

# DOCUMENTS RECEIVED AND DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE

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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.

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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 Woolly Apple Aphis.....		25
No. 102. Description of Some Weevils. Reared 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.
<b>Circulars—Continued.</b>		
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 Aphis 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.....		
No. 58. Reports of Drs. Moore, Ravenel, and Sedgwick upon the Federal Meat Inspection.....		325
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.....		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
<b>Special circulars (unnumbered):</b>		
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
<b>Department bulletins (contributed by the Office of the Secretary):</b>		
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
<b>Miscellaneous:</b>		
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 Insectonus.....		
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-Naphtholeune 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 P. 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	9,200
No. 14. (Month not given).....	14,000	8,300
No. 15. (Month not given).....	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.....		
Amendments 2 to 7. White Pine Blister Rust.....	5,000	5,000
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.....		
Same. Amendment 2.....	4,000	4,000
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.....		
Index to 1916.....	3,000	3,000
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.....	2,500	1,000
Department Bulletins (contributed by the Office of Farm Management):		
No. 410. Value to Farm Families of Food, Fuel, and Use of House.....	5,000	5,000
No. 411. System of Renting Truck Farms in Southeastern New Jersey.....	3,000	3,000
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.....	5,000	5,000
No. 423. Labor Requirements of Dairy Farms as Influenced by Milking Machines.....	3,000	3,000
No. 425. Farming on the Cut-over Lands of Michigan, Wisconsin, and Minnesota.....	5,000	4,400
No. 446. The Cost of Producing Apples in Wenatchee Valley, Wash.....	5,000	4,700
No. 482. Farming in the Bluegrass Region.....	4,000	3,500
No. 492. An Economic Study of Farming in Sumter County, Ga.....	4,000	2,800
No. 500. The Cost of Producing Apples in Western Colorado.....	5,000	2,700
No. 501. The Cost of Producing Milk.....	5,000	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 Fattening 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	
No. 85. Food and Drugs Act (court decision).....		50
No. 86. Food and Drugs Act (court decision).....		240
No. 87. Food and Drugs Act (court decision).....	80	
No. 88. Food and Drugs Act (court decision).....	500	500
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.....	500	350
No. 74. Certificates for Imported Meats and Meat-Food Products of Cattle, Sheep, Swine, and Goats.....	500	375
No. 75. The Labeling of Mixtures of Cane and Maple Sirups.....		25
No. 76. Dyes, Chemicals, and Preservatives in Foods.....		550
No. 77 and 106. Certificate and Control of Dyes Permissible for Use in Coloring Foods and Foodstuffs.....		
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. 28 (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.....		500
No. 118. Labeling of Whiskey Compounds Under F. I. D. 113.....	500	415
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.....		875
No. 127. Decision of the Attorney General in Regard to the Labeling of Whiskies Sold Under Distinctive Names.....c.....		
No. 128. Sago and Tapioca.....	500	360
No. 129. The Certification of Straight Dyes and Mixtures Secondary Certificates (Amendment to F. I. D. 77).....		1,000
No. 130. Amendment to Regulation 5.....	500	450
No. 131. The Composition of Evaporated Milk.....	500	250
No. 132. The Use of Homogenized Butter and Skimmed Milk in the Manufacture of Ice Cream.....		
No. 134. Labeling of New Orleans Molasses.....	500	300
No. 135. Saccharin in Food.....		750
No. 136. Labeling of Chocolate and Cocoa.....		500
No. 137. The Use of Charlock as a Substitute for Mustard.....		550
No. 138. Saccharin in Food.....		
No. 139. The Use of the Term Sweet Oil.....		490
No. 140. Labeling of Vinegar.....		
No. 141. Labeling of Maraschino and Maraschino Cherries.....		
No. 142. Saccharin in Food.....		510
No. 143. The Labeling of Candied Citron.....		
No. 144. Canned Foods, Use of Water, Brine, Sirup, Sauce, and Similar Substances in the Preparation Thereof.....		1,000
No. 145. Bleached Oats and Barley.....		900
No. 146. The Use of Saccharin in Food.....		500
No. 147. Absinth.....		
