No. 5. May, 1910.....	-----	25
No. 6. June, 1910.....	-----	25
No. 7. July, 1910.....	-----	25
No. 8. August, 1910.....	-----	25
No. 9. September, 1910.....	-----	25
No. 10. October, 1910.....	-----	25
No. 11. November, 1910.....	-----	25
No. 12. December, 1910.....	-----	25
Volume 2—		
No. 1. January, 1911.....	-----	25
No. 2. February, 1911.....	-----	25
No. 3. March, 1911.....	-----	25
No. 4. April, 1911.....	-----	25
No. 5. May, 1911.....	-----	25
No. 6. June, 1911.....	-----	25
No. 7. July, 1911.....	-----	25
No. 10. October, 1911.....	-----	25
No. 11. November, 1911.....	-----	25
No. 12. December, 1911.....	-----	25
Contents and index.....	-----	25
Volume 3—		
No. 1. January, 1912.....	-----	25
No. 2. February, 1912.....	-----	25
No. 3. March, 1912.....	-----	25
No. 4. April, 1912.....	-----	25
No. 5. May, 1912.....	-----	25
No. 6. June, 1912.....	-----	25
No. 9. September, 1912.....	-----	25
Contents and index.....	-----	50
Volume 4—		
No. 1. January, 1913.....	-----	25
No. 4. April, 1913.....	-----	25
Total.....	500	1,790

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

OFFICE OF MARKETS AND RURAL ORGANIZATION.

Title.	Copies received.	Copies distributed.
Report of the Chief, 1916.....	2,500	2,500
Miscellaneous publications:		
Work of the Office of Markets and Rural Organization.....		2,020
Lumber Accounting and Opening of the Books in Country Grain Elevators.....		80
Gin and Grade Your Cotton (poster).....	27,000	27,000
Results of a Survey of State Marketing Activities Throughout the United States.....	4,000	4,000
Preliminary Report on Apple-Packing Houses in the Northwest.....	10,000	7,400
Service and Regulatory Announcements:		
No. 1. Jan. 19, 1915.....		500
No. 2. Feb. 13, 1915.....		500
No. 3. Mar. 2, 1915.....		500
No. 4. Apr. 17, 1915.....		500
No. 5. Aug. 11, 1915.....		500
No. 6. Jan. 24, 1916.....		500
No. 7. Mar. 17, 1916.....		515
No. 8. Apr. 15, 1916.....		505
No. 9. Apr. 29, 1916.....		500
No. 10. Sept. 1, 1916.....	26,000	26,000
No. 11. Sept. 1, 1916.....	27,500	27,500
No. 12. Oct. 14, 1916.....	35,000	31,570
No. 13. Oct. 19, 1916.....	35,000	34,480
No. 14. Nov. 20, 1916.....	40,000	37,125
No. 15. Dec. 6, 1916.....	40,000	36,950
No. 16. Dec. 18, 1916.....	22,000	18,870
No. 17. Dec. 21, 1916.....	35,000	32,115
No. 18. Jan. 27, 1917.....	35,000	31,700
No. 19. Feb. 6, 1917.....	36,500	36,500
No. 20. Feb. 7, 1917.....	20,000	16,360
No. 21. Mar. 28, 1917.....	15,000	6,150
No. 22. Mar. 31, 1917.....	45,000	44,500
Department Bulletins (contributed by the Office of Markets and Rural Organization):		
No. 36. Studies in Primary Cotton Market Conditions in Oklahoma.....		170
No. 121. Spinning Tests of Upland Long-Staple Cotton.....		400
No. 146. Economic Conditions in the Sea Island Cotton Industry.....		250
No. 178. Cooperative Organization Business Methods.....		2,015
No. 216. Cotton Warehouses: Storage Facilities now Available in the South.....		685
No. 236. A System of Accounts for Farmers Cooperative Elevators.....		2,040
No. 237. Strawberry Supply and Distribution in 1914.....	15,000	1,600
No. 266. Outlets and Methods of Sale for Shippers of Fruit and Vegetables.....		1,750
No. 267. Methods of Wholesale Distribution of Fruits and Vegetables in Large Markets.....		1,985
No. 277. Cotton Warehouse Construction.....		170
No. 290. Rail Shipments and Distribution of Fresh Tomatoes.....		510
No. 298. Peach Supply and Distribution in 1914.....	2,000	675
No. 302. Apple Market Investigations, 1914-15.....	1,500	1,115
No. 311. Handling and Marketing of the Arizona Egyptian Cotton of the Salt River Valley.....		865
No. 315. Cantaloupe Marketing in the Larger Cities with Car-Lot Supply, 1914.....	150	-----
No. 359. Comparative Skinning Tests of the Different Grades of Arizona Egyptian with Sea Island and Sakellaridis Egyptian Cottons.....		315
No. 362. A System of Accounts for Primary Grain Elevators.....		9,150
No. 366. Manufacturing Tests of Cotton Fumigated with Hydrocyanic Acid Gas.....		200
No. 371. Patronage Dividends in Cooperative Grain Companies.....		1,445
No. 375. Disadvantages of Selling Cotton in the Seed.....	23,000	17,200
No. 381. A System of Records and Accounts for Cooperative Stores.....	8,500	8,500
No. 384. Costs and Sources of Farm Mortgage Loans in the United States.....	17,200	17,200
No. 394. A Survey of Typical Cooperative Stores in the United States.....	18,000	16,050
No. 401. Marketing and Distribution of Western Muskmelons in 1915.....	17,000	16,810
No. 403. A System of Accounts for Live-stock Shipping Association.....	10,000	4,150
No. 409. Factors Affecting Interest Rates and Other Charges in Short-time Loans.....	20,000	15,670
No. 456. Marketing Creamery Butter.....	15,000	10,050
No. 457. Relative Between Primary Market Prices and Qualities of Cotton.....	30,000	26,760
No. 458. Handling and Marketing Durango Cotton in Imperial Valley.....	10,000	8,300
No. 476. Cotton Market Conditions in North Carolina.....	22,000	11,635
No. 477. Marketing and Distribution of Strawberries in 1915.....	20,000	12,225
No. 520. A System of Accounts for Cotton Warehouses.....	10,000	2,450
No. 530. The Organization and Management of a Farmers Mutual Fire Insurance Company.....	13,000	6,120
Total.....	707,850	624,800

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF PLANT INDUSTRY.

Title.	Copies received.	Copies distributed.
Report of the Chief:		
1914.....		25
1915.....		
1916.....	2,500	2,500
Bulletins:		
No. 100. Miscellaneous Papers: Part 7. The Effect of Copper Upon Water Bacteria.....		
No. 211. Bacteriological Studies of the Soils of Truckee-Carson Irrigation Projects.....		
No. 249. The Branching Habits of Egyptian Cotton.....		
No. 259. What is Farm Management.....		635
Circulars:		
No. 9. Texas Root Rot of Cotton, Field Experiments in 1917.....		
No. 32. Moisture Contents and Shrinkage in Grain.....		50
No. 40. A Simple Method of Detecting Sulphured Barley and Oats.....		65
No. 41. The South African Pipe Calabash.....		150
No. 44. Minor Articles of Farm Equipment.....		
No. 49. Improvement of Pastures in Eastern New York and New England States.....		
No. 66. Cotton Selection on the Farm by the Characters of the Stalks, Leaves, and Bolls.....		150
No. 72. Moisture Tester for Grain and Other Substances, and How to Use It.....		130
No. 80. Forage Crops for the Sand-Hill Section of Nebraska.....		
No. 86. Preliminary Report in the Klamath Marsh Experiment Farm.....		
No. 92. The Control of Cotton Wilt and Root Knot.....		
No. 98. Peanut Butter.....		90
No. 102. The Production of Hairy Vetch Seed.....		
No. 104. Special Contests for Corn-Club Work.....		1,625
No. 105. Experiments in the Control of Grape Anthranose.....		100
No. 110. Miscellaneous Papers: Grass Demonstrations in the South; Some Asiatic Actinidiæ, etc.....	230	50
No. 118. Farm Water Supply in Minnesota, Truckee-Carson Experiment Farm, Seeds, and Plants Imported During the Period from January 1 to March.....		50
No. 120. Miscellaneous Papers: Testing Cultures of Nodule-Forming Bacteria; Work of San Antonio Experiment Farm in 1912, etc.....		
No. 123. Miscellaneous Papers: Factors Affecting Production of Long-Staple Cotton, etc.....		
Separate reprints from circulars:		
From Circular 110—		
Some Asiatic Actinidiæ.....		
The Jack Bean and Sword Bean.....		
From Circular 111—		
Durango Cotton in the Imperial Valley.....		
From Circular 114—		
Experiments in Subsoiling at San Antonio.....		
From Circular 115—		
A New System of Cotton Culture.....		
Grasses for Canal Banks in Western South Dakota.....		
From Circular 118—		
The Abortion of Fruiting Branches in Cotton.....		
From Circular 119—		
The Work of the Belle Fourche Experiment Farm in 1912.....		
From Circular 120—		
The Work of the San Antonio Experiment Farm in 1912.....		
From Circular 121—		
The Work of the Huntley Experiment Farm in 1912.....		
From Circular 122—		
The Feterita; A New Variety of Sorghum.....		80
From Circular 123—		
Factors Affecting the Production of Long-Staple Cotton.....		
From Circular 124—		
Agriculture in the Yuma Reclamation Project.....		
From Circular 126—		
The Work of the Yuma Experiment Farm in 1912.....		
Directions for Collecting Plants.....		300
From Circular 129—		
The Present Status of Date Culture in the Southwestern States.....		130
From Circular 130—		
Cotton Problems in Louisiana.....		
Documents:		
No. 457. Agricultural Conditions in Southern Texas.....		
No. 644. A-74. The Corn Club.....		335
No. 803. Organization and Instruction in Boys Corn Club Work.....		20,655
No. 865. Demonstration Work in Boys and Girls Clubs in 1912.....	585	
No. 884. Potato Growing as a Club Work in the North and West.....		8,770
No. 1110. The Dasheen, A Root Crop for the South.....	2,000	2,000
No. 1130. Single Stalk Cotton Culture.....		

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Title.	Copies received.	Copies distributed.
Miscellaneous publications:		
Establishing the Swing Industry in the North Platte Reclamation Project.....		50
Crop Plants for Paper Making.....	13,500	13,500
Irrigated Pastures for Northern Reclamation Projects.....	3,000	2,665
A Lister Attachment for a Cotton Planter.....	8,000	8,000
Recipes for the Preparation of the Dasheen.....	3,000	2,560
Tests of Pima Egyptian Cotton in the Salt River Valley, Ariz.....	15,000	15,000
Distribution of Tulip and Narcissus Bulbs in 1916.....	120,000	120,000
Distribution of Cotton Seed in 1917.....	30,000	30,000
Economical Methods of Cutting Seed Potatoes.....		
The Work of the Scotts Bluff Reclamation Project Experiment Farm in 1913.....		50
The Work of the Scotts Bluff Reclamation Project Experiment Farm in 1914.....	2,500	1,700
The Work of the Scotts Bluff Reclamation Project Experiment Farm in 1915.....		50
The Work of the Yuma Reclamation Project Experiment Farm in 1913.....		50
The Work of the Yuma Reclamation Project Experiment Farm in 1914.....		50
The Work of the Yuma Reclamation Project Experiment Farm in 1915.....	2,500	1,900
The Work of the Belle Fourche Reclamation Project Experiment Farm in 1913.....		
The Work of the Belle Fourche Reclamation Project Experiment Farm in 1914.....		
The Work of the Belle Fourche Reclamation Project Experiment Farm in 1915.....	2,500	2,265
The Work of the Truckee-Carson Reclamation Project Experiment Farm in 1913.....		
The Work of the Truckee-Carson Reclamation Project Experiment Farm in 1914.....		
The Work of the Truckee-Carson Reclamation Project Experiment Farm in 1915.....	2,500	1,700
The Work of the Huntley Reclamation Project Experiment Farm in 1913.....		
The Work of the Huntley Reclamation Project Experiment Farm in 1914.....	2,500	1,700
The Work of the Huntley Reclamation Project Experiment Farm in 1915.....		
The Work of the Umatilla Reclamation Project Experiment Farm in 1913.....		100
The Work of the Umatilla Reclamation Project Experiment Farm in 1914.....		100
The Work of the San Antonio Reclamation Project Experiment Farm in 1913.....		
The Work of the San Antonio Reclamation Project Experiment Farm in 1914.....		100
The Work of the San Antonio Reclamation Project Experiment Farm in 1915.....	2,500	2,405
Inventory No. 36. Seeds and Plants Imported During the Period from July 1 to September 30, 1913 (Nos. 35667 to 36258).....		
Inventory No. 37. Seeds and Plants Imported During the Period from October 1 to December 3, 1913 (Nos. 36259 to 36936).....		
Service and Regulatory Announcements:		
No. 3. Joint Resolutions of the Secretary of the Treasury and Secretary of Agriculture under the Seed Importation Act Approved August 24, 1912, as Amended August 11, 1916 (2d rev.).....	7,000	7,000
Department Bulletins (contributed by the Bureau of Plant Industry):		
No. 6. The Agricultural Utilization of Acid Lands by Means of Acid Tolerant Crops.....		100
No. 16. The Culture of Flue-Cured Tobacco.....		135
No. 30. Cereal Investigations at the Nephi Substation.....		110
No. 32. An Example of Successful Farm Management in Southern New York.....		365
No. 33. Cereal Investigation at Dickinson, N. Dak.....		150
No. 35. Factors Governing the Successful Storage of California Table Grapes.....		155
No. 38. Seed Selection of Egyptian Cotton.....		205
No. 40. The Mosaic Disease of Tobacco.....		90
No. 41. A Farm Management Survey of Three Representative Areas in Indiana, Illinois, and Iowa.....		640
No. 47. Lessons for American Potato Growers from German Experiences.....		35
No. 48. The Shrinkage of Shelled Corn While in Cars in Transit.....		355
No. 50. Possible Agriculture Development in Alaska.....		110
No. 56. A Special Flask for the Rapid Determination of Water in Flour and Meal.....		
No. 60. The Relation of Cotton Buying to Cotton Growing.....		130
No. 63. Facts Governing the Successful Shipment of Oranges from Florida.....		200
No. 64. Potato Wilt Leaf Roll and Related Diseases.....		1,015
No. 79. Research Studies on the Curing of Leaf Tobacco.....		440
No. 81. The Potato Quarantine and the American Potato Industry.....		50
No. 84. Experiments with Udo, The Japanese Vegetable.....		840
No. 89. The Death of Chestnuts and Oaks Due to Armillaria Mellea.....		100
No. 91. Cost and Methods of Clearing Land in the Salt Lake States.....		240
No. 99. Tests of Selections from Hybrids and Commercial Varieties of Oats.....		50
No. 102. Acidity as a Factor in Determining the Degree of Soundness in Corn.....		295
No. 104. Thrips as Pollinators of Beet Flowers.....		225
No. 109. The Molds of Cigars and Their Prevention.....		15
No. 116. New Facts Concerning the White Pine Blister Rust.....		175
No. 117. Profits in Farming on Irrigated Areas in Utah Lake Valley.....		750
No. 119. Five Oriental Species of Beans.....		200
No. 120. Apple Powdery Mildew and Its Control in the Pajaro Valley.....		

