

# DOCUMENTS RECEIVED AND DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE

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## LETTER FROM THE SECRETARY OF AGRICULTURE

TRANSMITTING

A DETAILED REPORT SHOWING PUBLICATIONS RECEIVED  
AND DISTRIBUTED BY THE DEPARTMENT OF  
AGRICULTURE DURING THE FISCAL  
YEAR ENDED JUNE 30, 1918



DECEMBER 5, 1918.—Referred to the Committee on Expenditures in the  
Department of Agriculture and ordered to be printed

WASHINGTON  
GOVERNMENT PRINTING OFFICE  
1918



## LETTER OF TRANSMITTAL.

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DEPARTMENT OF AGRICULTURE,  
*Washington, December 2, 1918.*

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 the Department of Agriculture during the fiscal year ended June 30, 1918.

Very respectfully,

D. F. HOUSTON, *Secretary.*

THE SPEAKER OF THE HOUSE OF REPRESENTATIVES.





# DOCUMENTS RECEIVED AND DISTRIBUTED, FISCAL YEAR, 1918

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (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.
<b>Annual Report of the Secretary:</b>		
1917.....	5,000	4,500
1917 (press copies).....	2,500	2,500
1917 (summary).....	5,000	5,000
<b>Annual Report of the Department: 1917.....</b>	<b>400</b>	<b>400</b>
<b>Yearbooks of the Department:</b>		
1912.....		445
1914.....		520
1915.....		65
1916.....		23,290
1917.....	30,000	5,375
<b>Reports (departmental):</b>		
No. 95. Agricultural Possibilities of the Canal Zone.....		
No. 99. Classification of the Sub-Family Cryphalinae.....		
No. 100. Potash from Kelp.....		50
No. 101. The Woolly Apple Aphis.....		
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 Preonina.....		
No. 111. Meat Situation in the United States: Part 3—Methods and Cost of Growing Beef Cattle in the Corn Belt States.....		70
No. 113. Part 5—Methods and Cost of Marketing Live Stock and Meats.....		640
No. 114. Some Public and Economic Aspects of the Lumber Industry.....		28,595
No. 115. The Distribution of Soft Wood Lumber in the Middle West. I—Wholesale Distribution Studies of the Lumber Industry.....	40,000	37,875
No. 116. Same. II—Retail Distribution Studies of the Lumber Industry.....	42,000	37,425
No. 117. The Substitution of Other Materials for Wood: Studies of the Lumber Industry.....	30,000	30,000
<b>Circulars:</b>		
No. 19. Standard of Purity for Food Products.....		2,980
No. 21. Rules and Regulations for the Enforcement of the Food and Drug Act.....		3,175
No. 34. Rules and Regulations for Carrying Out the Provisions of the Insecticide Act of 1910.....	5,000	1,830
No. 37. The Department of Agriculture in Relation to a National Law to Prevent the Importation of Insect-Infected or Diseased Plants.....		
No. 44. Rules and Regulations for Carrying Out the Plant Quarantine Act.....		
No. 46. Rules and Regulations of the Secretary of Agriculture Under the Cotton Futures Act of August 18, 1914.....		100
Same, Amendment 1.....		100
Same, Amendment 2.....		
Same, Amendment 3.....		
Same, Amendment 4.....		
Same, Amendment 5.....		
Same, Amendment 6.....		
Same, Amendment 7.....		
Same, Amendment 8.....		
No. 47. Cooperative Agriculture Extension Work.....		230
No. 48. Marketing Maine Potatoes.....		2,070
No. 50. Diversified Agriculture and the Relation of the Banker to the Farmer.....		415
No. 51. The Hessian Fly Situation in 1915.....		400
No. 52. State Highway Mileage and Expenditures.....		200
No. 54. A System of Pasturing Alfalfa in Salt River Valley, Ariz.....		
No. 55. The Spring Grain Aphis or Green Bug in the Southwest and the Possibilities of an Outbreak in 1916.....		
No. 56. Safe Farming.....		260

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## OFFICE OF THE SECRETARY—Continued.