No. 148. Use of Copper Salts in the Greening of Foods.....		500
No. 150. Frozen Citrus Fruit.....		200
Nos. 153 and 155. Amendment to Regulation 9 and Changing Effective Date of Food Inspection Decision No. 153.....		1,000
No. 154. Regulation of Marking the Quantity of Food in Package Form.....		4,550
No. 155. Changing Effective Date of F. I. D. 153.....		2,095
No. 157. Amendment to Regulation 29.....		1,970
No. 158. Condensed Milk, Evaporated Milk, and Concentrated Milk.....		40
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.....		25
No. 162. Egg Noodles and Plain Noodles.....		
No. 163. Amending Regulation 29.....		3,800
No. 164. Colors in Food (Amendment to Food Inspection Decisions 76, 117, 129).....		500
No. 165. Cacao Products.....		500
No. 166. Rocky Ford Melons.....		500
No. 167. Use of Guaranty Legends and Serial Numbers on Labels, etc.....		5,080
No. 168. Amending Paragraph E of Regulation 29.....	15,000	11,700
No. 169. Edible Vegetable Fats and Oils.....	15,000	12,740
No. 170. Sweetened Condensed Milk, Condensed Skimmed Milk, etc.....	15,000	5,000
Index Food Inspection Decisions 40-170.....	10,000	2,800
General Information Concerning F. I. D. 153 and 155.....	10,000	10,000
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.
<b>Reports of the chief of bureau:</b>		
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
<b>Bulletins:</b>		
No. 67. Necrotic Stomatitis.....	1,000	325
No. 81. Milk Supply of Boston, New York, and Philadelphia.....		190
No. 120. Intracellular Euzym of <i>Penicillium</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
<b>Circulars:</b>		
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 Anconia 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
<b>Separates and annual reports:</b>		
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.....		
From twenty-seventh report, 1910. The Ancestry of Domesticated Cattle.....		95
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, 1916.....	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
Bighead in 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, Fleshings, 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.....		50
Order 174.....		
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 Bacillus Bulgaricus in Starters for Making Cheese of the Swiss or Emmetal 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.....		
No. 206. The Wool Grower and the Wool Trade.....	4,200	
No. 259. Studies on Charges in the Degree of Oxidation of Arsenic and Arsenical Dipping Baths.....		285
No. 280. The Vagrant Dog as a Menace to the Public Welfare.....		365
No. 319. Fermented Milk.....		1,050
No. 342. The Present Status of the Pasteurization of Milk.....	1,000	1,000
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 Bacterium Pullorum 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.....		300
No. 81. The Imported Wild Duck Foods.....		
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.....		
1916.....	2,000	1,665
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. Enological 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.....		135
No. 54. Analysis of Canned Peas and Beans.....	75	
No. 59. Destruction of the Enzym Invertase by Acids, Alkalis, and Hot Water.....		
No. 60. A Theory of Influence of Acids and Alkalis on Activity of Invertase.....		
No. 61. How to Kill and Bleed Market Poultry.....	5,000	2,775
No. 64. Studies of Poultry from the Farm to the Consumer.....		900
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 Enzymes 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 Bromin.....	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.....	20,000	7,500
Knife for Killing Poultry.....		
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.....		
No. 3.....		20
No. 4.....		
No. 5.....		500
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.....		
No. 224. A Study of the Preparation of Frozen and Dried Eggs in the Producing Section.....		575
No. 335. Development of Sugar and Acid in Grapes During Ripening.....		1,650
No. 369. Bacteria in Commercial Bottled Waters.....		235
No. 378. Fish Meal: Its Use as a Stock and Poultry Food.....		140
No. 379. Dust Explosions and Fires in Grain Separators in the Pacific Northwest.....	4,000	4,000
No. 448. Separation and Identification of Food-Coloring Substances.....	5,000	4,800
No. 452. The Chemical Composition of American Grapes in the Central and Eastern States.....	4,000	3,000
No. 493. A Study of American Beers and Ales.....	3,000	3,000
No. 524. Detection of Lime Used as a Neutralizer in Dairy Products.....	5,000	3,050
No. 538. Shrimp: Handling Transportation and Uses.....	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.....		40
Same. Part 3. The Clover-Root Curculio.....		
Same. Part 6. Contributions to Knowledge of Corn-Root Aphid.....		