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Title.	Copies received.	Copies distributed.
Department Bulletins—Continued.		
No. 125. Zygodenus or Death Camas.....		370
No. 127. Mycocyne Disease of Mushrooms and Its Control.....		110
No. 133. Experiments with Crops under Fall Irrigation at the Scottsbluff Reclamation Project Experiment Farm.....		
No. 135. Experiments in the Production of Crops on Alkali Lands on the Huntley Reclamation Project, Montana.....		75
No. 137. Some Distinction in our Cultivated Barleys with Reference to Their Use in Plant Breeding.....		100
No. 151. Experiments in Crop Production on Falen Land at San Antonio.....		
No. 157. Tillage and Rotation Experimental at Nephi, Utah.....		130
No. 162. Horticultural Experiments at the San Antonio Field Station South Texas.....		
No. 169. Injury by Disinfectants to Seed and Roots in Sandy Soils.....		110
No. 172. The Varieties of Plums Derived from Native American Species.....		120
No. 179. Native American Species of Prunes.....		160
No. 182. Agricultural Alcohol: Studies of Its Manufacture in Germany.....		60
No. 183. Morphology of the Barley Grain with Reference to Its Enzyme Secreting Areas.....		405
No. 188. The Importance of Thick Seeding in the Production of Milo in the San Antonio Region.....		35
No. 195. Potato Breeding and Selection.....		1,640
No. 199. Loss in Tonnage of Sugar Beets by Drying.....		150
No. 201. Native Pasture Grasses of the United States.....		465
No. 203. Field Studies of the Crown-Gall of Sugar Beets.....		465
No. 208. Yield of Native Prickly Pear in Southern Texas.....		
No. 209. Testing Grape Varieties in the Vinifera Regions of the United States.....		5,135
No. 211. Factors Affecting Range Management in New Mexico.....		420
No. 212. Observations on the Pathology of the Jack Pine.....		
No. 218. Oats in the Great Plains Area: Relation of Cultural Methods to Production.....		800
No. 219. Corn in the Great Plains Area: Relation of Cultural Methods of Production.....		750
No. 222. Barley in the Great Plains Area: Relation of Cultural Methods to Production.....		635
No. 223. Botanical Characters of the Leaves of the Date Palm Used in Distinguishing Cultivated Varieties.....		
No. 227. Toxicity Tests of Various Oils and Salts, Particularly Those Used in Wood Preservation.....		20
No. 242. Corn, Milo, and Kafir in the Southern Great Plains Area: Relation of Cultural Methods to Production.....		90
No. 247. A Disease of Pine Caused by Cronartium Pyriform.....		
No. 253. The Effect of Different Times of Plowing Small Grain Stubble in Eastern Colorado.....		70
No. 270. Cereal Experiments at Williston, N. Dak.....		905
No. 274. Factors Governing the Successful Shipments of Red Raspberries from the Puyallup Valley, Wash.....		405
No. 282. A Study of the Soft Resins in Sulphured and Unsulphured Hops in Cold and in Open Storage.....		250
No. 287. A Device for Sampling Grain, Seeds, and Other Material.....	20,000	925
No. 288. Cotton Ginning as a Factor in Cotton Seed Deterioration.....		350
No. 289. Red Clover Seed Production: Pollination Studies.....		170
No. 291. Breeding Millet and Sargo for Drought Resistance.....		400
No. 297. Cereal Investigation on the Belle Fourche Experiment Farm.....		95
No. 306. Some Effect of Selection on the Production of Alkaloids in Belladonna.....		150
No. 307. Tests of Corn Varieties on the Great Plains.....		1,375
No. 309. Zzacaton as a Paper-Making Material.....		180
No. 317. Larch Mistletoe: Some Economic Considerations of Its Injurious Effects.....		225
No. 322. Utilization of American Flax Straw in the Paper and Fiber-Board Industry.....		160
No. 323. Importance and Character of the Milled Rice Imported into the United States.....		275
No. 324. Community Production of Durango Cotton in the Imperial Valley.....		220
No. 330. The Milling of Rice and Its Mechanical and Chemical Effect Upon the Grain.....		240
No. 331. The Handling and Shipping of Fresh Cherries and Prunes from the Willamette Valley.....		200
No. 332. Community Production of Egyptian Cotton in the United States.....		175
No. 334. Direction for the Culture of the Blueberry.....	2,000	890
No. 336. Cereal Experiment in Maryland and Virginia.....		305
No. 350. Utilization of Cherry By-Products.....		205
No. 353. Moisture Content and Shrinkage of Forage.....		165
No. 357. Too Much Misrepresented Wheats: Alaska and Stoner, or Miracle Wheats.....		440
No. 360. Mistletoe Injury to Conifers in the Northwest.....		555
No. 368. Brown Rot of Prunes and Cherries in the Pacific Northwest.....	2,000	2,000

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Title.	Copies received.	Copies distributed.
Department Bulletins—Continued.		
No. 372. Commercial Production of Thymot from Herseimint.		1,040
No. 374. Intrinsic Value of Grain, Cottonseed, Flour, and Similar Products Based on the Dry-Matter Content.	42,000	33,280
No. 380. Endothia Paecifica and Related Species.	5,000	4,615
No. 383. New Sorghum Varieties for the Central and Southern Great Plains.	5,000	5,000
No. 395. Peach Scab and Its Control.	5,000	5,000
No. 397. The Grazing Industry of the Bluegrass Region.	5,000	5,000
No. 398. Cereal Experiments at the Judith Basin Substation.	6,000	4,225
No. 399. Commercial Production of Sweet Orange Oil from Waste Oranges, and a New Machine for Peeling Citrus Fruits.	4,000	4,000
No. 400. Experiments with Marquis Wheat.	7,500	5,720
No. 402. Cereal Experiment at the Akron Field Station, Akron, Colo.	6,500	4,815
No. 404. Hemp Hurds as Paper-Making Material.	7,000	3,940
No. 405. Lupines as Poisonous Plants.	6,500	5,300
No. 406. Distinguishing Characters of the Seed of Sudan Grass and Johnson Grass.	5,000	4,750
No. 428. Medicago Falcata, A Yellow-Flowered Alfalfa.	5,000	4,200
No. 430. Cereal Experiments on the Cheyenne Experiment Farm.	8,000	7,270
No. 439. The Soy Bean with Special Reference to Its Utilization for Oil, Cake, and Other Products.	13,000	13,000
No. 441. The Action of Manganese Under Acid and Neutral Soil Conditions.	5,000	4,800
No. 442. Possibility of the Commercial Production of Lemon Grass Oil in the United States.	5,000	4,340
No. 444. False Blossom of the Cultivated Cranberry.	5,000	5,000
No. 445. The Navel Orange of Balica with Notes on Some Little-Known Brazilian Fruits.	5,000	3,805
No. 447. Water Penetration in the Gumbo Soils of the Belle-Fourche Reclamation Project.	6,000	5,255
No. 450. Improvement of Ghirkha Spring Wheat in Yield and Quality.	7,000	6,650
No. 453. The Control of Damping-Off of Coniferous Seedlings.	8,500	8,065
No. 454. The Effect of Cultural and Climatic Conditions on the Yield and Quality of Peppermint Oil.	5,000	3,785
No. 455. The Drying for Milling Purposes of Damp and Garlicky Wheat.	15,000	13,300
No. 461. The Identification of Grasses by their Vegetative Characters.	7,500	7,500
No. 472. Improved Apparatus for Determining the Test Weight of Grain with a Standard Method for Making the Test.	34,000	19,515
No. 478. The Origin Characteristics and Quality of Humpback Wheat.	7,000	7,000
No. 485. Principal Apple Varieties: Estimates and Important Center of Production.	62,000	62,000
No. 486. Sugar Cane Culture for Sirup Production in the United States.	5,000	5,000
No. 488. Experiments in the Disposal of Irrigated Crops Through the Use of Hogs.	6,000	6,000
No. 490. A Preliminary Report on the Occurrence of Western Red Rot in <i>Pinus Ponderosa</i> .	9,000	7,320
No. 494. A Humidifier for Lemong Curing Rooms.	4,000	3,020
No. 496. Investigations on the Rotting of Slash in Arkansas.	9,000	7,055
No. 498. Experiments with Spring Cereals at the Eastern Oregon Dry Farming Substations, Moro, Oreg.	5,000	4,535
No. 499. The Mulched-Basis System of Irrigated Citrus Culture and Its Bearing on the Control of Mottle-Leaf.	5,000	4,860
No. 510. Timber Storage Conditions in the Eastern and Southern States, with Reference to Decay Problems.	6,000	4,565
No. 511. Farm Practice in the Cultivation of Cotton.	12,000	9,130
No. 516. Table of Equivalents for Converting Weights of Mechanical Separation into Percentages of the Sample Analyzed.	10,000	7,805
No. 522. Characteristics and Quality of Montana Grown Wheat.	15,000	11,560
No. 531. <i>Phizopus</i> Rot of Strawberries in Transit.	5,000	2,600
No. 533. Extension of Cotton Production in California.	3,000	2,475
No. 534. Apple Blotch and Its Control.	6,000	1,500
No. 546. Effect of Fall Irrigation on Crop Yields at Belle Fourche, S. Dak.	4,000	1,500
Journal of Agricultural Research:		
Volume 1—		
No. 1.		25
No. 2.		65
No. 3.		40
No. 4.		40
No. 5.		40
No. 6.		40
Volume 2—		
No. 1.		35
No. 2.		30
No. 3.		25
No. 4.		25
No. 5.		35
No. 6.		40

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Title.	Copies received.	Copies distributed.
Journal of Agricultural Research—Continued.		
Volume 3—		
No. 1.....		35
No. 2.....		50
No. 3.....		35
No. 4.....		40
No. 5.....		30
No. 6.....		35
Volume 4—		
No. 1.....		40
No. 2.....		25
No. 3.....		75
No. 4.....		40
No. 5.....		35
No. 6.....		40
Volume 5—		
No. 1.....		15
No. 2.....		15
No. 3.....		75
No. 4.....		
No. 5.....	210	5
No. 6.....	30	
No. 7.....		
No. 8.....		
No. 9.....		10
No. 10.....		10
No. 11.....		
No. 12.....		10
No. 13.....		10
No. 14.....		
No. 15.....	20	
No. 16.....		80
No. 17.....		
No. 18.....		70
No. 19.....		5
No. 20.....		20
No. 21.....		5
No. 22.....		
No. 23.....		10
No. 24.....		30
No. 25.....		130
No. 26.....	15	
Volume 6—		
No. 1.....		45
No. 2.....		65
No. 3.....		55
No. 4.....		35
No. 5.....		10
No. 6.....		50
No. 7.....		35
No. 8.....		5
No. 9.....		55
No. 10.....		35
No. 11.....		35
No. 12.....		40
No. 13.....		55
No. 14.....	2,000	1,780
No. 15.....	2,000	1,780
No. 16.....	2,000	1,780
No. 17.....	2,000	1,750
No. 18.....	2,000	1,750
No. 19.....	2,000	1,780
No. 20.....	2,000	1,765
No. 21.....	2,000	1,700
No. 22.....	2,000	1,700
No. 23.....	2,000	1,705
No. 24.....	2,000	1,700
No. 25.....	2,000	1,700
No. 26.....	2,000	1,715
Volume 7—		
No. 1.....	2,000	1,675
No. 2.....	2,000	1,725
No. 3.....	2,000	1,735
No. 4.....	2,000	1,750
No. 5.....	2,000	1,740
No. 6.....	2,000	1,695
No. 7.....	2,000	1,680
No. 8.....	2,000	1,675

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Title	Copies received.	Copies distributed.
Journal of Agricultural Research—Continued.		
Volume 7—Continued.		
No. 9.....	2,000	1,695
No. 10.....	2,000	1,650
No. 11.....	2,000	1,645
No. 12.....	2,000	1,645
No. 13.....	2,000	1,650
Volume 8—		
No. 1.....	2,000	1,635
No. 2.....	2,000	1,645
No. 3.....	2,000	1,640
No. 4.....	2,000	1,655
No. 5.....	2,000	1,625
No. 6.....	2,000	1,720
No. 7.....	2,000	1,670
No. 8.....	2,000	1,705
No. 9.....	2,000	1,680
No. 10.....	2,000	1,625
No. 11.....	2,000	1,620
No. 12.....	2,000	1,660
Volume 9—		
No. 1.....	2,000	1,650
No. 2.....	2,000	1,640
No. 3.....	2,000	1,650
No. 4.....	2,000	1,645
No. 5.....	2,000	1,630
No. 6.....	2,000	1,700
No. 7.....	2,000	1,635
No. 8.....	2,000	1,640
No. 9.....	2,000	1,630
No. 10.....	2,000	1,625
No. 11.....	2,000	1,625
No. 12.....	2,000	1,635
Reprints from Journal of Agricultural Research:		
Volume 1, No. 1—		
<i>Citrus Ichangensis, a Promising Hardy New Species from Southwestern China and Assam. (B. P. I.)</i>		
<i>Cysticercus Ovis, the Cause of Tapeworm Cysts in Mutton. (B. A. I.)</i>	5	
Volume 1, No. 2—		
Individual Variation in the Alkaloidal Contents of Belladonna Plants. (B. P. I.)		
The Pubescent-Fruited Species of <i>Prunus</i> of the Southwestern States. (B. P. I.)		
Volume 1, No. 3—		
Selective Absorption by Soils. (Soils)		
A Bacterium Causing a Disease of Sugar-Beet and <i>Nasturtium</i> Leaves. (B. P. I.)		
The Calliphagales Parasites of the Codling Moth. (Ento.)	25	
<i>Polyporus Dryadens</i> A Root Parasite on The Oak. (B. P. I.)		
Foot-Rot of the Sweet Potato. (B. P. I.)		
Volume 1, No. 4—		
Environmental Influences on the Physical and Chemical Characteristics of Wheat. (Chemistry)		
A Drought Resisting Adaptation in Seedlings of Maize. (B. P. I.)		
Some Disease of Pecans. (B. P. I.)	30	
New Potato Weevils from Andean South America. (Ento.)	25	
A Twig Blight of <i>Quercus Prinus</i> and Related Species (B. P. I.)		
Volume 1—No. 5—		
The Indicator Significance of Vegetation in Tooele Valley, Utah. (B. P. I.)		
<i>Citropsis</i> , A New Tropical African Genus Allied to <i>Citrus</i> . (B. P. I.)		
Winter Spraying with Solution of Nitrate of Soda. (B. P. I.)	45	
Volume 1, No. 6—		
Tyloses: Their Occurrence and Practical Significance in some American Woods. (For. Ser.)		
The Cambium Miner in River Birch. (Ento.)	25	
A Study of Some Imperfect Fungi Isolated from Wheat, Oats, and Barley Plants. (B. P. I.)		
The Origin of Some of the Streptococci Found in Milk. (B. A. I.)		
The Reduction of Arsenic Acid to Arsenious Acid by Thiosulphuric Acid. (B. A. I.)		
Volume 2, No. 1—		
The Flavor of Roquefort Cheese. (B. A. I.)		
The Corn-Leaf Blotch Miner. (Ento.)	60	
Coloration of the Seed Coat of Cowpeas. (B. P. I.)		
Longevity of Pycnospores of the Chestnut-Blight Fungus in Soils. (B. P. I.)		