Title.	Copies received.	Copies distributed.
Circulars—Continued.		
No. 57. The Influence of Relative Area in Intertilled and Other Classes of Crops on Crop Yield.....		
No. 58. Reports of Doctors Moore, Ravenel, and Sedgwick upon the Federal Meat Inspection.....		
No. 59. Automobile Registration, Licenses, and Revenues in the United States, 1915.....		300
No. 60. Amortization Method 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.....		200
No. 62. Factors of Apportionments Under Federal Aid Appropriation for Fiscal Year 1917.....		100
No. 63. State Highway Mileage and Expenditures for the Calendar Year 1915.....		3,000
No. 64. Rules and Regulations of the Secretary of Agriculture Under the United States Cotton Futures Act of August, 1916.....		
Same, Amendment 1. Cotton Standards.....	25,000	24,740
No. 65. Rules and Regulations for Carrying Out the Federal Aid Road Act.....		2,675
No. 66. Suggestions for the Manufacture and Marketing of Creamery Butter in the South.....		1,080
No. 67. Measuring Hay in Ricks or Stacks.....		1,150
No. 68. Improved Apparatus for Use in Making Acidity Determinations of Corn.....		
No. 69. Forest Fires in the United States in 1915.....		20
No. 70. Rules and Regulations Governing the Grain Standard Act.....		3,410
Same, Amendment 1.....	60,000	45,000
Same, Amendment 2.....	60,000	45,000
Same, Amendment 3.....	60,000	45,000
Same, Amendment 4.....	60,000	45,000
Same, Amendment 5. (Not issued).....	1,500	1,050
No. 71. Winter Egg Production.....		920
No. 72. Width of Wagon Tires Recommended for Loads of Varying Magnitudes on Earth and Gravel Roads.....		150
No. 73. Automobile Registration Licenses and Revenues in the United States.....		1,095
No. 74. State Highways Mileage and Expenditures for the Calendar Year 1916.....	5,000	3,015
No. 75. Agricultural Program for the Period Beginning with the Autumn of 1917.....	75,000	54,900
No. 76. Rules and Regulations of the Secretary Under the United States Standard Container Act.....	26,000	26,000
No. 77. Experimental Roads in the Vicinity of Washington.....	3,000	2,505
No. 78. Method of Sale by the United States Government of Nitrate of Soda to Farmers.....	66,000	63,040
No. 79. Emergency Fuel from the Farm Woodlot.....	30,000	30,000
No. 80. The Disposal of City Garbage by Feeding of Hogs.....	10,500	10,500
No. 81. Harvesting, Picking, Thrashing, and Storing of Peanuts.....	60,000	45,865
No. 82. Rules and Regulations of the Secretary of Agriculture Under the Food Products Inspection Law of Aug. 10, 1917.....	80,000	56,100
No. 83. Swine Judging Suggestions for Pig-Club Members.....	200,000	200,000
No. 84. Agricultural Situation for 1918. Part 1—Hogs. Hog Production Should be Increased.....	16,000	16,000
No. 85. Agricultural Situation for 1918. Part 2—Dairying. Dairy Production Should be Maintained.....	30,000	30,000
No. 86. Agricultural Situation for 1918. Part 3—Sugar. More Beet and Cane Sugar Should be Produced.....	20,000	20,000
No. 87. Agricultural Situation for 1918. Part 4—Honey. More Honey Needed.....	30,000	30,000
No. 88. Agricultural Situation for 1918. Part 5—Cotton. Maintaining the Supply of Cotton.....	20,000	20,000
No. 89. Agricultural Situation for 1918. Part 6—Rice. Produce More Rice.....	20,000	20,000
No. 90. Agricultural Situation for 1918. Part 7—Wheat. More Wheat is Needed for Home Use and for the Allies.....	20,000	20,000
No. 91. Agricultural Situation for 1918. Part 8—Corn. A Large Acreage of Corn Needed.....	20,000	20,000
No. 92. Agricultural Situation for 1918. Part 9—Potatoes. An Ample Supply of Potatoes Needed.....	20,000	20,000
No. 93. Agricultural Situation for 1918. Part 10—Wool. War Makes More Sheep and Wool Necessary.....	20,000	20,000
No. 94. Rules and Regulations of the Secretary of Agriculture Under the United States Warehouse Act of Aug. 11, 1916.....	20,000	10,680
No. 95. Errors in the Weight of Print Butter. Their Causes and Prevention.....	10,000	6,575
No. 96. Sugar Supply of the United States. Its Extent and Distribution on Aug. 31, 1917.....	10,000	10,000
No. 97. Lard Supply.....	15,000	15,000
No. 98. The Supply of Canned Salmon in the United States.....	10,000	10,000
No. 99. Commercial Stocks of Miscellaneous Cereals.....	15,000	15,000
No. 100. Commercial Stocks of Wheat and Flour.....	10,000	10,000
No. 101. Commercial Stocks of Miscellaneous Animal Food Products.....	10,000	10,000