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.....		
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.
<b>Bulletins—Continued.</b>		
No. 111. The Hop Aphis 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.....		
<b>Bulletins (Technical Series):</b>		
No. 12. Contents and Index.....		25
No. 16. Papers on Coccidae or Scale-Insect. Part 5. Germs Fiorinia in the United States.....		
Same. Part 7. Index to Catalogues of Recently Described Coccidae 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 Larvæ 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 Aphis.....		
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 Aphis.....		
No. 26. American Black Flies or Buffalo Gnats.....		
No. 27. Classification of Aleyrodidae. Part 2.....		
Same. Contents and Index.....		
<b>Circulars:</b>		
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 Aphis.....		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. Arsenate of Lead as an Insecticide Against the Tobacco Hornworms.....		110
<b>Miscellaneous:</b>		
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 Housefly Larvae as Indicating a Favorable Remedial Measure.....		550
No. 15. A Sealed Paper Carton to Protect Cereals from Insects Attack.....		75
No. 19. The Grape Leaf-hopper in the Lake Erie Valley.....		
No. 59. The Tobacco Splitworm.....		160
No. 88. The Control of the Codling Moth in the Pecos Valley in New Mexico.....		175
No. 92. Destruction of Infectious Bee Diseases by Heating.....		
No. 93. The Temperature of the Honey Bee Cluster in Winter.....		465
No. 95. Insect Damage to the Cones and Seeds of Pacific Coast Conifers.....		110
No. 96. The Temperature of the Bee Colony.....		25
No. 100. Walnut Aphides in California.....		325
No. 111. The Sequoia Pitch Moth, A Menace to Pine in Western Montana.....		95
No. 112. The Oat Aphis.....		390
No. 113. The Lesser Bud Moth.....		440
No. 124. The Alfalfa Caterpillar.....		220
No. 131. Repellants for Protecting Animals from the Attacks of Flies.....		375
No. 134. Citrus Fruit Insects in Mediterranean Countries.....		
No. 160. Cactus Solution as an Adhesive in Arsenical Sprays for Insects.....		90
No. 161. The Mediterranean Fruit-Fly in Bermuda.....		150
No. 165. Quassia as a Contract Insecticide.....		200
No. 170. The European Pine Moth: A Serious Menace to Pine Timber in America.....		180
No. 173. The Life History and Habits of the Pear Thrips.....		
No. 184. The Huisache Girdler.....		315
No. 189. Studies on the Codling Moth in the Central Appalachian Region.....		400
No. 192. Insects Affecting Vegetable Crops in Porto Rico.....		215
No. 204. Report on the Gipsy Moth Work in New England.....		
No. 226. The Verbena Bud-Moth.....		250
No. 231. Recent Studies of the Mexican Cotton Boll Weevil.....		155
No. 233. Relation of the Arizona Wild Cotton Weevil to Cotton Planting in the Arid West.....		180
No. 235. Control of Dried Fruit Insects in California.....		100
No. 239. The Eggplant-Lace Bug.....		
No. 243. Cone Beetles: Injury to Sugar Pine and Western Yellow Pine.....		600
No. 245. Further Experiments in the Destruction of Fly Larvae in Horse Manure.....		610
No. 248. Fleas.....		230
No. 255. Douglas Fir Pitch Moth.....		65
No. 256. Katydid Injurious to Oranges in California.....		185
No. 263. The Cranberry Root Worm.....		
No. 264. The Violet Rove-Beetle.....		2,000
No. 265. The Dock Flase-Worm; An Apple Pest.....		2,000
No. 293. The Grasshopper Outbreak in New Mexico During the Summer of 1913.....		190
No. 295. The Zimmerman Pine Moth.....		100
No. 329. Notes on Five North American Buffalo Gnats of the Genus Simulium.....		140
No. 344. Studies on the Biology of the Arizona Cotton Weevil.....		250
No. 352. The Cherry Leaf-Beetle: A Periodically Important Enemy of Cherries.....		470
No. 358. Studies of the Mexican Cotton Boll Weevil in the Mississippi Valley.....		255
No. 363. The Pink Corn Worm: An Insect Destructive to Corn in the Crib.....		605
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.....		10
Report of the Director, 1916.....	2,500	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.....		115
No. 205. Irrigation in Wyoming.....		