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Title.	Copies received.	Copies distributed
Reprints from Journal of Agricultural Research—Continued.		
Volume 2—No. 2—		
Behavior of Cup Current Meters Under Conditions Not Covered By Standard Ratings (O. E. S.).....		
Eremocitrus, A New Genus of Hardy, Drought-Resistant Citrus Fruits from Australia. (B. P. I.).....		
Relation of Bacterial Transformations of Soil Nitrogen of Citrus Plants. (B. P. I.).....		
Lesser Bud Moth. (Ento.).....		
Two New Wood-Destroying Fungi. (B. P. I.).....		25
Volume 2, No. 3—		
Bacteria Concerned in the Production of the Characteristic Flavor in Cheese of the Cheddar Type. (B. A. I.).....		
Relation of the Action of Certain Bacteria to the Ripening of Cheese of the Cheddar Type. (B. A. I.).....		
The Citrus Root Nematode. (B. P. I.).....		
Identity of Peridermium Fusiforme with Peridermium Cerebrum. (B. P. I.).....		
Pellicularia Koleroga on Coffee in Porto Rico. (O. E. S.).....		
Feeding Habits of the Boll Weevil on Plants Other than Cotton. (Ento.).....		30
Volume 2, No. 4—		
Ability of Streptococci to Survive Pasteurization. (B. A. I.).....		
Identification of Species of Fusarium Occurring on the Sweet Potato Ipomoea Batatas. (B. P. I.).....		
Mutation in Egyptian Cotton. (B. P. I.).....		
Influence of the Host on the Morphological Character of Puccinia Ellisiana and Puccinia Andropogonis. (B. P. I.).....		
Volume 2, No. 5—		
Fruit Rot, Leaf Spot, and Stem Blight of the Egg Plant. (B. P. I.).....		
Head Smut of Sorghum and Maize. (B. P. I.).....		
Oxidases in Healthy and in Curly-Dwarf Potatoes. (B. P. I.).....		15
Volume 2, No. 6—		
A New Sarcophagid Parasite of Grasshopper. (Ento.).....		
Papaya Fruit Fly. (Ento.).....		
Birds as Carriers of the Chestnut-Blight Fungus. (B. P. I.).....		
Composition of Roquefort Cheese Fat. (B. A. I.).....		
Density of Wood Substance and Porosity of Wood. (For. Ser.).....		
Volume 3, No. 1—		
Relative Water Requirements of Plants. (B. P. I.).....		
A Fungal Disease of Hemp. (B. P. I.).....		
Heart Rot of Oaks and Poplars Caused by Polyporus. (B. P. I.).....		
A More Accurate Method of Comparing First Generation Maize Hybrids with Their Parents. (B. P. I.).....		
Decomposition of Soil Carbonates. (Secretary.).....		
Volume 3, No. 2—		
Pecan Rosette. (B. P. I.).....		30
Natural Revetevation of Range Lands Based upon Growth Requirements and Life History of the Vegetation. (For. Ser.).....		
Apple Root Borer. (Ento.).....		
A Nitrogenous Soil Constituent. (Soils).....		35
Volume 3, No. 3—		
Studies in the Expansion of Milk and Cream. (B. A. I.).....		
Oil Content of Seeds as Affected by the Nutrition of the Plants. (B. P. I.).....		
Coloring Matter of Raw and Cooked Salted Meats. (B. A. I.).....		
The History of Melon Fly. (Ento.).....		
Assimilation of Colloidal Iron by Rice. (O. E. S.).....		
Changes in Composition of Peel and Pulp of Ripening Bananas. (Chemistry).....		
Volume 3, No. 4—		
Effect of Dilution upon the Infectivity of the Virus of the Mosaic Disease of Tobacco. (B. P. I.).....		
Physiological Changes in Sweet Potatoes During Storage. (B. P. I.).....		
Susceptibility of Citrus Fruits to the Attack of the Mediterranean Fruit Fly. (Ento.).....		
Moldiness in butter. (B. A. I.).....		25
Volume 3, No. 5—		
Life History of the Mediterranean Fruit Fly From the Standpoint of Parasite Introduction. (Ento.).....		20
Brachysom, A Hereditary Deformity of Cotton and Other Plants. (B. P. I.).....		
Volume 3, No. 6—		
Air and Wind Dissemination of Ascospores of the Chestnut-Blight Fungus. (B. P. I.).....		
Volume 4, No. 1—		
Source of the Early Infection of Apple-Bitter Rot. (B. P. I.).....		
A Bacteriological Study of Methods for the Disinfection of Hides Infected with Anthrax Spores. (B. A. I.).....		
Observations on Rhizina Inflata. (B. P. I.).....		
Pseudomonas Citri, The Cause of Citrus Canker. (B. P. I.).....		25

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Title.	Copies received.	Copies distributed.
Reprints from Journal of Agricultural Research—Continued.		
Volume 4, No. 2—		
Wilt of Gipsy Moth Caterpillars. (Ento.)		25
Seedling Diseases of Sugar Beets and Their Relation to Root Rot and Crown Rot. (B. P. I.)		
Phoma Betae on the Leaves of the Sugar Beet. (B. P. I.)		
Volume 4, No. 3—		
A New Wheat Thrips. (Ento.)		60
Influence of Soil Moisture upon the Rate of Increase in Sugar-Beet Root-Louse Colonies. (Secretary)		
A New Leaf and Twig Disease of <i>Picea Engelmanni</i> . (B. P. I.)		25
Some Sugar-Cane Root-Boring Weevils of the West Indies. (Ento.)		
A Contribution to the Life History of <i>Spongospora Subterranea</i> . (B. P. I.)	20	
Volume 4, No. 4—		
Rheosporangium <i>Aphanidermatum</i> , A New Genus and Species of Fungus Parasitic on Sugar Beet and Radishes. (B. P. I.)		
Asparagus-Beetle Egg Parasite. (Ento.)		60
Wallrothiella <i>Arceuthobii</i> . (B. P. I.)		
Volume 4, No. 5—		
Influence of Hybridization and Cross-Pollination on Water Requirement of Plants. (B. P. I.)		
Further Studies of the Embryology of <i>Toxoptera Graminum</i> . (Ento.)		25
Prickly Pear as a Feed for Dairy Cows		25
Volume 4, No. 6—		
<i>Tylenchus Similis</i> , The Cause of a Root Disease of Sugar Cane and Banana. (B. P. I.)		
Volume 5, No. 1—		
Effect of Alkali Salts in Soils on the Germination and Growth of Crops. (Secretary)		
Volume 5, No. 2—		
Perennial Mycelium in Species of <i>Peronosporaceæ</i> Related to Phytophthora Infestans. (B. P. I.)		
Hibernation of Phytophthora Infestans of the Irish Potato. (B. P. I.)		
Volume 5, No. 3—		
An Automatic Transportation Scale of Large Capacity for Use With Freely Exposed Plants. (B. P. I.)		
Parasitism of <i>Commandia Umbrellata</i> . (B. P. I.)		
Volume 5, No. 4—		
Effect of Temperature on the Movement of Water Upon and Capillary Moisture in Soils. (Secretary)		
Soil Temperature as Influenced by Cultural Methods. (Secretary)		
<i>Alternaria Panax</i> , The Cause of a Root-Rot of Ginseng. (B. P. I.)		
Volume 5, No. 5—		
Some Potato Tuber Rots Caused by Species of <i>Fusarium</i> . (B. P. I.)	25	
Volume 5, No. 6—		
Experiments in the Use of Current Meters in Irrigation Canals. (Roads)		
Relation of Sulphur Compounds to Plant Nutrition. (Secretary)	30	25
Distribution of the Virus of the Mosaic Disease in Capsules, Filaments, Anthers, Pistils of Affected Tobacco Plants. (B. P. I.)		
Dissemination of a Bacterial Welt of Cucurbits. (B. P. I.)		
Volume 5, No. 7—		
Two New Hosts for <i>Peridermium Pyriforme</i> . (B. P. I.)		
Volume 5, No. 8—		
An Improved Respiration Calorimeter for Use in Experiments With Man. (S. R. S.)		
Occurrence of Manganese in Wheat. (Secretary)		
Volume 5, No. 9—		
Ash Composition of Upland Rice at Various Stages of Growth. (Secretary)		
Varietal Resistance of Plums to Brown Rot. (Secretary)	55	
Volume 5, No. 10—		
Inheritance of Length of Pod in Certain Crosses. (Secretary)		
Honeycomb Heart Rot of Oaks Caused by <i>Stereum Subpileatum</i> . (B. P. I.)		
Measurement of the Winter Cycle in the Egg Production of Domestic Fowl. (Secretary)		
Volume 5, No. 11—		
Angular Leaf Spot of Cucumbers. (B. P. I.)		
Activity of Soil Protozoa. (Secretary)		
Volume 5, No. 12—		
Biology of <i>Apanteles Militaris</i> (Ento.)		25
Respiration Experiments with Sweet Potatoes. (B. P. I.)		
Cherry and Hawthorn Sawfly-Leaf Miner. (Secretary)		
Variations in Mineral Composition of Sap, Leaves and Stem of the Wild-Grape Vine and Sugar-Maple Tree. (Secretary)		
Volume 5, No. 13—		
Carbohydrate Transformation in Sweet Potatoes. (B. P. I.)	140	
Diuresis and Milk Flow (Secretary)		

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Title.	Copies received.	Copies distributed
Reprints from Journal of Agricultural Research—Continued.		
Volume 5, No. 14— Hourly Transpiration Rate on Clear Days as Determined by Cycle Environmental Factors. (B. P. I.)	15	
Volume 5, No. 15— Effect of Cold Storage Temperature upon the Mediterranean Fruit Fly. (Ento.)		
Biochemical Comparisons between Mature and Immature Veal. (B. A. I.)		
Volume 5, No. 16— Factors Involved in the Growth and the Pycnidium Formation of <i>Plenodomus Fuscomaculans</i> . (Secretary)	105	
Volume 5, No. 17— Banana as a Host Fruit of the Mediterranean Fruit Fly. (Ento.)		
Effect of Controllable Variables Upon the Penetration Test for Asphalts and Asphalt Cements. (Roads)		95
Volume 5, No. 18— Effect of Refrigeration upon the Larvae of <i>Trichinella Spiralis</i> . (B. A. I.)		
Relation Between Certain Bacterial Activities in Soils and Their Crop Producing Powder. (Secretary)	60	
Volume 5, No. 19— Boron: Its Absorption and Distribution in Plants and Its Effect on Growth. (Chemistry)		
Further Studies on Peanut Leafspot. (Secretary)	125	
Relation Between the Properties of Hardness and Toughness of Road-Building Rock. (Roads)		40
Volume 5, No. 20— Nitrogen Content of the Humus of Arid Soils. (Secretary)	205	
Life History Studies of Colorado Potato Beetle. (Ento.)		35
Some Factors Influencing the Longevity of Soil Microorganisms Subjected to Desiccation, with Special Reference to Soil Solution. (Secretary)	150	
Observations on the Life History of the Cherry-Leaf Beetle. (Secretary)		
Apparatus for Measuring the Wear of Concrete Roads. (Roads)		10
Volume 5, No. 21— Morphology and Biology of the Green Aphis. (Ento.)		25
Soilstain, or Scurf of the Sweet Potato. (Secretary)	125	
Volume 5, No. 22— An Asiatic Species of <i>Gymnosporangium</i> Established in Oregon. (Secretary)	65	
Relation of Stomatal Movement to Infection by <i>Cercospora Beticola</i> . (B. P. I.)	40	
A Method of Correcting for Soil Heterogeneity in Variety Tests. (Secretary)	70	
Volume 5, No. 23— Flow through Weit Notches with Thin Edges and Full Contractions. (Roads)	115	
Identity of <i>Eriosoma Pyri</i> . (Ento.)		
Volume 5, No. 24— A New Penetration Needle for Use in Testing Bituminous Materials. (Roads)		
A New Irrigation Weir. (Roads)	125	60
Volume 5, No. 25— Relation of Green Manure to the Failure of Certain Seedlings. (Secretary)	70	
A New Spray Nozzle. (Secretary)	75	
A New Interpretation of the Relationship of Temperature and Humidity to Insect Development. (Ento.)	80	
Volume 6, No. 1— Relation of Carbon Bisulphid to Soil Organisms and Plant Growth. (Secretary)	80	
Climatic Conditions as Related to <i>Cercospora Beticola</i> . (B. P. I.)	35	
Volume 6, No. 2— Soluble Nonprotein Nitrogen of Soils. (Secretary)	80	
Volume 6, No. 3— Insect Injury to Cotton Seedlings. (Ento.)	130	
Volume 6, No. 4— A Six-Limited Color in Ayrshire Cattle. (Secretary)		
Watermelon Stem-End Rot. (B. P. I.)		
Effect of Pasteurization on Mold Spores. (B. A. I.)		
Effect of Water in the Ration on the Composition of Milk. (B. A. I.)		
Volume 6, No. 5— Effect of Certain Species of <i>Fusarium</i> on the Composition of the Potato Tuber. (B. P. I.)	55	
Hyperaspis Binotata, Predatory Enemy of the Terrapin Scale. (Ento.)	130	
Volume 6, No. 6— Test of Three Large-Sized Reinforced-Concrete Slabs Under Concentrated Loading. (Roads)		120
Occurrence of Sterile Spikelets in Wheat. (Secretary)	100	

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Title.	Copies received.	Copies distributed.
Reprints from Journal of Agricultural Research—Continued.		
Volume 6, No. 7—		
Effect of Cold-Storage Temperature Upon the Pupæ of the Mediterranean Fruit Fly. (Ento.)	45	.....
Effect of Climatic Factors on the Hydrocyanic Acid Contents of Sorghum. (Secretary)	30	.....
Volume 6, No. 7—		
Eggs and Manner of Oviposition of <i>Lyctus Planicollis</i> . (Ento.)	.....
Volume 6, No. 8—		
Hypoderma Deformans, an Undescribed Needle Fungus of Western Yellow Pine. (B. P. I.)	.....	190
<i>Ornix Geminatella</i> , The Unspotted Tentiform Leaf Miner of Apple. (Secretary)	65	.....
Volume 6, No. 9—		
A Western Field Rot of the Irish Potato Tuber Caused by <i>Fusarium Radicola</i> . (B. P. I.)	.....
Comparative Study of the Root Systems and Leaf Areas of Corn and Sorghums. (Secretary)	25	.....
Production of Clear and Sterilized Anti-Hog Cholera Serum. (B. A. I.)	.....	25
Volume 6, No. 10—		
Silver Scurf of the Irish Potato Caused by <i>Spondylosladium Atrovirens</i> . (B. P. I.)	.....	50
Woolly Pear Aphid. (Ento.)	.....
Pathological Histology of Strawberries Affected by Species of <i>Botrytis</i> and <i>Rhizopus</i> . (B. P. I.)	.....	190
Life Histories and Methods of Rearing Hessian Fly Parasites. (Ento.)	.....
Volume 6, No. 11—		
Effect of Röntgen Rays on the Tobacco or Cigarette Beetle and the Results of Experiments with a New Form of Röntgen Tube. (Ento.)	.....	100
Stimulating Influence of Arsenic upon the Nitrogen-Fixing Organisms of the Soil. (Secretary)	50	.....
Transmission and Control of Bacterial Wilt of Cucurbits. (B. P. I.)	.....
Volume 6, No. 12—		
Correlated Characters in Maize Breeding. (B. P. I.)	.....
Comparative Study of the Amount of Food Eaten by Parasitized and Unparasitized Larvæ of <i>Cirphis Unipuncta</i> . (Ento.)	.....	65
Aleyrodide, or White Flies Attacking the Orange, with Descriptions of the Three New Species of Economic Importance. (Ento.)	.....	40
Volume 6, No. 13—		
Availability of Mineral Phosphates for Plant Nutrition. (Secretary)	815	520
Relative Water Requirements of Corn and the Sorghums. (Secretary)	915	880
Volume 6, No. 14—		
California Green Lacewing Fly. (Ento.)	1,300	1,100
Rape as Material for Silage. (Secretary)	815	815
Effect of Autolysis upon Muscle Creatin. (B. A. I.)	600	470
Volume 6, No. 15—		
Storage-Rots of Economic Aroids. (B. P. I.)	1,500	1,500
Experiments with Clean Seed Potatoes on New Land in Southern Idaho. (B. P. I.)	1,500	1,335
Volume 6, No. 16—		
Digestibility of Very Young Veal. (S. R. S.)	3,000	2,325
Influence of Calcium and Magnesium Compounds on Plant Growth. (Secretary)	830	800
Larval Characters and Distribution of Two Species of <i>Diatraea</i> . (Ento.)	1,300	1,025
Volume 6, No. 17—		
The Disease of Potatoes Known as "Leak." (B. P. I.)	1,500	1,500
Digestibility of Hard Palates of Cattle. (S. R. S.)	2,500	2,180
Some Properties of the Virus of the Mosaic Disease of Tobacco. (B. P. I.)	1,500	1,405
Volume 6, No. 18—		
Life Cycles of the Bacteria. (B. P. I.)	1,000	1,365
A Respiration Calorimeter, Partly Automatic, for the Study of Metabolic Activity of Small Magnitude. (S. R. S.)	1,200	1,200
Volume 6, No. 19—		
Mottle-Leaf of Citrus Trees in Relation to Soil Conditions. (B. P. I.)	1,750	1,700
Vegetative Succession Under Irrigation. (Secretary)	825	795
Volume 6, No. 20—		
Agricultural Value of Impermeable Seeds. (B. P. I.)	1,500	1,215
Mendelism of Short Ears in Sheep. (Secretary)	500	455
Volume 6, No. 21—		
Life-History Studies of <i>Cirphis unipuncta</i> , the True Army Worm. (Ento.)	1,300	1,075
Infection of Timothy by <i>Puccinia graminis</i> . (Secretary)	825	750
Control of the Powdery Dryrot of Potatoes Caused by <i>Fusarium trichothecoides</i> . (B. P. I.)	1,500	1,470
Volume 6, No. 22—		
Use of the Moisture Equivalent for the Indirect Determination of the Hygroscopic Coefficient. (Secretary)	860	815
<i>Thersilochus conotrachelii</i> , a Parasite of the Plum Curculio. (Ento.)	1,300	1,060
Effect on Plant Growth of Sodium Salts in the Soil. (B. P. I.)	1,500	1,105