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## OFFICE OF THE SECRETARY—Continued.

Title.	Copies received.	Copies distributed.
<b>Circulars—Continued.</b>		
No. 102. Movable Hog Houses.....	200,000	200,000
No. 103. Agricultural Production for 1918, with Special Reference to Spring Planting and to Live Stock.....	275,000	275,000
No. 104. Commercial Stocks of Fertilizer and Fertilizer Materials in the United States.....	10,000	10,000
No. 105. Methods of Sale of War Emergency Seed Corn to Farmers in Certain States by the United States Department of Agriculture.....	31,000	31,000
No. 106. Use Potatoes to Save Wheat.....	500,000	500,000
No. 107. Agricultural Situation for 1918. Part II—Poultry. One Hundred Hens on Every Farm, One Hundred Eggs from Every Hen.....	25,000	25,000
No. 108. Not issued.		
No. 109. Cottage Cheese Dishes.....	550,000	550,000
No. 110. Use Peanut Flour to Save Wheat and Fat.....	200,000	200,000
No. 111. Use Barley—Save Wheat.....	120,000	120,000
No. 112. The Farm Labor Problem.....	160,000	160,000
No. 113. Use Soy Bean Cake Meal to Save Wheat, Meat, and Fat.....	100,000	100,000
<b>Special circulars (unnumbered):</b>		
Feeding the Farm Cow in the South.....		17,500
Advantage of Dairying in the South.....		23,600
The Feeding and Care of Dairy Calves.....		27,180
Marketing Butter and Cream in the South.....		34,265
Horse and Mule Raising in the South.....		11,275
Producing Sheep on Southern Farms.....		1,165
Making Farm Butter in the South.....		21,700
Shall Southern Farmers Build Creameries?.....		26,785
Do You Keep a Cow?.....		42,900
The Production and Care of Milk and Cream.....		24,300
Conveniences for Handling the Farm Cow and Her Products.....		24,200
Permanent Pastures for the Cotton Belt.....		7,000
Sorghum for Forage in the Cotton Belt.....		4,130
Winter Wheat in the Cotton Belt.....		2,800
Winter Oats in the Cotton Belt.....		2,300
Rape as a Forage Crop in the Cotton Belt.....		4,200
Hairy Vetch for the Cotton Belt.....		5,000
Cowpeas in the Cotton Belt.....		5,120
Rye in the Cotton Belt.....		3,000
Peanut Growing in the Cotton Belt.....		600
Sweet Potato Growing in the Cotton Belt.....		2,300
<b>Miscellaneous:</b>		
Decisions in Regard to Labeling Medicinal Preparations.....		700
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.....		
Fiscal Regulations. (Revised).....	15,000	15,000
Conserve Foods.....	350,000	350,000
A City Woman Who Found Her War Job on a Farm.....	250,000	250,000
Women on the Farm.....	250,000	250,000
Special Regulations Governing Importation, Sale, Distribution, etc., of Fertilizer and Fertilizer Ingredients.....	10,000	10,000
Advertisement, "Learn to Dry Food".....	3,500	3,500
Raise Chickens.....	100,000	100,000
Report of the Advisory Committee.....	130,000	130,000
Steps to Victory.....	28,000	28,000
The City's Part in Solving the Farm Labor Problem.....	155,000	155,000
Banish the Barberrry. (From News Letter, vol. 5, No. 35).....	100,000	100,000
Sirups and Honey by Parcel Post.....	4,000	4,000
Rules of Furlough for Soldiers to do Agricultural Work.....	100,000	100,000
First Care of Baby Chickens.....	250,000	250,000
A Cheap Food, Eat Potatoes. (Card).....	2,000	2,000
Why We Went to War.....	35,000	35,000
The Cattle Tick and the War.....	250,000	250,000
Mobilizing Farm Labor.....	8,250	8,250
Wastes.....	100,000	100,000
The President to the Farmers of America.....	310,000	310,000
The Farm Labor Problem.....	7,500	7,500
Farm Labor for Daily Papers.....	2,750	2,750
Food Production Outlook. (From Weekly News Letter, vol. 5, No. 30).....	80,000	800,000
Pork Production for 1918.....	17,000	17,000
Poultry Keepers of America.....	2,000	2,000
Saving Eggs is a Public Service.....	500,000	500,000
Statement of the Secretary.....	100,000	100,000
Billion Bushels of Wheat Recommended for Next Year. (From News Letter, vol. 5, No. 2).....	2,500	2,500
Dry Surplus Fruit and Vegetables in Your Home.....	85,000	85,000