No. 214. Irrigation in the State of Washington.....		25
No. 215. Irrigation in New Mexico.....		50
No. 218. Irrigation in Colorado.....		25
No. 222. Irrigation in Texas.....		
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.....		85
No. 40. The Soils of the Hawaiian Islands.....		
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 Changa, 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. Enfermedades Del Cafe Causadas Por Hongos in Puerto Rico (Spanish edition).....	3,000	3,000
No. 18. Experiments Con Aboro EnArboles Del Geners 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 (23 Stat., 623)—Continued.*

## STATES RELATIONS SERVICE—Continued.

Title.	Copies received.	Copies distributed.
<b>Separates:</b>		
(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 Ors. Annual Report, 1911)	245	
(1507) Farmers' Institutes in the United States. (Reprint from Ors. Annual Report 1911)		
<b>Miscellaneous publications:</b>		
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		
Same. Year Ended June 30, 1914		5
Same. Year Ended June 30, 1915	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	250,000	250,000
Tinning, Copping, and Soldering Cans	50,000	50,000
<b>Agricultural Education Monthly:</b>		
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
<b>Farm Demonstration Monthly:</b>		
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
<b>Farmers' institute lectures:</b>		
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—		
No. 5 .....	30	
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—		
No. 1 .....		
No. 2 .....		
No. 4 .....		
No. 5 .....		
No. 6 .....		
No. 7 .....		
No. 8 .....		5
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.....		430
No. 8.....		
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.....	20	
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.....	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.....	105	.....
No. 8.....	7,500	7,280
No. 9.....	7,500	7,370
Index number.....	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.....	11,000	11,000
No. 449. A Study of Electrolytic of Silver Cleaning.....	13,000	13,000
No. 464. Lessons on Poultry for Rural Schools.....	15,000	15,000
No. 467. The Food Value and Uses of Poultry.....	9,000	9,000
No. 468. Potatoes, Sweet Potatoes, and other Starchy Roots as Food.....	10,000	10,000
No. 469. Fats and Economical Use in the Home.....	10,000	10,000
No. 470. The Digestibility of the Gram Sorghums.....	5,000	4,625
No. 471. Eggs and Their Value as Food.....	6,000	6,000
No. 487. Judging Horses as a Subject of Instruction in Secondary Schools.....	12,000	12,000
No. 503. Turnips, Beets, and Other Succulent Roots and Their Use as Food.....	5,000	5,000
No. 505. Digestibility of Some Vegetables.....	5,500	5,500
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.....		
No. 103. Distinguishing Characteristics of North American Gum Wood.....		210
No. 104. Principles of Drying Lumber at Atmospheric Pressure and Humidity Diagram.....	105	15
No. 105. Wood Turpentines, 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.....		
No. 38. Instructions to Engineers of Timber Tests.....		30
No. 40. Utilizations of Lupuls.....		100
No. 41. Forest Planting on the Coal Lands in Western Pennsylvania.....		85
No. 59. Eucalypts.....	140	
No. 60. Red Pine.....		320
No. 61. How to Transplant Forest Trees.....		
No. 67. White Pine.....	110	
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	
No. 134. Estimation of Moisture in Creosoted Wood.....		80
No. 135. Chestnut Oak in the Southern Appalachian.....	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.
<b>Circulars—Continued.</b>		
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 Sulphuration 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
<b>Miscellaneous publications:</b>		
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.....		