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Title.	Copies received.	Copies distributed.
Reprints from Journal of Agricultural Research—Continued.		
Volume 6, No. 23—		
Observations on the Life History of the Army Cutworm, <i>Chorizagrotis auxiliaris</i> . (Secretary).....	550	520
<i>Aphidoletes meridionalis</i> , an Important Dipterous Enemy of Aphids. (Ento.).....	1,300	1,095
Influence of Barnyard Manure and water upon the Bacterial Activities of the Soil. (Secretary).....	840	805
Volume 6, No. 24—		
Progressive Oxidation of Cold-Storage Butter. (B. A. I.).....	1,000	860
Bacteriological Studies of a Soil Subjected to Different Systems of Cropping for Twenty-five Years. (Secretary).....	820	800
Volume 6, No. 25—		
Studies on the Physiology of Reproduction in the Domestic Fowl. (Secretary).....	600	560
a-Crotonic Acid, A Soil Constituent. (B. P. I.).....	1,500	1,385
Volume 7, No. 1—		
<i>Aspergillus niger</i> Group. (B. A. I.).....	1,500	1,395
Some Effects of the Blackrot Fungus, <i>Spharopsis malorum</i> , upon the Chemical Composition of the Apple. (Secretary).....	860	840
Formation of Hematoporphyrin in Ox Muscle during Autolysis. (B. A. I.).....	600	600
Volume 7, No. 2—		
Comparison of the Nitrifying Powers of Some Humid and Some Arid Soils. (Secretary).....	900	835
Immobility of Iron in the Plant. (S. R. S.).....	800	700
Volume 7, No. 3—		
Effects of Nicotine as an Insecticide. (Ento.).....	1,500	1,255
Acidity and Absorption in Soils as Measured by the Hydrogen Electrode. (Secretary).....	830	830
Volume 7, No. 4—		
Life History of <i>Habrocytus medicaginis</i> , a Recently Described Parasite of the Chalcis Fly in Alfalfa Seed. (Ento.).....	1,300	1,255
Daily Transpiration During the Normal Growth and Its Correlation with the Weather. (B. P. I.).....	1,500	1,380
Volume 7, No. 5—		
Studies of <i>Spongospora subterranea</i> and <i>Phoma tuberosa</i> of the Irish Potato. (B. P. I.).....	1,500	1,420
Growth of Parasitic Fungi in Concentrated Solutions. (B. P. I.).....	1,300	1,280
Volume 7, No. 6—		
Freezing-Point Lowering of the Leaf Sap of the Horticultural Types of <i>Persea americana</i> . (B. P. I.).....	1,350	1,350
Grain of the Tobacco Leaf. (B. P. I.).....	1,500	1,475
Host Plants of <i>Thielavia basicola</i> . (Secretary).....	815	790
Volume 7, No. 7—		
Chemical Composition, Digestibility, and Feeding Value of Vegetable-Ivory Meal. (Secretary).....	675	645
Rosy Apple Aphid. (Ento.).....	1,300	1,100
Volume 7, No. 8—		
Use of Two Indirect Methods for the Determination of the Hygroscopic Coefficients of Soils. (Secretary).....	516	491
Correlation Between the Size of Cannon Bone in the Offspring and the Age of the Parents. (Secretary).....	500	465
<i>Laspeyresia molesta</i> , an Important New Insect Enemy of the Peach. (Ento.).....	1,500	1,195
Volume 7, No. 9—		
Energy Values of Red-Clover Hay and Maize Meal. (Secretary).....	1,500	745
Relationship between the Wetting Power and Efficiency of Nicotine-Sulphate and Fish-Oil-Soap Sprays. (Secretary).....	870	870
Life History and Poisonous Properties of <i>Claviceps paspali</i> . (Secretary).....	825	825
Effect of Sodium Salts in Water Cultures on the Absorption of Plant Food by Wheat Seedlings. (B. P. I.).....	2,000	1,640
Volume 7, No. 10—		
Nitrification in Semiarid Soils. (Secretary).....	840	840
Factors Affecting the Evaporation of Moisture from the Soil. (Secretary).....	840	815
Volume 7, No. 11—		
<i>Macrosiphum granarium</i> , the English Grain Aphid. (Ento.).....	1,200	1,115
A Specific Mosaic Disease in <i>Nicotiana viscosum</i> Distinct from the Mosaic Disease of Tobacco. (B. P. I.).....	1,500	1,360
<i>Syntomaspis druparum</i> , the Apple Seed Chalcid. (Ento.).....	1,300	1,235
Volume 7, No. 12—		
Assimilation of Iron by Rice from Certain Nutrient Solutions. (S. R. S.).....	1,100	985
Influence of Bordeaux Mixture on the Rates of Transpiration from Abscised Leaves and From Potted Plants. (Secretary).....	820	820
Volume 8, No. 1—		
Diagnosis of Tuberculosis by Complement Fixation, with Special Reference to Bovine Tuberculosis. (B. A. I.).....	1,500	940
Availability of the Potash in Certain Orthoclase-Bearing Soils as Affected by Lime or Gypsum. (B. P. I.).....	2,000	1,945

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Title.	Copies received.	Copies distributed
Reprints from Journal of Agricultural Research—Continued.		
Volume 8, No. 2—		
Ewes' Milk: Its Fat Content and Relation to the Growth of Lambs. (Secretary).....	500	460
Immunity Studies on Anthrax Serum. (B. A. I.).....	1,500	1,460
Volume 8, No. 3—		
Calcium Compounds in Soils (B. Soils).....	1,400	1,055
Studies upon the Blackleg Disease of the Potato, with Special Reference to the Relationship of the Causal Organisms. (Secretary).....	815	815
Volume 8, No. 4—		
Effect of Fertilizers on the Composition and Quality of Oranges. (Secretary).....	815	790
Temperature Relations of Apple-Rot Fungi. (B. P. I.).....	2,500	2,240
Volume 8, No. 5—		
Mechanism of Tumor Growth in Crown gall. (B. P. I.).....	3,000	2,735
Volume 8, No. 6—		
Soroporella uvella and Its Occurrence in Cutworms in America. (Ento.).....	1,300	1,300
Measurement of the Inactive, or Unfree, Moisture in the Soil by Means of the Dilatometer Method. (Secretary).....	880	795
Leafspot-Rot of Pond Lilies Caused by <i>Helicosporium nymphaearium</i> . (B. P. I.).....	1,500	1,435
Volume 8, No. 7—		
Studies of the Genus <i>Phytophthora</i> . (B. P. I.).....	1,500	1,425
Tetrastichus Bruchophagi, a Recently Described Parasite of <i>Bruchophagus funebris</i> . (Ento.).....	1,300	1,215
Volume 8, No. 8—		
Arsenical Injury Through the Bark of Fruit Trees. (Secretary).....	820	775
Volume 8, No. 9		
A Squash Disease Caused by <i>Choanophora Cucurbitarum</i> . (Secretary). Discovery of Internal Telia Produced by a Species of <i>Cronartium</i> . (B. P. I.).....	820	780
Effect of Irrigation Water and Manure on the Nitrates and Total Soluble Salts of the Soil. (Secretary).....	1,500	1,500
Volume 8, No. 10—		
The Relative Influence of Microorganisms and Plant Enzymes on the Fermentation of Corn Silage. (Secretary).....	620	585
Little-Leaf of the Vine. (Secretary).....	820	790
Volume 8, No. 11—		
Spore-Forming Bacteria of the Apiary. (Ento).....	1,300	1,130
Fusarium-Blight, or Wilt Disease, of the Soybean. (Secretary).....	610	580
Volume 8, No. 12—		
Peanut-Wilt Caused by <i>Sclerotium Rolfsii</i> . (Secretary).....	810	810
Transformation of <i>Pseudoglobulin</i> into <i>Euglobulin</i> . (B. A. I.).....	1,000	885
Dissemination of the Angular Leafspot of Cotton. (Secretary).....	810	780
Volume 9, No. 1—		
A New Bacterial Citrus Disease. (Secretary).....	810	780
Some Facts about Abortion Disease. (B. A. I.).....	3,000	1,225
Wheat-Sheath Miner. (Secretary).....	550	520
Volume 9, No. 2—		
Relation of the Water-Retaining Capacity of a Soil to Its Hygroscopic Coefficient. (Secretary).....	830	795
Volume 9, No. 3—		
Absorption of Nutrients as Affected by the Number of Roots Supplied with Nutrient. (S. R. S.).....	800	720
Volume 9, No. 4—		
Flow Through Submerged Rectangular Orifices with Modified Contractions. (O. P. R.).....	1,500	1,225
The Venturi Flume. (O. P. R.).....	1,100	915
Volume 9, No. 5—		
Morphology of Normal Pig's Blood. (Secretary).....	500	470
Fixation of Ammonia in Soils. (B. P. I.).....	1,500	1,480
Volume 9, No. 6—		
Composition of Citrus Leaves at Various Stages of Mottling. (D. P. I.).....	1,500	1,250
Effects of Muscular Exercise and the Heat of the Sun on the Blood and Body Temperature of Normal Pigs. (Secretary).....	500	470
Volume 9, No. 7—		
Relation of the Transformation and Distribution of Soil Nitrogen to Nutrition of Citrus Plants. (B. P. I.).....	1,500	1,500
Volume 9, No. 8—		
Effect of Decomposing Organic Matter on the Solubility of Certain Inorganic Constituents of the soil. (B. P. I.).....	1,500	1,100
Xylaria Rootrot of Apple. (Secretary).....	630	560
Volume 9, No. 9—		
Influence of Crop Season, and Water on the Bacterial Activities of the soil. (Secretary).....	890	860
Comparison of the Hourly Evaporation Rate of Atometers and Free Water Surfaces with the Transpiration Rate of <i>Medicago Sativa</i> . (B. P. I.).....	1,500	725

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Title.	Copies received.	Copies distributed.
Reprints from Journal of Agricultural Research—Continued.		
Volume 9, No. 10— The Pink Bollworm, <i>Pectinophora Gossypiella</i> . (Ento.).....	1,500	1,180
Volume 9, No. 11— Eupatorium <i>Ageratoides</i> the Cause of Trembles. (Secretary).....	500	475
Hybrids of <i>Zea Romosa</i> and <i>Sea Tunicata</i>	1,500	1,085
Toxicity of Various Benzine Derivatives to Insects. (Secretary).....	450	400
Volume 9, No. 12— A New Strain of <i>Rhizoctonia Solani</i> on the Potato. (B. P. I.).....	1,500	1,225
A Study of Methods of the Estimation of Metabolic Nitrogen. (Secretary).....	500	475
A Form of Potato Disease Produced by <i>Phizoctonia</i> . (Secretary).....	830	795
Total.....	882,391	822,151

DIVISION OF PUBLICATIONS.

Report of the Editor and Chief:		
1914.....		
1915.....		
1916.....	500	350
Monthly List of Publications:		
June, 1916.....	199,000	199,000
July, 1916.....	193,000	193,000
August, 1916.....	200,000	200,000
September, 1916.....	198,000	198,000
October, 1916.....	193,000	193,000
November, 1916.....	179,000	179,000
December, 1916.....	163,500	163,500
January, 1917.....	166,000	166,000
February, 1917.....	170,000	170,000
March, 1917.....	170,000	170,000
April, 1917.....	170,000	170,000
May, 1917.....	170,000	170,000
Miscellaneous publications:		
List of Publications Issued since July 1, 1913. Revised to December 31, 1916.....	15,000	7,500
A List of Publications of the United States Department of Agriculture Suggested for an Agricultural Reading Course.....		
Index to Farmers' Bulletins Nos. 1 to 500.....		325
Index to Agricultural Outlook.....		285
Index to Farmers' Bulletins and four miscellaneous publications.....	500	500
List of Farmers' Bulletins Classified by Subjects.....	5,000	3,500
Contents and Index to Department Bulletins:		
Nos. 51 to 75.....		
Nos. 101 to 125.....	1,000	770
Nos. 126 to 150.....	1,000	745
Nos. 151 to 175.....	1,000	770
Nos. 176 to 200.....	1,000	770
Nos. 201 to 225.....	1,000	745
Nos. 226 to 250.....	1,000	760
Nos. 251 to 275.....	1,000	1,000
Farmers' Bulletins Lists:		
Regular.....	5,100,000	5,100,000
City.....	1,000,000	1,000,000
Total.....	8,299,500	8,289,520

OFFICE OF PUBLIC ROADS AND RURAL ENGINEERING.

Report of the Director, 1916.....	2,500	2,395
Bulletin:		
No. 48. Repair and Maintenance of Highways.....		475
Circulars:		
No. 18. Virginia Good Roads Convention, Oct. 10-11, 1895.....		
No. 89. Progress Reports of Experiments with Dust Preventives.....		
No. 94. Progress Reports of Experiments in Dust Prevention and Road Preservation, 1910.....		95
No. 95. Special Road Problems in the Southern States.....		
No. 98. Progress Reports of Experiments in Dust Prevention and Road Preservation, 1911.....		170

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

OFFICE OF PUBLIC ROADS AND RURAL ENGINEERING—Continued.

Title.	Copies received.	Copies distributed.
Department bulletins (contributed by Office of Public Roads and Rural Engineering):		
No. 105. Progress Reports of Experiments in Dust Prevention and Road Preservation, 1913.....		595
No. 136. Highway bonds.....	2,500	1,915
No. 220. Road models.....		1,100
No. 230. Oil-Mixed Portland Cement Concrete.....		1,075
No. 249. Portland Cement Concrete Pavement for Country Roads.....		1,060
No. 257. Progress Reports of Experiments in Dust Prevention and Road Preservation, 1914.....		515
No. 304. Land Drainage by Means of Pumps.....		265
No. 314. Methods for the Examination of Bituminous Road Materials.....		685
No. 339. Experiment on the Economical Use of Irrigation Water in Idaho.....	1,000	585
No. 347. Methods for the Determination of the Physical Properties of Road Building Rock.....	2,000	735
No. 348. Relation of Mineral Composition and Rock Structure to the Physical Properties of Road Material.....		75
No. 370. The Results of Physical Tests of Road Building Rock.....	8,000	4,125
No. 373. Brick Roads.....	6,000	4,275
No. 376. The Flow of Water in Wood Stave Pipe.....	7,000	5,650
No. 386. Public Road Mileage and Revenues in the Middle Atlantic States, 1914.....	5,000	3,700
No. 387. Public Road Mileage and Revenues in the Southern States, 1914.....	5,000	3,470
No. 388. Public Road Mileage and Revenues in the New England States, 1914.....	5,000	2,890
No. 389. Public Road Mileage and Revenues in Central, Mountain, and Pacific States, 1914.....	5,000	2,660
No. 390. Public Road Mileage and Revenues in the United States, 1914—A Summary.....	10,000	3,405
No. 393. Economic Surveys of County Highway Improvements.....	15,000	5,505
No. 407. Progress Reports of Experiments in Dust Prevention and Road Preservation in 1915.....		
No. 414. Convict Labor for Road Work.....	9,000	4,300
No. 462. Irrigation in Florida.....	1,000	1,000
No. 463. Earth, Sand, Clay, and Gravel Roads.....	5,000	5,000
No. 495. Spray Irrigation.....	5,000	4,260
No. 502. The Drainage of Irrigated Shale Lands.....	3,000	2,925
No. 512. Prevention of the Erosion of Farm Lands by Terracing.....	5,000	4,550
No. 537. The Results of Physical Tests of Road Building Rock in 1916, Including all Compression Tests.....	4,000	2,805
Total.....	111,000	77,260

BUREAU OF SOILS.