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## OFFICE OF THE SECRETARY—Continued.

Title.	Copies received.	Copies distributed.
<b>Miscellaneous—Continued.</b>		
President Wilson Urges Housewives to Save Perishables.....	9,000	9,000
How a Country Agent in Maryland Obtained Farm Labor from Towns.....	3,000	3,000
Ways to Use Cottage Cheese.....	600,000	600,000
Food Value of American Cheese.....	50,000	50,000
Buttermilk a Food Drink.....	75,000	75,000
<b>Food Thrift Series:</b>		
No. 1. Help Feed Yourself.....	140,000	140,000
No. 2. Watch Your Kitchen Waste.....	150,000	150,000
No. 3. Let Nothing Spoil.....	100,000	100,000
No. 4. Extract from the President's Appeal to Farmers.....	150,000	150,000
No. 5. An Ounce of Meat, etc.....	75,000	75,000
<b>Food Leaflets:</b>		
No. 1. Start the Day Right.....	1,000,000	1,000,000
No. 2. Do you Know Corn Meal?.....	1,000,000	1,000,000
No. 3. A Whole Dinner in One Dish.....	1,000,000	1,000,000
No. 4. Choose Your Food Wisely.....	1,000,000	1,000,000
No. 5. Make a Little Meat Go a Long Way.....	1,000,000	1,000,000
No. 6. Do You Know Oat Meal?.....	1,000,000	1,000,000
No. 7. Food for Your Children.....	1,000,000	1,000,000
No. 8. Instead of Meat: Cheese, Milk, Eggs, etc.....	1,000,000	1,000,000
No. 9. Vegetables for Winter.....	1,000,000	1,000,000
No. 10. Plenty of Potatoes.....	1,000,000	1,000,000
No. 11. Milk, the Best Food We Have.....	1,000,000	1,000,000
No. 12. Save Fuel When You Cook.....	1,000,000	1,000,000
No. 13. Let the Fireless Cooker Help You Cook.....	1,000,000	1,000,000
No. 14. Dried Peas and Beans.....	1,000,000	1,000,000
No. 15. Save Sugar, Use Other Sweets.....	1,000,000	1,000,000
No. 16. Fresh Vegetables.....	750,000	750,000
No. 17. Use More Fish.....	750,000	750,000
No. 18. Rice.....	750,000	750,000
No. 19. Hominy.....	750,000	750,000
No. 20. Wheatless Bread and Cakes.....	750,000	750,000
<b>Posters:</b>		
Rat Poster.....	175,000	175,000
Garden Plant Lice or Aphides.....	40,000	40,000
Eat More Corn.....	100,000	100,000
Spraying Potato Fields.....	35,000	35,000
Make Every Egg Count.....	150,000	150,000
Cutworm Control.....	20,000	20,000
Destroy Grasshoppers with Poisoned Bran Bait.....	30,000	30,000
Garden Cutworms.....	25,000	25,000
The Common Barberry Spreads Wheat Rust.....	100,000	100,000
Hatch Early, Have Eggs When Eggs are Scarce.....	250,000	250,000
Raise More Poultry.....	400,000	400,000
Chinch Bug Control.....	15,000	15,000
Spray Schedule for Apples.....	10,000	10,000
Stop Cantaloupe Losses.....	5,000	5,000
Do Not Sell Laying Hens.....	155,500	155,500
Feed the Birds This Winter.....	5,000	5,000
Eat More Cottage Cheese.....	39,000	39,000
Raise Pigs and Help Win the War.....	50,000	50,000
The Sweet Potato Weevil.....	10,000	10,000
Oriental Peach Moth.....	6,000	6,000
Can and Dry Your Fruits and Vegetables.....	6,500	6,500
Trap the Chinch Bug.....	30,000	30,000
Stop Hog Cholera Losses.....	200,000	200,000
Select Seed Corn.....	55,000	55,000
Cabbage Worm.....	36,000	36,000
Dust Explosions and Fires in Mills.....	25,000	25,000
Prevent Grain Dust Explosions and Fires in Threshing Machines.....	25,000	25,000
<b>Weekly News Letter:</b>		
Vol. 4—		
No. 49.....	105,000	105,000
No. 50.....	105,000	105,000
No. 51.....	105,000	105,000
No. 52.....	106,000	106,000
Index.....	5,000	5,000
<b>Vol. 5—</b>		
No. 1.....	106,000	106,000
No. 2.....	106,000	106,000
No. 3.....	106,000	106,000
No. 4.....	106,000	106,000
No. 5.....	128,000	128,000
No. 6.....	128,000	128,000
No. 7.....	128,000	128,000