<b>Field program:</b>		
July, 1916.....	3,800	3,800
October, 1916.....	3,800	3,800
January, 1917.....	3,700	3,700
April, 1917.....	3,700	3,700
<b>Department bulletins (contributed by the Forest Service):</b>		
No. 11. Forest Management of Loblolly Pine in Delaware, Maryland, and Virginia.....		155
No. 24. Cottonwood in the Mississippi Valley.....		120
No. 34. Range Improvement by Deferred and Rotation Grazing.....		380
No. 55. Balsam fir.....		740
No. 67. Tests of Rocky Mountain Woods for Telephone Poles.....		50
No. 72. Suitability of Long-leaf Pine for Paper Pulp.....		130
No. 77. Rocky Mountain Mine Timbers.....		100
No. 80. Effect of Varying Certain Cooking Conditions in Producing Soda Pulp from Aspen.....		60
No. 86. Tests of Wooden Barrels.....		10
No. 87. Flumes and fluming.....		115
No. 101. Relative Resistance of Various Conifers to Injection with Creosote.....		60
No. 129. Yields from the Destructive Distillation of Certain Hardwoods.....		75
No. 139. Norway Pine in the Lake States.....		60
No. 152. The Eastern Hemlock.....		150
No. 153. Forest Planting in the Eastern United States.....		275
No. 154. The Life History of Lodgepole Pine in the Rocky Mountains.....		165
No. 207. The Cypress and Juniper Trees of the Rocky Mountain Regions.....		215
No. 210. Seed Production of Western White Pine.....		75
No. 229. The Naval Stores Industry.....	235	
No. 232. The Production of Lumber in 1913.....		385
No. 234. Utilization and Management of Lodgepole Pine in the Rocky Mountains.....		180
No. 244. Life History of Shortleaf Pine.....		155
No. 272. Southern Cypress.....		215
No. 285. Northern Hardwood Forest: Its Composition, Growth, and Management.....		940
No. 286. Strength Tests of Structural Timber Treated by Commercial Wood Preserving Processes.....		100
No. 299. The Ash Species, Characteristics and Management.....		105
No. 308. Shortleaf Pine: Its Economic Importance and Forest Management.....		35
No. 327. Spruce and Balsam Fir Trees of the Rocky Mountain Region.....		265
No. 354. Forest of Porto Rico.....	1,000	1,000
No. 364. Forest Conservation for States in the Southern Pine Region.....		2,175
No. 426. Sugar Pine.....	17,000	14,300
No. 440. Lumbering in the Sugar and Yellow Pine Regions in California.....	15,000	6,360
No. 460. The Pine Trees of the Rocky Mountain Region.....	6,000	3,400
No. 474. True Mahogany.....	8,000	7,815
No. 475. Reforestation on the National Forests.....	9,000	3,000
No. 479. Nursery Practice on the National Forests.....	7,000	5,615
No. 481. The Status and Value of Farm Wood Lots in the Eastern United States.....	8,000	2,000



## 26 REPORT OF DOCUMENTS RECEIVED AND DISTRIBUTED—1917.

*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.....		515
No. 7. Mar. 17, 1916.....		505
No. 8. Apr. 15, 1916.....		500
No. 9. Apr. 29, 1916.....		26,000
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. 16, 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 Actinidias, 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 Actinidias.....		
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 .....		
Irrigated Pastures for Northern Reclamation Projects .....	13,500	13,500
A Lister Attachment for a Cotton Planter .....	3,000	2,665
Recipes for the Preparation of the Dasheen .....	8,000	8,000
Tests of Pima Egyptian Cotton in the Salt River Valley, Ariz. ....	3,000	2,560
Distribution of Tulip and Narissus Bulbs in 1916 .....	15,000	15,000
Distribution of Cotton Seed in 1917 .....	120,000	120,000
Economical Methods of Cutting Seed Potatoes .....	30,000	30,000
The Work of the Scotts Bluff Reclamation Project Experiment Farm in 1913 .....		
The Work of the Scotts Bluff Reclamation Project Experiment Farm in 1914 .....		50
The Work of the Scotts Bluff Reclamation Project Experiment Farm in 1915 .....	2,500	1,700
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 .....		1,700
The Work of the Huntley Reclamation Project Experiment Farm in 1915 .....	2,500	100
The Work of the Umatilla Reclamation Project Experiment Farm in 1913 .....		100
The Work of the Umatilla Reclamation Project Experiment Farm in 1914 .....		
The Work of the San Antonio Reclamation Project Experiment Farm in 1913 .....		100
The Work of the San Antonio Reclamation Project Experiment Farm in 1914 .....	2,500	2,405
The Work of the San Antonio Reclamation Project Experiment Farm in 1915 .....		