Report of Chief, 1916.....	100	100
Bulletins:		
No. 37. Experiments in Growing Cuban Seed Tobacco in Alabama.....		10
No. 46. Improvement of Virginia Fire-Cured Tobacco.....		10
No. 77. Organic Compounds and Fertilizer Action.....		
No. 86. Studies in Soil Catalysis.....		
No. 93. Field Records Relating to Subsoil Water.....		
No. 94. The Occurrence of Potassium Salts in the Salines of the United States.....		110
Circulars:		
No. 18. Wire-Basket Method for Determining the Manurial Requirements of Soils.....		200
No. 24. Soils of the Eastern United States and Their Use. III. Portsmouth Sandy Loam.....		
No. 25. Same. IX. Sassafras Silt Loam.....		
No. 29. Same. VII. Hagerstown Loam.....		
No. 30. Same. VIII. Clarksville Silt Loam.....		
No. 33. Same. XI. Knox Silt Loam.....		
No. 49. Same. XXVI. Houston Clay.....		
No. 50. Same. XXVII. Houston Black Clay.....		
No. 57. Same. XXXII. Carrington Silt Loam.....		
No. 71. The Extraction of Potash from Silicate Rocks.....		
No. 72. Soil Survey of Payne Prairie, Gainesville Area, Fla.....		
No. 74. Organic Constituents of Soils.....		50
No. 76. Alunite and Kelp as Potash Fertilizers.....		
No. 79. Soils of the Sutter Basin; Revision in the Survey of Certain Soils in the Marysville Area, Cal.....		
Miscellaneous publications:		
List of Soil Surveys (corrected to May 1, 1917).....	3,000	3,000

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF SOILS—Continued.

Title.	Copies received.	Copies distributed.
Department Bulletins (contributed by the Bureau of Soils):		
No. 37. Nitrogenous Fertilizer Obtainable in the United States	45	95
No. 46. A Descriptive Catalogue of the Soils of Virginia, so far Identified in the Soil Survey		
No. 54. The Photographic Features of the Desert Basins of the United States with Reference to the Possible Occurrence of Potash		55
No. 61. Potash Salts and Other Salines in the Great Basin Region		65
No. 140. Soils of Massachusetts and Connecticut, with Special Reference to Apples and Peaches		215
No. 141. The Clyde Series of Soils		75
No. 142. The Miami Series of Soils		65
No. 150. Utilization of the Fish Waste of the Pacific Coast for the Manufacture of Fertilizer		50
No. 159. Soils of the Sassafras Series		75
No. 164. Field Test with a Toxic Soil Constituent: Vanillin		475
No. 283. The Production of Sulphuric Acid and a Proposed New Method of Manufacture		25
No. 415. The Recovery of Potash from Alunite	3,000	3,000
No. 551. Variation in the Chemical Composition of Soils	3,000	1,660
Report of Field Operations:		
1899. First Report		
1900. Second Report		
1901. Third Report		
1902. Fourth Report		
1911. Thirteenth Report		
1913. Fifteenth Report	1,000	1,000
Advance Sheets, Soil Surveys:		
Alabama—		
1907. Marion County		35
1908. Autauga County		60
Bibb County		
Calhoun County		25
Colbert County		65
Henry County		65
Jefferson County		105
1909. Chamber County		
Coffee County		
1910. Dale County		
Pike County		
1911. Chilton County		125
Elmore County		45
Jackson County		75
Madison County		40
Marshall County		25
Randolph County		20
Tuscaloosa County		50
1912. Clark County		50
Conecuh County		35
Covington County		20
1913. Cleburn County		25
Russell County		25
Escambia County		40
Bullock County		25
1914. Lawrence County		5
Limestone County		25
1915. Clay County	1,000	465
Walker County	1,000	390
Arizona—		
1903. Solomsville Area		40
Arkansas—		
1913. Ash ey County		50
Pope County	130	
1914. Columbia County		20
Mississippi County		85
1915. Jefferson County	1,000	480
Yell County	1,000	435
California—		
1913. Reconnaissance Soil Survey of the Sacramento Val ey		155
1914. Merced Area		60
Reconnaissance Soil Survey o. the San Francisco Bay Area	1,000	510
Ukiah Area	1,000	785
Colorado—		
1910. Uncompahgre Valley Area		25
Connecticut—		
1911. Windham County		25
1912. New London County		80
Delaware—		
1915. New Castle County	1,000	425

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF SOILS—Continued.

Title.	Copies received.	Copies distributed.
Advance Sheets, Soil Surveys—Continued.		
Florida—		
1912. Acala Area.....		120
1913. Bradford County.....		55
Pinellas County.....		110
1914. Hernando County.....		100
Putnam County.....		40
Fort Lauderdale Area.....		105
1915. Franklin County.....	1,000	420
Georgia—		
1904. Dodge County.....		
1908. Grady County.....		40
1909. Franklin County.....		50
Hancock County.....		25
Pike County.....		
Tift County.....		
1910. Walker County.....		5
1911. Chatham County.....		25
Columbia County.....		45
Glynn County.....		40
1912. Ben Hill County.....		25
Chattoga County.....		
Dougherty County.....		
Reconnaissance of Tattnall County.....		15
Troup County.....		
1913. Gordon County.....		20
Habersham County.....		60
Jeff Davis County.....		15
Jones County.....		
Miller County.....		
Stewart County.....		
Talbot County.....		
1914. Colquitt County.....		25
Tattnall County.....		25
De Kalb County.....		20
Jackson County.....		15
Terrill County.....		20
Clay County.....		95
Polk County.....	1,000	750
1915. Turner County.....		70
Laurens County.....	1,000	425
Washington County.....	1,000	435
Wilkes County.....	1,000	390
Idaho—		
1915. Latah County.....	1,000	415
Illinois—		
1902. St. Clair County.....		25
1903. Johnson County.....		
Knox County.....		15
Sangamon County.....		
1912. Will County.....		25
Indiana—		
1902. Posey County.....		
1903. Madison County.....		
1904. Booneville County.....		
Marshall County.....		
Scott County.....		
1905. Newton County.....		60
1906. Greene County.....		25
1907. Marion County.....		40
1908. Allen County.....		25
1912. Boone County.....		20
Hamilton County.....		
Montgomery County.....		75
Tipton County.....		
1913. Hendricks County.....		
Delaware County.....		35
1914. Clinton County.....		
Warren County.....		20
Elkhart County.....		95
1915. Grant County.....	1,000	555
Starke County.....	1,000	400
Wells County.....	1,000	350
White County.....	1,000	420
Iowa—		
1903. Cerro Gordo County.....		25
1904. Story County.....		45
1904. Tama County.....		10

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF SOILS—Continued.

Title.	Copies received.	Copies distributed.
Advance Sheets, Soil Surveys—Continued.		
Iowa—Continued.		
1913. Bremer County.....		50
1914. Lee County.....		10
Pottawattamie County.....		40
Muscatine County.....		45
Webster County.....		55
1915. Sioux County.....	1,000	370
Van Buren County.....	1,000	375
Clinton County.....	1,000	300
Kansas—		
1903. Russell County.....		
1904. Garden City Area.....		
1906. Riley County.....		
1911. Reno County.....		15
Shawnee County.....	15	15
1912. Cherokee County.....		15
Greenwood County.....		10
Jewell County.....		15
1913. Montgomery County.....		25
1915. Cowley County.....		300
Kentucky—		
1903. Mason County.....		15
Scott County.....		15
1905. McCracken County.....		
Madison County.....		
1910. Rockcastle County.....		
1912. Christian County.....		
1915. Jessamine County.....		55
Louisiana—		
1908. Bienville Parish.....		35
East and West Carroll Parishes.....		70
1909. Lincoln Parish.....		30
1911. Iberia Parish.....		50
1912. East Feliciana Parish.....		45
1914. Webster Parish.....		20
1915. Lafayette Parish.....		70
Maine—		
1908. Carbon Area.....		
1909. Orono Area.....		15
Maryland—		
1909. Anne Arundel County.....		120
1914. Montgomery County.....		280
Massachusetts—		
1911. Plymouth County.....		
Michigan—		
1904. Owosso Area.....		
Saginaw Area.....		30
1905. Oxford Area.....		20
1912. Genesee County.....		
Minnesota—		
1909. Rice County.....		15
1913. Goodhue County.....		45
1914. Ramsey County.....		145
Pennington County.....	1,000	545
Mississippi—		
1907. Jasper County.....		65
Oktibbeha County.....		50
Prentiss County.....		30
1908. Holmes County.....		50
1909. Clay County.....		60
1910. Lauderdale County.....		25
1911. Forrest County.....		25
Lowndes County.....		90
Wayne County.....		150
1912. Lafayette County.....		25
Lincoln County.....	190	30
Warren County.....		10
Winston County.....		35
1913. Jones County.....		55
Wilkinson County.....		10
1914. Clarke County.....		10
Jefferson Davis County.....		30
Coahoma County.....	1,000	365
Grenada County.....	1,000	470
Chickasaw County.....	1,000	300

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 628)—Continued.

BUREAU OF SOILS—Continued.

Title.	Copies received.	Copies distributed.
Advance Sheets, Soil Surveys—Continued.		
Missouri—		
1903. Shelby County.....		20
1908. Bates County.....		
1909. Atchison County.....		
Cedar County.....		
Cooper County.....		45
1910. Cape Girardeau County.....		25
Marion County.....		50
1911. Franklin County.....		
Laclede County.....		
Macon County.....		20
Platte County.....		70
1912. Barton County.....		
Carroll County.....		85
Cass County.....		
Miller County.....		85
Stoddard County.....		
1913. Greene County.....		25
Nodaway County.....		15
Perry County.....		25
Ralls County.....		
1914. Grundy County.....		30
Harrison County.....		30
Johnson County.....		70
Pettis County.....		85
Dunklin County.....	1,000	560
Dekalb County.....	1,000	530
1915. Buchanan County.....	1,000	475
Newton County.....	1,000	520
Ripley County.....	1,000	520
Montana—		
1914. Bitter Root Valley.....	1,000	490
Nebraska—		
1911. Reconnoissance of western Nebraska.....		80
1912. Otoe County.....		15
1913. Douglas County.....		20
Saunders County.....		125
1914. Scotts Bluff County.....		65
Nemaha County.....		50
Thurston County.....	175	
Seward County.....		5
Gage County.....		110
Polk County.....		385
1915. Richardson County.....	1,000	300
Washington County.....	1,000	380
Nevada—		
1909. Fallon Area.....		30
New Hampshire—		
1906. Merrimack County.....		65
1909. Nashua Area.....		
New Jersey—		
1911. Sussex Area.....		50
1913. Freehold Area.....	50	
1915. Camden Area.....	1,000	380
New Mexico—		
1912. Mesilla Valley.....		40
Middle Rio Grande Valley.....		25
New York—		
1910. Monroe County.....		55
Ontario County.....		30
1911. Jefferson County.....		45
1912. Orange County.....		75
1913. Oneida County.....		30
1914. Clinton County.....		55
Chautauque County.....		375
Schoharie County.....	1,000	350
North Carolina—		
1906. Transylvania County.....		15
1907. Edgecombe County.....		35
Henderson County.....		25
1908. Caswell County.....		
Robeson County.....		
1909. Gaston County.....		
Lake Mattamuskeet Area.....		
Pitt County.....		30
Scotland County.....		

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF SOILS—Continued.

Title.	Copies received.	Copies distributed.
Advance Sheets, Soil Surveys—Continued.		
North Carolina—Continued.		
1910. Cabarrus County.....		
Granville County.....		25
Mecklenburg County.....		25
1911. Johnston County.....		25
Richmond County.....		25
1912. Ashe County.....		
Pender County.....		15
1913. Forsyth County.....		
Randolph County.....		25
1914. Bladen County.....		125
Rowan County.....		25
Union County.....		50
Lincoln County.....		180
Wake County.....		295
1915. Alleghany County.....	1,000	460
Wayne County.....	1,000	525
Davidson County.....	1,000	450
Anson County.....	1,000	320
North Dakota—		
1907. Mount McKenzie Area.....	25	
1912. Barnes County.....		15
1914. Dickey County.....	1,000	475
Lamoure County.....	1,000	460
Ohio—		
1900. Montgomery County.....		
1903. Ashtabula County.....		
1904. Coshcootn County.....		
Westerville County.....	155	
Wooster County.....		
1906. Meigs County.....		
1909. Auglaize.....		
1913. Stark County.....		25
1914. Portage County.....		45
Faulding County.....		45
Trumbull County.....		40
1915. Geauga County.....		180
Hamilton County.....	1,000	430
Oklahoma—		
1913. Muskogee County.....		60
1914. Bryan County.....		10
Roger County.....	1,000	390
Oregon—		
1911. Medford County.....		
1912. Hood River-White Salmon River Area.....		60
Pennsylvania—		
1905. Lock Haven Area.....		
1907. Johnston County.....		
1909. Berks County.....		
1910. Washington County.....		
1911. Bedford County.....	5	
Bradford County.....		
Reconnoissance of Northeastern Pennsylvania.....		25
1912. Lehigh County.....		40
Reconnoissance of Southeastern Pennsylvania.....		40
York County.....		40
1914. Lancaster County.....	1,000	705
1915. Blair County.....	1,000	435
Cambria County.....	1,000	395
Porto Rico—		
1902. Arecibo to Ponce.....		
South Carolina—		
1902. Darlington Area.....		
1903. Campobello Area.....		25
1904. Orangeburg Area.....		
1907. Lee County.....		20
Oconee County.....		
Sumter County.....		
1909. Anderson County.....		
Conway County.....		45
Saluda County.....		
1910. Clarendon County.....		
1911. Fairfield County.....		25
Georgetown County.....		40
1912. Barnwell County.....		
Chester County.....		
1913. Bamberg County.....		30
Orangeburg County.....		
Union County.....		

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF SOILS—Continued.

Title.	Copies received.	Copies distributed.
Advance Sheets, Soil Surveys—Continued.		
South Carolina—Continued.		
1914. Chesterfield County.....	65	225
Florence County.....	1,000	370
1915. Dorchester County.....	1,000	355
Hampton County.....		
Tennessee—		
1903. Davidson County.....		25
Pikeville County.....		25
1904. Greenville Area (North Carolina and Tennessee).....		40
Lawrence County.....		25
1906. Grainger County.....		25
Madison County.....		25
1907. Giles County.....		55
1908. Coffee County.....		30
Overton County.....		25
1909. Sumner County.....		35
1902. Putnam County.....		25
Robertson County.....		
1903. Jackson County.....		
Texas—		
1907. Bastrop County.....		
Cooper County.....		20
Robertson County.....		25
Wilson County.....		15
1908. Franklin County.....		
1909. Grayson County.....		35
Morris County.....		5
Titus County.....		
1910. Ellis County.....		
1912. Archer County.....		165
Harrison County.....		20
1913. Reconnoissance of South Central Texas.....		30
Jefferson County.....		5
Washington County.....		20
1914. Brazos County.....		660
1915. Smith County.....	1,000	370
Utah—		
1903. Provo Area.....		
1904. Bear River Area.....		15
1912. Cache Valley Area.....		10
Virginia—		
1909. Campbell County.....		40
1913. Henrico County.....		
1914. Frederick County.....		170
1915. Fairfax and Alexandria Counties.....	1,000	320
Washington—		
1911. Quincy Area.....	225	
Reconnoissance of Southwestern Washington.....		35
1913. Stevens County.....		75
1914. Franklin County.....		1,000
Point Pleasant Area.....		400
West Virginia—		
1905. Upshur County.....		
1906. Wheeling Area.....		
1907. Middlebourne Area.....		
1909. Spencer Area.....		
1910. Clarksburg Area.....		
Point Pleasant Area.....		
1911. Huntington Area.....		10
Morgantown Area.....		
1912. Preston County.....		
1913. Boone County.....		
Logan and Mingo Counties.....		
1914. Raleigh County.....		
McDowell and Wyoming Counties.....		10
1915. Gilmer and Lewis.....	1,000	310
Wisconsin—		
1903. Viroqua Area.....		
1905. Portage County.....		
1909. Waushara County.....		150
1910. Bayfield Area.....		25
Iowa County.....		
Waukesha County.....		
1911. Columbia County.....		25
Fond du Lac County.....		25
Juneau County.....		40
Kewaunee County.....		20
La Crosse County.....		30

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

BUREAU OF SOILS—Continued.