*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## OFFICE OF THE SECRETARY—Continued.

Title.	Copies received.	Copies distributed.
Weekly News Letter—Continued.		
Vol. 5—Continued.		
No. 8.....	128,000	128,000
No. 9.....	128,000	128,000
No. 10.....	128,000	128,000
No. 11.....	128,000	128,000
No. 12.....	128,000	128,000
No. 13.....	128,000	128,000
No. 14.....	128,000	128,000
No. 15.....	128,000	128,000
No. 16.....	128,000	128,000
No. 17.....	128,000	128,000
No. 18.....	130,000	130,000
No. 19.....	130,000	130,000
No. 20.....	130,000	130,000
No. 21.....	130,000	130,000
No. 22.....	130,000	130,000
No. 23.....	130,000	130,000
No. 24.....	130,000	130,000
No. 25.....	130,000	130,000
No. 26.....	130,000	130,000
No. 27.....	130,000	130,000
No. 28.....	130,000	130,000
No. 29.....	130,000	130,000
No. 30.....	130,000	130,000
No. 31.....	130,000	130,000
No. 32.....	130,000	130,000
No. 33.....	130,000	130,000
No. 34.....	130,000	130,000
No. 35.....	130,000	130,000
No. 36.....	130,000	130,000
No. 37.....	130,000	130,000
No. 38.....	130,000	130,000
No. 39.....	130,000	130,000
No. 40.....	130,000	130,000
No. 41.....	132,500	132,500
No. 42.....	130,000	130,000
No. 43.....	130,000	130,000
No. 44.....	130,000	130,000
No. 45.....	130,000	130,000
No. 46.....	143,000	143,000
No. 47.....	130,000	130,000
No. 48.....	130,000	130,000
INSECTICIDE AND FUNGICIDE BOARD.		
Report of the Insecticide and Fungicide Board:		
1913.....		475
1914.....		45
1915.....		1,045
1916.....		200
1917.....	2,500	2,500
Insecticide Decisions:		
No. 1.....		1,600
No. 3.....		3,300
No. 5.....		790
No. 6.....		530
Notice 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 Carbollized 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 Hemingway's Pure Lead Arsenate.....		
No. 45. Adulteration and Misbranding, Grasselle 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 Stolls 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.....		