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 .....		130
No. 60. The Relation of Cotton Buying to Cotton Growing .....		200
No. 63. Facts Governing the Successful Shipment of Oranges from Florida .....		1,015
No. 64. Potato Wilt Leaf Roll and Related Diseases .....		440
No. 79. Research Studies on the Curing of Leaf Tobacco .....		50
No. 81. The Potato Quarantine and the American Potato Industry .....		840
No. 84. Experiments with Udo, The Japanese Vegetable .....		100
No. 89. The Death of Chestnuts and Oaks Due to Armillaria Millea .....		240
No. 91. Cost and Methods of Clearing Land in the Salt Lake States .....		50
No. 99. Tests of Selections from Hybrids and Commercial Varieties of Oats .....		295
No. 102. Acidity as a Factor in Determining the Degree of Soundness in Corn .....		225
No. 104. Thrips as Pollinators of Beet Flowers .....		15
No. 109. The Molds of Cigars and Their Prevention .....		175
No. 116. New Facts Concerning the White Pine Blister Rust .....		750
No. 117. Profits in Farming on Irrigated Areas in Utah Lake Valley .....		200
No. 119. Five Oriental Species of Beans .....		
No. 120. Apple Powdery Mildew and Its Control in the Fajaro 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. Mycoyone 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 Fallen 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.....		110
No. 169. Injury by Disinfectants to Seed and Roots in Sandy Soils.....		120
No. 172. The Varieties of Plums Derived from Native American Species.....		160
No. 179. Native American Species of Prunes.....		60
No. 182. Agricultural Alcohol: Studies of Its Manufacture in Germany.....		405
No. 183. Morphology of the Barley Grain with Reference to Its Enzym Secreting Areas.....		35
No. 188. The Importance of Thick Seeding in the Production of Milo in the San Antonio Region.....		
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 Vinivira 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.....		20
No. 227. Toxicity Tests of Various Oils and Salts, Particularly Those Used in Wood Preservation.....		90
No. 242. Corn, Milo, and Kafir in the Southern Great Plains Area: Relation of Cultural Methods to Production.....		70
No. 247. A Disease of Pine Caused by Cronartum Pyriform.....		
No. 253. The Effect of Different Times of Plowing Small Grain Stubble in Eastern Colorado.....		905
No. 270. Cereal Experiments at Williston, N. Dak.....		405
No. 274. Factors Governing the Successful Shipments of Red Raspberries from the Puyallup Valley, Wash.....		250
No. 282. A Study of the Soft Resins in Sulphured and Unsulphured Hops in Cold and in Open Storage.....		
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. Zacaton 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 Horsemint.....		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 Paecitica 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
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Aleyrodids, 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 conotrachell</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-Crotic 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>Sphaeropsis 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>Spongopora 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 Aphis. (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 Aphis. (Ento.).....	1,200	1,115
A Specific Mosaic Disease in <i>Nicotiana glauca</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 Orthoclast-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 Crowngall. (B. P. I.).....	3,000	2,735
Volume 8, No. 6—		
Sorospora 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).....	830	795
Leafspot-Rot of Pond Lilies Caused by Helicospodium nymphaeaeum. (B. P. I.).....	1,500	1,435
Volume 8, No. 7—		
Studies of the Genus Phytophthora. (B. P. I.).....	1,500	1,425
Tetrastichus Bruchophagi, a Recently Described Parasite of Bruchophagus funebris. (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 Choanophora Cucurbitarum. (Secretary)	820	780
Discovery of Internal Tella Produced by a Species of Cronartium. (B. P. I.).....	1,500	1,500
Effect of Irrigation Water and Manure on the Nitrates and Total Soluble Salts of the Soil. (Secretary).....	135	785
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 Sclerotium Rotisii. (Secretary).....	810	810
Transformation of Pseudoglobulin into Euglobulin. (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).....	130	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 Stage 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).....	190	860
Comparison of the Hourly Evaporation Rate of Atometers and Free Water Surfaces with the Transpiration Rate of Medicago Sativa. (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 Ageratoides the Cause of Trembles. (Secretary).....	500	475
Hybrids of Zea Romosa and Sea Tunicata.....	1,500	1,085
Toxicity of Various Benzine Derivatives to Insects. (Secretary).....	450	400
Volume 9, No. 12—		
A New Strain of Rhizoctonia Solani 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 Phizoctonia. (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.....	9,000	4,300
No. 414. Convict Labor for Road Work.....	1,000	1,000
No. 462. Irrigation in Florida.....	5,000	5,000
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.....		