Title.	Copies received.	Copies distributed.
Advance Sheets, Soil Surveys—Continued.		
Wisconsin—Continued.		
1912. Jefferson County.....	80	
1913. Buffalo County.....		55
Dane County.....		80
Reconnaissance of Northeastern Wisconsin.....		570
1914. Reconnaissance of North Part of North Central Wisconsin.....	1,000	
Wyoming—		
1903. Laramie Area.....		
Total.....	66,405	45,315

BUREAU OF CROP ESTIMATES.

Report of the statistician:		
1914.....		
1915.....		
1916.....	2,500	1,200
Miscellaneous:		
Government Crop Reports: Their Value, Scope, and Preparation.....		6,110
Monthly Crop Report:		
Volume 2—		
No. 7.....	156,000	156,000
No. 8.....	151,000	151,000
No. 9.....	156,000	156,000
No. 10.....	151,000	151,000
No. 11.....	161,000	161,000
No. 12.....	170,000	170,000
Volume 3—		
No. 1.....	159,000	159,000
No. 2.....	159,000	159,000
No. 3.....	159,000	159,000
No. 4.....	162,000	162,000
No. 5.....	160,000	160,000
Department Bulletins (contributed by the Bureau of Crop Estimates):		
No. 66. Statistics of Sugar in the United States and Its Insular Possessions.....		395
No. 74. Inland Boat Service. Freight Rates on Farm Products and Time of Transit on Inland Waterways in the United States.....		160
No. 296. Our Foreign Trade in Farm and Forest Products.....		415
No. 325. Honey Bees: Wintering, Yields, Imports and Exports of Honey.....		1,350
No. 473. Production of Sugar in the United States and Foreign Countries.....	5,000	5,000
No. 483. Statistics of Fruits in Principal Countries.....	5,000	5,000
No. 514. Wheat Yields per Acre and Prices, 50 years, by States.....	5,000	4,305
No. 515. Corn Yields Per Acre and Prices, 50 years, by States.....	5,000	4,600
Total.....	1,766,500	1,772,535

SEPARATES FROM THE YEARBOOK.

No. 27. Tobacco Soils of Connecticut and Pennsylvania.....		120
No. 29. Conditions in Soils of the Arid Regions.....		115
No. 344. Relation of Birds to Fruit Growing in California.....		55
No. 453. The Status of American Lemon Industry.....		
No. 503. Conditions Influencing the Production of Sugar Beet Seed in the United States.....		
No. 504. Plants Useful to Attract Birds and Protect Fruit.....		875
No. 537. Insect Enemies of Tobacco in the United States.....		
No. 539. The Respiration Calorimeter and the Results of Experiments With It.....		
No. 540. Increased Yields of Corn from Hybrid Seed.....		
No. 548. Fire Prevention and Control in the National Forests.....		
No. 552. The Effect of the Present Method of Handling Eggs in the Industry and the Product.....		
No. 560. Fibers Used for Binder Twine.....	1,000	300
No. 569. Decomposition and Its Microscopical Detection in Some Food Products.....		
No. 571. Crawfish as Crop Destroyers.....		
No. 574. The Waste Economy of Dry Land Crops.....	500	500
No. 578. The Value of Snow Surveys as Related to Irrigation Projects.....		
No. 579. Cotton Improvement on a Community Basis.....		130
No. 582. Green Vegetables and Their Uses in the Diet.....	1,000	1,000
No. 583. The Value of Predaceous Beetles in Destroying Insect Pests.....		
No. 586. A New Respiration Calorimeter for Use in the Study of Problems of Vegetable Physiology.....		25
No. 591. The Handling of Dressed Poultry a Thousand Miles from the Market.....		500

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

SEPARATES FROM THE YEARBOOK—Continued.

Title.	Copies received.	Copies distributed.
No. 592. Some Results Obtained in Studying Ripening Bananas with the Respiration Calorimeter.....	1,000	340
No. 596. How the Produce Dealer May Improve the Quality of Poultry and Eggs.....		545
No. 598. The Chestnut Bark Disease.....		
No. 605. Improved Methods of Handling and Marketing Cotton.....	2,000	955
No. 606. Dairying and Its Relation to Agriculture in Semiarid Sections.....		120
No. 608. The Settlement of Irrigated Lands.....		
No. 609. Some New Grasses for the South.....		
No. 610. Raisins, Figs, and Other Dried Fruits and Their Use.....	1,000	100
No. 618. Promising New Fruits.....		500
No. 622. Practical Tree Surgery.....	2,500	600
No. 623. Supplementing Our Meat Supply with Fish.....	2,000	1,105
No. 626. The Organization of Rural Interests.....		1,600
No. 627. The Production of Beef in the South.....		
No. 628. Hemp.....		
No. 630. Statistics of Agricultural Crops.....		805
No. 631. Live Stock and Miscellaneous Agricultural Statistics, 1913.....		75
No. 632. The Organization of a Rural Community.....		
No. 635. Story of the Thermometer and Its Use in Agriculture.....		150
No. 636. Retail Public Market.....		765
No. 637. Cooperative Marketing Association and Financing of Marketing Association.....		
No. 638. State Management of Public Roads, Its Development and Trend.....	2,260	
No. 639. Apple Sirup and Concentrated Cider Products for Utilizing Surplus and Cull Apples.....		165
No. 640. The Economy of Farm Drainage.....		150
No. 641. Movement from City and Town to Farm.....		470
No. 642. Our Shore Birds and Their Future.....		200
No. 643. The Preparation of Fertilizer from Municipal Waste.....		525
No. 644. The American Farm Woman as She Sees Herself.....		240
No. 646. Selection of Household Equipment.....		200
No. 647. The Egg and Poultry Demonstration Car Work in Reducing Our \$50,000 Waste in Eggs.....	5,000	1,135
No. 649. Hard Wheats Winning Their Way.....		300
No. 650. Meat Production in Australia and New Zealand.....		155
No. 651. The Farm Woodlot Problem.....		80
No. 652. Nematodes and Their Relationships.....		60
No. 653. Edible Snails.....		70
No. 654. Statistics of Grain Crops.....		100
No. 655. Statistics of Crops Other Than Grain Crops.....		95
No. 656. Live Stock, 1914, and Census Data.....		150
No. 657. Imports and Exports of Agricultural Products.....		150
No. 658. The Cooperative Purchase of Farm Supplies.....	20,000	85
No. 659. Winter Crop Roots.....	500	19,885
No. 660. How Engineering May Help Farm Life.....	1,000	500
No. 661. Some Outstanding Factors in Profitable Farming.....	2,000	1,000
No. 662. Pointers on Marketing Woodlot Products.....	5,000	1,550
No. 663. How Hawaii Helps Her Farmers to Market Their Produce.....	500	850
No. 664. Unprofitable Acres.....	500	400
No. 665. Shipping Fish Three Thousand Miles to Market.....	500	500
No. 666. Animal Disease and Our Food Supply.....	500	400
No. 667. The Boys' Pig Club Work.....	2,000	375
No. 668. A Successful Rural Cooperative Laundry.....	1,500	1,600
No. 669. The Poultry Club Work in the South.....	1,000	1,060
No. 670. Osage Orange Waste as a Substitute for Fusicle Dyewood.....	1,000	900
No. 671. China a Fruitful Field for Plant Exploration.....	500	910
No. 672. How the Whole Country Demonstrated.....	3,000	400
No. 673. Karakul Sheep.....	1,500	2,915
No. 674. Recent Grasshopper Outbreaks and Latest Methods of Controlling Them.....	1,500	1,230
No. 675. How the Department of Agriculture Promotes Organization in Rural Life.....	10,000	1,300
No. 676. Economic Importance of the Federal Inspection of Meats.....	500	9,850
No. 677. The Production and Handling of Grain in Argentina.....	500	450
No. 678. Improvement and Management of Native Pastures in the West.....	1,500	500
No. 679. How Seed Testing Helps the Farmer.....	500	975
No. 680. Stories of the Atmosphere.....	300	400
No. 681. Improved Methods of Handling and Marketing Cotton.....	5,000	195
No. 682. Statistics of Grain Crops, 1915.....	5,000	5,690
No. 683. Statistics of Crops Other than Grain Crops, 1915.....	5,000	3,880
No. 684. Live Stock and Miscellaneous Data, 1915.....	5,000	3,940
No. 685. Imports and Exports of Agricultural Products.....	5,000	3,765
No. 686. Color as an Indication of the Picking Maturity of Fruits and Vegetables.....	5,000	4,140
No. 687. The Plant Introduction Gardens of the Department of Agriculture.....	3,000	1,890
No. 688. Farms, Forests, and Erosion.....	20,000	1,575
No. 689. The Dasheen: Its Uses and Culture.....	3,000	1,750
No. 690. Agriculture on Government Reclamation Projects.....	3,000	3,000

Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1917 (28 Stat., 623)—Continued.

SEPARATES FROM THE YEARBOOK—Continued.

Title.	Copies received.	Copies distributed.
No. 691. Some American Vegetable Food Oils, Their Sources and Methods of Production.....	2,000	2,000
No. 692. Stallion Legislation and the Horse Breeding Industry.....	5,000	1,960
No. 693. Fur Farming as a Side Line.....	3,500	3,500
No. 694. The Function of Livestock in Agriculture.....	3,000	2,840
No. 695. The Present Status of the Sugar Beet Seed Industry in the United States.....	3,000	2,565
No. 696. Opening up the National Forests by Road Building.....	5,000	3,375
No. 697. Farmers Mutual Fire Insurance.....	5,000	5,000
No. 698. Meeting the Farmer Half Way.....	10,000	5,650
No. 699. A Federal Cooperative Cheese Manufacturing and Marketing Association.....	5,000	1,700
No. 700. The Thanksgiving Turkey.....	2,000	1,425
No. 701. Possibilities of a Market-Train Service.....	5,000	2,370
No. 702. Development and Localization of Truck Crops in the United States.....	5,000	3,820
No. 703. Pumping for Irrigation on the Farm.....	2,000	1,800
No. 704. The Practical Use of the Insect Enemies of Injurious Insects.....	3,000	2,325
No. 705. Business Essentials for Cooperative Fruit and Vegetable Canners.....	5,000	3,025
No. 706. Suppression of the Gipsy Moth and Brown Tail Moth and Its Value to States Not Infested.....	2,000	1,780
No. 707. An Experiment in Community Dairying.....	3,000	2,035
No. 708. Destroying Rodent Pests on the Farm.....	4,000	4,000
No. 709. Progress in Handling the Wool Clip.....	5,000	3,050
No. 710. The Effect of Home Demonstration Work on the Community and County in the South.....	3,000	2,310
No. 711. Cooperative Work Eradicating Citrus Canker.....	4,000	3,735
No. 712. Sewage Disposal on the Farm.....	4,000	3,600
No. 713. A Graphic Summary of World Agriculture.....	2,500	2,500
No. 714. The Meat Inspection Service of the United States Department of Agriculture.....	10,000	6,205
No. 715. Farm Tenancy in the United States.....	2,500	1,510
No. 716. The Stable Manure Business of Big Cities.....	1,000	1,000
No. 717. Importance of Developing Our Natural Resources of Potash.....	1,000	1,000
No. 718. Cooperative Bull Association.....	5,000	2,955
No. 719. Statistics of Grain Crops, 1916.....	5,000	1,450
No. 720. Statistics of Crops Other Than Grain Crops, 1916.....	5,000	1,745
No. 721. Live Stock and Miscellaneous Data.....	5,000	1,565
No. 722. Imports and Exports of Agricultural Products.....	5,000	1,355
Total.....	261,300	206,210

SUMMARY OF MISCELLANEOUS DISTRIBUTION, 1916-17.

Secretary.....	11,284,330	11,199,905
Bureau Animal Industry.....	744,190	742,970
Biological Survey.....	35,210	43,230
Chemistry.....	207,805	167,215
Entomology.....	116,500	105,555
States Relations Service.....	2,173,885	2,159,270
Forest Service.....	156,165	122,900
Library.....	500	1,790
Markets.....	707,850	624,800
Bureau Plant Industry.....	882,391	822,151
Publications.....	8,299,500	8,289,520
Roads.....	111,000	77,260
Soils.....	66,405	45,315
Crop Estimates.....	1,766,500	1,772,535
Extracts.....	261,300	206,210
Total.....	26,813,531	26,380,626

Congressional and miscellaneous distribution of farmers' bulletins from July 1, 1916, to July 1, 1917.

No. of bulletin.	Title.	Copies received.	Copies distributed.
22	The Feeding of Farm Animals.....	5,000	23,175
30	Grape Diseases on the Pacific Coast.....		1,650
34	Meats: Composition and Cooking.....	125,000	107,100
44	Commercial Fertilizers: Composition and Use.....		9,450
48	The Manuring of Cotton.....		1,700
51	Standard Varieties of Chickens.....	95,000	103,000
55	The Dairy Herd: Its Formation and Management.....	5,000	21,175
77	The Liming of Soils.....		12,550
81	Corn Culture in the South.....		5,700
85	Fish as Food.....		6,250
88	Alkali Lands.....		1,400
104	Notes on Frost.....	5,000	3,775
106	Breeds of Dairy Cattle.....	5,000	10,950
113	The Apple and How to Grow It.....	25,000	22,500
121	Beans, Peas, and Other Legumes as Food.....	50,000	50,200
127	Important Insecticides (a revision of Farmers' Bulletin 19).....	25,000	23,000
134	Tree Planting on Rural School Grounds.....	5,000	6,400
138	Irrigation in Field and Garden.....		800
139	Emmer: A Grain for the Semiarid Regions.....	5,000	5,050
140	Pineapple Growing.....		2,700
142	Principles of Nutrition and Nutritive Value of Food.....	30,000	36,000
152	Scabies in Cattle.....	5,000	4,450
154	The Home Fruit Garden: Preparation and Care.....	50,000	58,500
157	The Propagation of Plants.....	35,000	38,000
158	How to Build Small Irrigation Ditches.....		4,650
164	Rape as a Forage Crop.....	5,000	2,200
167	Cassava.....		6,100
170	Principles of Horse Feeding.....	15,000	10,150
172	Scale Insects and Mites on Citrus Trees.....		1,350
173	A Primer of Forestry.....	5,000	20,125
174	Broom Corn.....		3,325
176	Cranberry Culture.....		3,950
178	Insects Injurious to Cranberry Culture.....		1,575
179	Horseshoeing.....		9,650
181	Pruning.....	45,000	44,400
183	Meat on the Farm: Butchering, Curing, and Keeping.....	10,000	22,150
185	Beautifying the Home Grounds.....	35,000	33,250
188	Weeds Used in Medicine.....	5,000	13,975
192	Barnyard Manure (revision of No. 21).....	5,000	14,550
195	Annual Flowering Plants.....	10,000	30,460
196	Usefulness of the American Toad.....		175
197	Importation of Game Birds and Eggs for Propagation.....		6,000
198	Strawberries.....		14,850
200	Turkeys: Standard Varieties and Management.....	20,000	22,525
203	Canned Fruit, Preserves, and Jellies.....	430,000	325,900
204	The Cultivation of Mushrooms.....	25,000	20,275
205	Pig Management.....	110,000	117,900
206	Milk Fever: Its Simple and Successful Treatment.....	10,000	16,600
213	Raspberries.....	5,000	5,175
218	The School Garden.....	20,000	41,950
219	Lessons from the Grain Rust Epidemic of 1904.....	5,000	5,250
220	Tomatoes.....	15,000	22,850
229	The Production of Good Seed Corn.....	30,000	43,975
232	Okra: Its Culture and Uses.....	10,000	8,900
234	The Guinea Fowl and Its Use as Food.....		12,025
239	The Corrosion of Fence Wire.....		4,800
242	An Example of Model Farming.....		20,820
243	Fungicides and Their Use in Preventing Diseases of Fruit.....	5,000	11,000
245	Renovation of Wormout Soils.....		11,550
246	Saccharine Sorghums for Forage (revision of No. 50).....	5,000	3,250
249	Cereal Breakfast Foods.....	40,000	44,400
253	The Germination of Seed Corn.....	5,000	18,350
254	Cucumbers.....	40,000	43,850
255	The Home Vegetable Garden (superseding No. 94).....	400,000	373,325
256	Preparation of Vegetables for the Table.....	300,000	206,150
257	Soil Fertility.....	5,000	14,325
263	Practical Information for Beginners in Irrigation.....		5,700
266	Management of Soils to Conserve Moisture.....		3,450
269	Industrial Alcohol: Uses and Statistics.....		575
270	Modern Conveniences for the Farm Home.....	30,000	54,900
271	Forage Crop Practices in Western Oregon and Western Washington.....		2,775
272	A Successful Hog and Seed Corn Farm.....		15,276
274	Flax Culture.....		2,250
278	Leguminous Crops for Green Manuring.....	20,000	13,275
279	A Method of Eradicating Johnson Grass.....	10,000	11,650
282	Celery.....	10,000	10,000
283	Spraying for Apple Diseases and the Codling Moth in the Ozarks.....		2,050
284	Insect and Fungous Enemies of the Grape East of the Rocky Mountains.....		4,250
287	Poultry Management (superseding Bulletins Nos. 41 and 141).....	200,000	196,775
289	Beans.....	65,000	47,050

Congressional and miscellaneous distribution of farmers' bulletins from July 1, 1916, to July 1, 1917—Continued.

No. of bulletin.	Title.	Copies received.	Copies distributed.
290.	The Cotton Bollworm.	5,000	4,125
291.	Evaporation of Apples.	10,000	9,800
293.	Use of Fruit as Food.	20,000	31,975
294.	Farm Practice in the Columbia Basin Uplands.		2,200
295.	Potafoes and Other Root Crops as Food.	20,000	31,660
298.	Food Value of Corn and Corn Products.	20,000	37,900
301.	Home-grown Tea.		2,950
302.	Sea Island Cotton: Its Culture, Improvement, Diseases.		3,500
303.	Corn-harvesting Machinery.		7,825
304.	Growing and Curing Hops.		4,675
306.	Dodder in Relation to Farm Seeds.		3,300
310.	A Successful Alabama Diversification Farm.		3,500
311.	Sand-clay and Burnt-clay Roads.		9,125
312.	A Successful Southern Hay Farm.		3,800
313.	Harvesting and Storing Corn.	5,000	13,575
322.	Milo as a Dry-land Grain Crop.		475
323.	Clover Farming on the Sandy Jack-pine Lands of the North.		1,025
324.	Sweet Potatoes.	15,000	32,875
325.	Small Farms in the Corn Belt.		3,100
326.	Building Up a Run-down Cotton Plantation.		3,950
328.	Silver Fox Farming.		2,800
330.	Deer Farming in the United States.		2,645
331.	Forage Crops for Hogs in Kansas and Oklahoma.		3,050
337.	Cropping Systems for New England Dairy Farms.		1,104
338.	Macadam Roads.	10,000	10,325
339.	Alfalfa.	60,000	67,500
343.	The Cultivation of Tobacco in Kentucky and Tennessee.		600
345.	Some Common Disinfectants.	25,000	33,375
346.	The Computation of Rations for Farm Animals by the Use of Energy Values.	5,000	5,800
347.	The Repair of Farm Equipment.		8,000
349.	The Dairy Industry in the South.		2,625
350.	The Dehorning of Cattle.	25,000	21,050
351.	The Tuberculin Test of Cattle for Tuberculosis.	25,000	20,825
354.	Onion Culture.	85,000	46,450
355.	A Successful Poultry and Dairy Farm.	25,000	35,625
358.	A Primer of Forestry. Part 2.	5,000	9,450
359.	Canning Vegetables in the Home.	270,000	281,025
361.	Meadow Fescue: Its Culture and Uses.		3,450
363.	The Use of Milk as Food.	65,000	52,675
364.	A Profitable Cotton Farm.		3,100
365.	Farm Management in Northern Potato-growing Sections.		4,500
367.	Lightning and Lightning Conductors.	5,000	6,950
368.	Eradication of Bindweed or Wild Morning Glory.		1,500
369.	How to Destroy Rats.	50,000	48,850
370.	Replanning a Farm for Profit.		12,450
371.	Drainage of Irrigated Lands.		3,950
372.	Soy Beans (supersedes No. 58.)	70,000	68,000
373.	Irrigation of Alfalfa.		5,400
375.	Care of Food in the Home.	175,000	176,375
377.	Harmfulness of Headache Mixtures.		350
379.	Hog Cholera.	90,000	92,850
380.	The Loco-weed Disease.		2,650
382.	The Adulteration of Forage Plant Seeds.		5,800
386.	Potato Culture on Irrigated Farms of the East.		5,300
389.	Bread and Bread Making.		1,267
390.	Pheasant Raising in the United States.	5,000	9,575
391.	Economical Use of Meat in the Home.	400,000	237,700
392.	Irrigation of Sugar Beets.		6,700
394.	Use of Windmills in Irrigation in the Semiarid West.		2,500
395.	Sixty-day and Kherson Oats.	5,000	3,350
396.	The Muskrat.		5,000
398.	Farm Practice in the Use of Commercial Fertilizers in the South Atlantic States.		4,350
399.	Irrigation of Grain.		1,400
400.	A More Profitable Corn Planting Method.	5,000	6,600
401.	The Protection of Orchards in the Pacific Northwest from Spring Frosts by Means of Fires and Smudges.		2,000
402.	Canada Bluegrass: Its Culture and Uses.		3,265
403.	The Construction of Concrete Fence Posts.		7,450
404.	Irrigation of Orchards.		3,725
406.	Soil Conservation.	5,000	8,450
407.	The Potato as a Truck Crop.	35,000	32,075
411.	Feeding Hogs in the South (superseding No. 100).	50,000	52,050
413.	The Care of Milk and Its Use in the Home.	50,000	68,300
414.	Corn Cultivation (superseding No. 199).	60,000	79,800
415.	Seed Corn.		24,050
416.	The Production of Cigar Leaf Tobacco in Pennsylvania.		1,950
417.	Rice Culture.	5,000	6,700

Congressional and miscellaneous distribution of farmers' bulletins from July 1, 1916, to July 1, 1917—Continued.

No. of bulletin.	Title.	Copies received.	Copies distributed.
419	Experiment Station Work. LIX.		1,200
420	Oats: Distribution and Uses.		5,550
421	The Control of Blowing Soils.		1,650
422	Demonstration Work on Southern Farms.		6,875
423	Forest Nurseries for Schools.		1,800
424	Oats: Growing the Crop.	30,000	32,600
426	Canning Peaches on the Farm.	5,000	17,650
427	Barley Culture in the Southern States.		2,950
428	Testing Farm Seeds in the Home and in the Rural School.	15,000	27,000
429	Industrial Alcohol: Sources and Manufacture.		2,600
431	The Peanut (superseding No. 356).	60,000	53,150
432	How a City Family Managed a Farm.		19,000
433	Cabbage.	20,000	31,900
434	The Home Production of Onion Seeds and Sets.	20,000	22,850
436	Winter Oats for the South.		19,100
437	A System of Tenant Farming and Its Results.	5,000	4,025
438	Hog Houses.	20,000	42,975
439	Anthrax: With Special Reference to Its Suppression.		2,220
440	Spraying Peaches for the Control of Brown Rot, Scab, and Curculio.	25,000	18,900
442	The treatment of Bee Diseases.	30,000	28,475
443	Barley: Growing the Crop.		12,600
444	Remedies and Preventives Against Mosquitoes.	30,000	17,875
445	Marketing Eggs Through the Creamery.		9,075
446	The Choice of Crops for Alkali Lands.		4,125
447	Bees (superseding Nos. 39 and 397).	75,000	53,025
448	Better Grain Sorghum Crops.		4,300
449	Rabies or Hydrophobia.	5,000	8,700
450	Some Facts About Malaria.	30,000	32,000
452	Capons and Caponizing.	40,000	45,000
453	Danger of General Spread of the Gipsy and Brown-tail Moths Through Imported Nursery Stock.		3,580
454	A Successful New York Farm.		2,300
455	Red Clover.	30,000	28,850
456	Our Grosbeaks and Their Value to Agriculture.	5,000	5,250
458	The Best Two Sweet Sorghums for Forage.		325
460	Frames as a Factor in Truck Growing.	25,000	21,825
461	The Use of Concrete on the Farm.	35,000	33,480
462	The Utilization of Logged-off Land for Pasture in Western Oregon and Western Washington.		1,225
463	The Sanitary Privy.	25,000	25,000
464	The Eradication of Quack Grass.	10,000	10,500
466	Winter Emmer.		2,150
467	The Control of the Chestnut Bark Disease.		4,050
471	Grape Propagation, Pruning, and Training.	40,000	40,750
472	Systems of Farming in Central New Jersey.		2,800
473	Tuberculosis.	25,000	31,375
474	The Use of Paint on the Farm.		18,725
475	Ice Houses.	10,000	12,950
476	The Dying of Pine in the Southern States: Cause, Extent, and Remedy.		2,700
477	Sorghum Syrup Manufacture.	5,000	6,500
480	Practical Methods of Disinfecting Stables.	20,000	20,225
481	Concrete Construction on the Live-stock Farm.	35,000	29,800
482	The Pear and How to Grow It.		14,050
483	The Thornless Prickly Pear.		1,100
484	Some Common Mammals of Western Montana in Relation to Agriculture and Spotted Fever.		2,200
485	Sweet Clover.	2,000	29,275
487	Cheese and Its Economical Use in the Diet.	100,000	101,640
488	Diseases of Cabbage and Related Crops and Their Control.	10,000	17,525
489	Two Dangerous Imported Plant Diseases.		1,900
490	Bacteria in Milk.	15,000	20,675
491	The Profitable Management of the Small Apple Orchard on the General Farm.	25,000	31,525
492	The More Important Insect and Fungous Enemies of the Fruit and Foliage of the Apple.	10,000	21,225
493	The English Sparrow as a Pest.	10,000	13,550
494	Lawn Soils and Lawns.	30,000	52,800
495	Alfalfa Seed Production.	10,000	14,150
496	Raising Belgian Hares and Other Rabbits.	25,000	25,000
497	Some Common Game, Aquatic and Rapacious Birds in Relation to Man.	10,000	18,175
498	Methods of Exterminating the Texas Fever Tick.		32,225
500	The Control of the Boll Weevil.		1,575
501	Cotton Improvement under Weevil Conditions.	10,000	14,650
502	Timothy Production on Irrigated Land in the Northwestern States.		2,800
503	Comb Honey.	10,000	19,325
504	Experiment Station Work. LXX.		1,300
505	Benefits of Improved Roads.	50,000	36,725
506	Food of Some Well-known Birds of Forest, Farm, and Garden.		300

Congressional and miscellaneous distribution of farmers' bulletins from July 1, 1916, to July 1, 1917—Continued.

No. of bulletin.	Title.	Copies received.	Copies distributed.
507	The Smuts of Wheat, Oats, Barley, and Corn	35,000	42,075
508	Market Hay	15,000	11,900
509	Forage Crops for the Cotton Region	65,000	43,125
510	Game Laws for 1912		2,275
511	Farm Bookkeeping	20,000	38,650
512	The Boll-weevil Problem	50,000	59,175
513	Fifty Common Birds of Farm and Orchard		
515	Vetches		13,575
516	The Production of Maple Sirup and Sugar	10,000	12,000
517	Experiment Station Work. LXXII		450
518	Winter Barley	10,000	14,325
519	An Example of Intensive Farming in the Cotton Belt		4,200
521	Canning Tomatoes at Home and in Club Work	175,000	147,275
523	Tobacco Curing	10,000	9,100
524	Tile Drainage on the Farm	20,000	26,975
525	Raising Guinea Pigs	5,000	7,775
526	Mutton and Its Value in the Diet	65,000	59,175
528	Hints to Poultry Raisers	185,000	156,475
529	Vetch Growing in the South Atlantic States	5,000	5,445
530	Important Poultry Diseases	120,000	108,900
531	Larkspur, or "Poison Weed"	5,000	5,375
533	Good Seed Potatoes and How to Produce Them	30,000	53,625
534	Durum Wheat		4,700
535	Sugar and Its Value as Food	20,000	34,375
537	How to Grow an Acre of Corn	90,000	79,375
538	Sites, Soils, and Varieties of Citrus Groves in the Gulf States		4,100
539	Propagation of Citrus Trees in the Gulf States		1,790
540	The Stable Fly	15,000	15,925
541	Farm Butter Making	30,000	49,150
542	Culture, Fertilization, and Frost Protection of Citrus Groves in the Gulf States		3,650
543	Common White Grubs		8,700
544	Potato Tuber Diseases	65,000	45,725
545	Controlling Canada Thistles	10,000	11,575
546	How to Manage a Corn Crop in Kentucky and West Virginia		4,775
547	The Yellow Fever Mosquito		4,375
548	Storing and Marketing Sweet Potatoes	60,000	40,300
550	Crimson Clover: Growing the Crop	20,000	21,250
551	The Cultivation of American Ginseng		10,950
552	Kafrir as a Grain Crop		12,225
553	Pop Corn for the Home	55,000	39,685
554	Pop Corn for the Market	15,000	9,075
555	Cotton Anthracnose and How to Control It		8,200
557	The Potato Tuber Moth		6,875
559	Use of Corn, Kafrir, and Cowpeas in the Home		25,250
561	Bean Growing in Eastern Washington and Oregon, and Northern Idaho	15,000	5,400
562	The Organization of Boys' and Girls' Poultry Clubs	80,000	68,650
564	The Gipsy Moth and the Brown-tail Moth, with Suggestions for Their Control		7,750
565	Corn Meal as a Food and Ways of Using It	130,000	136,475
566	Boys' Pic Clubs	80,000	92,375
567	Sugar-beet Growing Under Irrigation	5,000	9,800
568	Sugar-beet Growing Under Humid Conditions		8,050
569	Texas or Tick Fever	60,000	27,025
571	Tobacco Culture		7,100
572	A System of Farm Cost Accounting	20,000	21,775
573	The Angora Goat		12,050
574	Poultry House Construction	110,000	99,200
576	Breeds of Sheep for the Farm	35,000	26,375
577	Growing Egyptian Cotton in the Salt River Valley, Ariz.		2,730
578	The Making and Feeding of Silage	20,000	47,200
579	Crimson Clover: Utilization		7,425
580	Beef Production in the South		30,300
582	Uses for Chestnut Timber Killed by the Bark Disease		14,800
583	The Common Mole of the Eastern United States	10,000	8,050
585	Natural and Artificial Incubation of Hens' Eggs	80,000	83,300
586	Collection and Preservation of Plant Material for Use in the Study of Agriculture	15,000	18,450
587	Economic Value of North American Skunks	10,000	8,700
588	Economic Cattle Feeding in the Corn Belt	20,000	34,300
589	Homemade Silos	15,000	29,800
591	The Classification and Grading of Cotton		12,700
592	Stock-watering Places on Western Grazing Lands		4,725
593	How to Use Farm Credit	40,000	29,030
594	Shipping Eggs by Parcel Post	30,000	48,475
595	Arsenate of Lead as an Insecticide Against the Tobacco Hornworms in the Dark Tobacco Districts		5,050
596	The Culture of Winter Wheat in the Eastern United States		13,480
597	The Road Drag and How it is Used	15,000	41,850

Congressional and miscellaneous distribution of farmers' bulletins from July 1, 1916, to July 1, 1917—Continued.