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. Sassafraz 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



## 42 REPORT OF DOCUMENTS RECEIVED AND DISTRIBUTED—1917.

*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.....		95
No. 46. A Descriptive Catalogue of the Soils of Virginia, so far Identified in the Soil Survey.....	45	
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. Ashley 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 Valley.....		155
1914. Merced Area.....		60
Reconnaissance Soil Survey of 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
Chattooga County.....		
Dougherty County.....		15
Reconnaissance of Tattnall County.....		
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
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	
1912. Cherokee County.....		15
Greenwood County.....		10
Jewell County.....		15
1913. Montgomery County.....		25
1915. Cowley County.....	1,000	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	
Warren County.....		30
Winston County.....		10
1913. Jones County.....		35
Wilkinson County.....		55
1914. Clarke County.....		10
1915. 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., 623)—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. Reconnaissance 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.....	1,000	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
Chautauqua 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 Mattamuskeett 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. Carbarus County.....		
Granville County.....		
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. Coshocton County.....		
Westerville County.....	155	
Wooster County.....		
1906. Meigs County.....		
1909. Auglaize.....		
1913. Stark County.....		25
1914. Portage County.....		45
Paulding 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—		
1903. Lock Haven Area.....		
1907. Johnston County.....		
1909. Berks County.....		
1910. Washington County.....		
1911. Bedford County.....		5
Bradford County.....		
Reconnaissance of Northeastern Pennsylvania.....		25
1912. Lehigh County.....		40
Reconnaissance 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.....		30
1913. Bamberg County.....		
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.....		370
1915. Dorchester County.....	1,000	355
Hampton County.....	1,000	
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.....		20
Cooper County.....		25
Robertson County.....		15
Wilson County.....		
1908. Franklin County.....		35
1909. Grayson County.....		5
Morris County.....		
Titus County.....		165
1910. Ellis County.....		20
1912. Archer County.....		30
Harrison County.....		5
1913. Reconnaissance of South Central Texas.....		20
Jefferson County.....		660
Washington County.....	1,000	370
1914. Brazos County.....	1,000	
1915. Smith County.....		
Utah—		
1903. Provo Area.....		15
1904. Bear River Area.....		10
1912. Cache Valley Area.....		
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	35
Reconnaissance of Southwestern Washington.....		75
1913. Stevens County.....		400
1914. Franklin County.....	1,000	
West Virginia—		
1905. Upshur County.....		
1906. Wheeling Area.....		
1907. Middlebourne Area.....		
1909. Spencer Area.....		
1910. Clarksburg Area.....		10
Point Pleasant Area.....		
1911. Huntington Area.....		
Morgantown Area.....		
1912. Preston County.....		
1913. Boone County.....		
Logan and Mingo Counties.....		
1914. Raleigh County.....		10
McDowell and Wyoming Counties.....		310
1915. Gilmer and Lewis.....	1,000	
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.....		55
1913. Buffalo County.....	80	80
Dane County.....		80
Reconnaissance of Northeastern Wisconsin.....	1,000	570
1914. Reconnaissance of North Part of North Central Wisconsin.....		
Wyoming—		
1903. Laramie Area.....		
Total.....	66,405	45,815

## 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.....		100
No. 610. Raisins, Figs, and Other Dried Fruits and Their Use.....	1,000	500
No. 618. Promising New Fruits.....		
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.....		805
No. 630. Statistics of Agricultural Crops.....		75
No. 631. Live Stock and Miscellaneous Agricultural Statistics, 1913.....		
No. 632. The Organization of a Rural Community.....		7,415
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.....		2,260
No. 638. State Management of Public Roads, Its Development and Trend.....		165
No. 639. Apple Sirup and Concentrated Cider Products for Utilizing Surplus and Cull Apples.....		150
No. 640. The Economy of Farm Drainage.....		470
No. 641. Movement from City and Town to Farm.....		200
No. 642. Our Shore Birds and Their Future.....		525
No. 643. The Preparation of Fertilizer from Municipal Waste.....		240
No. 644. The American Farm Woman as She Sees Herself.....		200
No. 646. Selection of Household Equipment.....	5,000	1,135
No. 647. The Egg and Poultry Demonstration Car Work in Reducing Our \$50,000 Waste in Eggs.....		300
No. 649. Hard Wheats Winning Their Way.....		155
No. 650. Meat Production in Australia and New Zealand.....		80
No. 651. The Farm Woodlot Problem.....		60
No. 652. Nematodes and Their Relationships.....		70
No. 653. Edible Snails.....		100
No. 654. Statistics of Grain Crops.....		95
No. 655. Statistics of Crops Other Than Grain Crops.....		150
No. 656. Live Stock, 1914, and Census Data.....		150
No. 657. Imports and Exports of Agricultural Products.....		85
No. 658. The Cooperative Purchase of Farm Supplies.....	20,000	19,885
No. 659. Winter Crow Roosts.....	500	500
No. 660. How Engineering May Help Farm Life.....	1,000	1,000
No. 661. Some Outstanding Factors in Profitable Farming.....	2,000	1,550
No. 662. Pointers on Marketing Woodlot Products.....	5,000	850
No. 663. How Hawaii Helps Her Farmers to Market Their Produce.....	500	400
No. 664. Unprofitable Acres.....	500	500
No. 665. Shipping Fish Three Thousand Miles to Market.....	500	400
No. 666. Animal Disease and Our Food Supply.....	500	375
No. 667. The Boys' Pig Club Work.....	2,000	1,600
No. 668. A Successful Rural Cooperative Laundry.....	1,500	1,060
No. 669. The Poultry Club Work in the South.....	1,000	900
No. 670. Osage Orange Waste as a Substitute for Fustie Dyewood.....	1,000	910
No. 671. China a Fruitful Field for Plant Exploration.....	500	400
No. 672. How the Whole Country Demonstrated.....	3,000	2,915
No. 673. Karakul Sheep.....	1,500	1,230
No. 674. Recent Grasshopper Outbreaks and Latest Methods of Controlling Them.....	1,500	1,300
No. 675. How the Department of Agriculture Promotes Organization in Rural Life.....	10,000	9,850
No. 676. Economic Importance of the Federal Inspection of Meats.....	500	450
No. 677. The Production and Handling of Grain in Argentina.....	500	500
No. 678. Improvement and Management of Native Pastures in the West.....	1,500	975
No. 679. How Seed Testing Helps the Farmer.....	500	400
No. 680. Stories of the Atmosphere.....	300	195
No. 681. Improved Methods of Handling and Marketing Cotton.....	5,000	5,690
No. 682. Statistics of Grain Crops, 1915.....	5,000	3,880
No. 683. Statistics of Crops Other than Grain Crops, 1915.....	5,000	3,940
No. 684. Live Stock and Miscellaneous Data, 1915.....	5,000	3,765
No. 685. Imports and Exports of Agricultural Products.....	5,000	4,140
No. 686. Color as an Indication of the Picking Maturity of Fruits and Vegetables.....	5,000	1,890
No. 687. The Plant Introduction Gardens of the Department of Agriculture.....	3,000	1,575
No. 688. Farms, Forests, and Erosion.....	20,000	16,750
No. 689. The Dasheen: Its Uses and Culture.....	3,000	3,000
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 Canneries.....	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 Tenantry 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
196	Usefulness of the American Toad.....	10,000	30,450
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 Wornout Soils.....		11,850
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	9,600
293.....	Use of Fruit as Food.....	20,000	31,975
294.....	Farm Practice in the Columbia Basin Uplands.....		2,200
295.....	Potatoes 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	3,550
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. 59 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	35,480
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 Sirup 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.....	90,000	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.....		4,575
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.	Kafir as a Grain Crop.....		12,225
553.	Pop Corn for the Home.....	55,000	39,585
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, Kafir, and Cowpeas in the Home.....	15,000	25,250
561.	Bean Growing in Eastern Washington and Oregon, and Northern Idaho.....		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' Pig 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 Hogging 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"		3,350
627	The House Centipede	5,000	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 Chalcid-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.....	39,000	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 Bisulphid 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.....	Shallu, 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