No. of bulletin.	Title.	Copies received.	Copies distributed.
599	Pasture and Grain Crops for Hogs on the Pacific Northwest.....	.....	3,325
600	An Outfit for Boring Taprooted Stumps for Blasting.....	.....	4,550
601	A New System of Cotton Culture and its Application.....	10,000	18,200
602	Production of Clean Milk.....	50,000	56,325
603	Arsenical Cattle Dips.....	30,000	37,025
605	Sudan Grass as a Forage Crop.....	.....	19,850
606	Collection and Preservation of Insects and Other Material for Use in the Study of Agriculture.....	.....	14,075
607	The Farm Kitchen as a Workshop.....	35,000	34,197
608	Removal of Garlic Flavor from Milk and Cream.....	10,000	19,275
609	Bird Houses and How to Build Them.....	80,000	75,460
610	Wild Onion: Method of Eradication.....	.....	6,825
612	Breeds of Beef Cattle.....	70,000	67,375
613	Goldenseal Under Cultivation.....	10,000	12,225
614	A Corn-belt Farming System Which Saves Harvest Labor by Hoggling Down Crops.....	.....	27,750
616	Winter Wheat Varieties for the Eastern United States.....	.....	8,250
617	School Lessons on Corn.....	30,000	40,000
618	Leaf Spot: A Disease of the Sugar Beet.....	.....	4,400
619	Breeds of Draft Horses.....	25,000	20,825
621	How to Attract Birds in Northeastern United States.....	.....	23,350
622	Basket Willow Culture.....	.....	8,105
623	Ice Houses and the Use of Ice on the Dairy Farm.....	15,000	22,800
624	Natural and Artificial Brooding of Chickens.....	70,000	83,125
625	Cotton Wilt and Root Knot.....	.....	7,550
626	The Carpet Beetle, or "Buffalo Moth".....	5,000	3,350
627	The House Centipede.....	.....	6,500
630	Some Common Birds Useful to the Farmer.....	90,000	82,150
631	Growing Peaches: Sites, Propagation, Planting, Tillage, and Maintenance of Soil Fertility.....	20,000	27,925
632	Growing Peaches: Pruning, Renewal of Crops, Thinning, Interplanted Crops, and Special Practices.....	35,000	27,750
633	Growing Peaches: Varieties and Classification.....	15,000	23,325
634	The Larger Corn Stalk Borer.....	.....	300
635	What the Farm Contributes Directly to the Farmer's Living.....	.....	21,425
636	The Chalcis-fly in Alfalfa Seed.....	.....	4,950
637	The Grasshopper Problem and Alfalfa Culture.....	.....	8,200
638	Laboratory Exercise in Farm Mechanics for Agricultural High Schools.....	10,000	15,125
639	Eradication of the Cattle Tick Necessary for Profitable Dairying.....	110,000	99,100
640	The Hessian Fly.....	.....	10,175
642	Tomato Growing in the South.....	60,000	54,000
643	Blackberry Culture.....	20,000	21,875
644	Manufacture and Use of Unfermented Grape Juice.....	.....	26,300
646	Crimson Clover Seed Production.....	20,000	26,150
647	The Home Garden in the South.....	80,000	80,000
648	The Control of the Root-knot.....	.....	6,400
649	Alfalfa Attacked by the Clover Root Curculio.....	.....	3,300
650	The San Jose Scale and Its Control.....	20,000	14,200
652	The Sheep-killing Dog.....	.....	10,900
653	Honey and Its Uses in the Home.....	50,000	50,250
654	How Farmers May Improve Their Personal Credit.....	70,000	23,375
655	Cottonseed Meal for Feeding Beef Cattle.....	30,000	14,350
656	The Community Egg Circle.....	15,000	27,725
657	The Chinch Bug.....	.....	10,235
658	Cockroaches.....	5,000	13,050
659	The True Clothes Moth.....	20,000	16,450
660	Weeds and How to Control Them.....	90,000	73,800
661	A Method of Analyzing the Farm Business.....	45,000	37,575
662	The Apple-tree Tent Caterpillar.....	.....	14,340
663	Drug Plants Under Cultivation.....	.....	26,025
664	Strawberry Growing in the South.....	.....	22,450
666	Foot-and-Mouth Disease.....	20,000	33,350
667	Breaking and Training Colts.....	45,000	42,250
668	The Squash-vine Borer.....	.....	7,560
669	Fiber Flax.....	.....	3,675
670	Field Mice as Farm and Orchard Pests.....	.....	9,350
671	Harvest Mites, or "Chiggers".....	.....	7,150
673	Irrigation Practice in Rice Growing.....	.....	3,100
674	Control of the Citrus Thrips in California and Arizona.....	.....	3,000
675	The Roundheaded Apple-tree Borer.....	.....	8,950
676	Hard Clover Seed and Treatment in Hulling.....	.....	5,400
677	Growing Hay in the South for Market.....	.....	21,000
678	Growing Hard Spring Wheat.....	.....	10,050
679	House Flies (supersedes No. 459).....	40,000	67,150
680	Varieties of Hard Spring Wheat.....	.....	7,260
681	The Silver Fish: An Injurious Household Insect.....	.....	6,650
682	A Simple Trap Nest for Poultry.....	70,000	82,400
683	Fleas as Pests to Man and Animals, with Suggestions for Their Control.....	.....	16,855
684	Squab Raising.....	30,000	36,275
685	The Native Persimmon.....	.....	9,000

Congressional and miscellaneous distribution of farmers' bulletins from July 1, 1916, to July 1, 1917—Continued.

No. of bulletin.	Title.	Copies received.	Copies distributed.
686	Uses of Sorghum Grain.....		12,625
687	Eradication of Ferns from Pasture Lands in the Eastern United States.....		4,175
688	The Culture of Rice in California.....		4,317
689	A Plan for a Small Dairy House.....	30,000	26,350
690	The Field Pea as a Forage Crop.....		18,750
691	Grasshoppers and Their Control on Sugar Beets and Truck Crops.....		6,490
693	Bur Clover.....		16,165
694	The Cultivation of Peppermint and Spearmint.....		9,000
695	Outdoor wintering of bees.....	42,800	40,300
696	Handling and Shipping Citrus Fruits in the Gulf States.....		5,225
697	Duck raising.....	90,000	78,975
698	Trenching Machinery Used for the Construction of Trenches for Tile Drains.....		13,500
699	Hydrocyanic-acid Gas Against Household Insects.....		9,450
700	Pecan Culture: With Special Reference to Propagation and Varieties.....	20,000	13,850
701	The Bagworm: An Injurious Shade-tree Insect.....		7,900
702	Cottontail Rabbits in Relation to Trees and Farm Crops.....	20,000	14,123
703	Suggestions for Parcel-post Marketing.....	70,000	72,350
704	Grain Farming in the Corn Belt with Live Stock as a Side Line.....	120,000	145,775
705	The Catalpa Sphinx.....		4,600
706	Laws Relating to Fur-bearing Animals.....		7,425
707	The Commercial Grading, Packing, and Shipping of Cantaloupes.....		10,775
708	The Leopard Moth: A Dangerous Imported Insect Enemy of Shade Trees.....		9,631
709	Muscadine Grapes.....		8,550
710	Bridge Grafting of Fruit Trees.....		10,950
711	The Care and Improvement of the Wood Lot.....	15,000	10,525
712	School Lunches.....	110,000	125,675
713	Sheep Scab.....		10,800
714	Sweet Potato Diseases.....		19,150
715	Measuring and Marketing Woodlot Products.....	30,000	31,408
716	Management of Sandy-land Farms in Northern Indiana and Southern Michigan.....		15,020
717	Food for Young Children.....	300,000	353,515
718	Cooperative Live-Stock Shipping Associations.....	20,000	28,875
719	An Economic Study of the Farm Tractor in the Corn Belt.....	30,000	20,500
720	Prevention of Losses of Live Stock from Plant Poisoning.....		25,122
721	The Rose Chafer.....	20,000	9,646
722	The Leaf Blister Mite of Pear and Apple.....	20,000	5,580
723	The Oyster-shell Scale and the Scurfy Scale.....		5,700
724	The Feeding of Grain Sorghums to Live Stock.....	30,000	24,731
725	Wireworms Destructive to Cereal and Forage Crops.....	30,000	7,965
726	Natal Grass: A Southern Perennial Hay Crop.....		16,554
727	Growing Fruit for Home Use in the Great Plains Area.....	20,000	34,950
728	Dewberry Culture.....	15,000	13,995
729	Corn Culture in the Southeastern States.....	50,000	48,500
730	Button Clover.....		6,048
731	The True Army Worm and Its Control.....	20,000	11,325
732	Marquis Wheat.....	30,000	14,489
733	The Corn and Cotton Wireworm in Its Relation to Cereal and Forage Crops, with Control Measures.....		5,865
734	Flytraps and Their Operation.....	30,000	39,893
735	The Red Spider on Cotton and How to Control It.....		10,747
736	Ginseng Diseases and Their Control.....	60,000	20,645
737	The Clover Leafhopper and Its Control in the Central States.....		17,921
738	Cereal Crops in the Panhandle of Texas.....		14,687
739	Cutworms and Their Control in Corn and Other Cereal Crops.....	40,000	48,252
740	House Ants: Kinds and Methods of Control.....	65,000	65,000
741	The Alfalfa Weevil and Methods of Controlling It.....	50,000	35,100
742	The White Pine Blister Rust.....	75,000	29,200
743	The Feeding of Dairy Cows.....	110,000	110,000
744	The Preservative Treatment of Farm Timbers.....	30,000	23,250
745	Waste Land and Wasted Lands on Farms.....	60,000	48,900
746	The Farmer's Income.....	100,000	68,575
747	Grasshoppers and Their Control in Relation to Cereal and Forage Crops.....	30,000	19,250
748	A Simple Steam Sterilizer for Farm Dairy Utensils.....	70,000	47,500
749	Grains for the Montana Dry Lands.....	60,000	31,027
750	Roses for the Home.....	125,000	85,975
751	Peanut Oil.....	30,000	20,475
752	The Army Worm, or "Grass Worm," and Its Control.....	20,000	17,670
753	Commercial Handling, Grading, and Marketing of Potatoes.....	100,000	84,850
754	The Bedbug.....	30,000	28,280
755	Common Birds of Southeastern United States in Relation to Agriculture.....	50,000	29,200
756	Culture of Rye in the Eastern Half of the United States.....	30,000	26,650
757	Commercial Varieties of Alfalfa.....	60,000	34,900
758	Muscadine Grape Sirup.....	45,000	28,425
759	"White Ants" as Pests in the United States and Methods of Preventing Their Damage.....	30,000	17,200

Congressional and miscellaneous distribution of farmers' bulletins from July 1, 1916, to July 1, 1917—Continued.

No. of bulletin.	Title.	Copies received.	Copies distributed.
760.	How to Attract Birds in Northwestern United States.	30,000	21,600
761.	Management of Muck-Land Farms in Northern Indiana and Southern Michigan.	30,000	18,700
762.	The False Chinch Bug and Measures for Controlling It.	30,000	14,900
763.	Orchard Barkbeetles and Pinhole Borers and How to Control Them.	30,000	20,100
764.	Ginning Cotton.	65,000	18,300
765.	Breeds of Swine.	50,000	50,000
766.	The Common Cabbage Worm.	45,000	32,300
767.	Goose Raising.	30,000	30,000
768.	Dwarf Broomcorns.	60,000	20,700
769.	Growing Grain on Southern Idaho Dry Farms.	60,000	32,500
770.	Canaries: Their Care and Management.	60,000	35,450
771.	Homemade Fireless Cookers and Their Use.	100,000	88,050
772.	Control of the Sugar Beet Nematode.	35,000	24,100
773.	Corn Growing Under Droughty Conditions.	75,000	71,300
774.	Game Laws for 1916.	90,000	90,000
775.	Losses from Selling Cotton in Seed.	35,000	19,950
776.	Growing Cherries East of the Rocky Mountains.	30,000	25,850
777.	Feeding and Management of Dairy Calves and Young Dairy Stock.	100,000	50,700
778.	The Powder-Post Beetle.	20,000	14,600
779.	How to Select a Sound Horse.	80,000	64,200
780.	Castration of Pigs.	50,000	50,000
781.	Tuberculosis of Pigs.	50,000	46,500
782.	The Use of a Diary for Farm Accounts.	30,000	23,800
783.	Laws Relating to Fur-bearing Animals, 1916.	30,000	25,100
784.	Anthrax or Charbon.	30,000	24,850
785.	Seed Flax Production.	30,000	20,900
786.	Fall Sown Grains in Maryland and Virginia.	30,000	18,022
787.	Sea Island Cotton.	30,000	13,750
788.	The Windbreak as a Farm Asset.	30,000	19,700
789.	Mushroom Insect Pests and How to Control Them.	30,000	13,700
790.	Contagious Abortion of Cattle.	100,000	71,050
791.	Turkey Raising.	50,000	45,800
792.	How the Federal Farm Loan Act Benefits the Farmer.	150,000	123,000
793.	Foxtail Millet.	30,000	26,000
794.	Citrus Fruit Improvement.	50,000	18,872
795.	The Domesticated Silver Fox.	15,000	13,500
796.	Some Common Edible and Poisonous Mushrooms.	30,000	16,372
798.	The Sheep Tick and Its Eradication by Dipping.	20,000	15,513
799.	Carbon Bisulphide as an Insecticide.	20,000	9,800
800.	Grain for the Dry Lands of Central Oregon.	30,000	20,740
801.	Mites and Lice on Poultry.	20,000	19,725
803.	Horse Breeding Suggestions for Farmers.	20,000	16,778
804.	Aphids Injurious to Orchard Fruits, Currants, Gooseberry, and Grapes.	20,000	17,400
806.	Standard Varieties of Chickens: I. The American Class.	30,000	30,000
807.	Bread and Bread Making.	130,000	130,000
808.	How to Select Foods: I. What the Body Needs.	90,000	90,000
809.	Marketing Live Stock in the South.	20,000	20,000
810.	Equipment for Farm Sheep Raising.	30,000	12,575
811.	Production of Baby Beef.	30,000	30,000
812.	How Live Stock is Handled in the Bluegrass Region of Kentucky.	30,000	11,734
814.	Bermuda Grass.	30,000	7,277
816.	Minor Articles of Farm Equipment.	20,000	10,678
817.	How to Select Foods: II. Cereal Foods.	50,000	38,441
818.	The Small Vegetable Garden.	1,000,000	1,000,000
820.	Sweet Clover: Utilization.	30,000	4,200
821.	Watermelon Diseases.	20,000	8,111
822.	Live Stock Classification at County Fairs.	20,000	2,500
823.	Sugar Beet Sirup.	30,000	28,700
827.	Shallot, or Egyptian Wheat.	30,000	15,879
835.	How to Detect Outbreaks of Insects and Save the Grain Crops.	20,000	2,796
838.	Harvesting Hay with the Sweep Rake Means by which Eastern Hay Growers May Save Labor.	30,000	12,293
839.	Home Canning by the One Period Cold Pack Method.	300,000	173,315
841.	Home and Community Drying of Fruits and Vegetables.	250,000	149,772
852.	Management of Common Storage Houses for Apples in the Pacific Northwest.	30,000	14,767
Total.		15,177,800	15,432,260