## 10 REPORT OF DOCUMENTS RECEIVED AND DISTRIBUTED—1918.

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## OFFICE OF THE SECRETARY—Continued.

Title.	Copies received.	Copies distributed.
INSECTICIDE AND FUNGICIDE BOARD—continued.		
Notice of judgment under the insecticide act—Continued.		
No. 54. Alleged Adulteration and Misbranding P. E. A. Brand Insect Powder.....		
No. 55. Misbranding of Sanitas.....		
No. 56. Misbranding of Inland Lime Sulphur Spray.....		
No. 57. Misbranding of Kellogg's Ant Paste.....		
No. 58. Misbranding of Sanoc.....		
No. 59. Adulteration and Misbranding of Hemingway's Pure Lead Arsenate.....		
No. 60. Misbranding of Dr. David Roberts Disinfectant.....		
No. 61. Misbranding of Whale Oil Soap.....		
Service and Regulatory Announcements:		
No. 2. March, 1914.....		1,325
No. 3. April, 1914.....		1,650
No. 4. May, 1914.....		785
No. 5. June and July, 1914.....		925
No. 6. August and September, 1914.....		1,335
No. 7. October, November, and December, 1914.....		2,025
No. 8. January and February, 1915.....		1,900
No. 9. March and April, 1915.....		4,400
No. 10. (Month not given).....		4,500
No. 11. (Month not given).....		4,200
No. 12. (Month not given).....		4,500
No. 13. (Month not given).....		4,800
No. 14. (Month not given).....		5,700
No. 15. (Month not given).....		5,100
No. 16. (Month not given).....	14,000	14,000
No. 17. (Month not given).....	14,000	14,000
No. 18. (Month not given).....	14,000	14,000
No. 19. (Month not given).....	14,000	8,600
No. 20. (Month not given).....	14,000	8,600
FEDERAL HORTICULTURAL BOARD.		
Report of the Federal Horticultural Board:		
1913.....		500
1914.....		395
1915.....		630
1917.....	2,500	2,500
Notice of quarantine under plant quarantine act:		
No. 4. Gipsy Moth and Brown Tail Moth.....		
Amendments 1 to 13. Mediterranean Fruit Fly and Melon Fly.....	3,000	3,000
No. 28. Citrus Fruit Quarantine.....	3,000	3,000
No. 29. Sweet Potato and Yam Quarantine.....	5,000	5,000
No. 30. Sweet Potato and Yam Quarantine.....	5,000	5,000
No. 31. Banana Plant Quarantine.....	5,000	5,000
No. 32. Banana Quarantine.....	5,000	5,000
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.....		
Rules and Regulations Under Plant Quarantine Act; Interstate Movement of Potatoes from Areas Quarantined for Powdery Scab.....		
Rules and Regulations Under Plant Quarantine Act; General, Including Nursery Stock.....		
Rules and Regulations Governing the Importation of Cotton.....	6,000	6,000
Rules and Regulations Governing the Entry for Immediate Export of Prohibited Plants.....	5,000	5,000
Order Restricting Admission of Cotton Seed Cake, Meal, and all other Cotton Seed Products, Except Oil, from all Foreign Countries.....	3,000	3,000
Rules and Regulations Governing the Importation of Cotton into the United States.....	6,000	6,000
Rules and Regulations Governing the Importation of Cotton Seed Cake, Meal, and Other Cotton Seed Products into the United States.....	3,000	3,000
Order Restricting Admission of Cotton Seed Oil from Mexico.....	3,000	3,000
Rules and Regulations Prohibiting the Movement of Cotton and Cotton Seed from Mexico into the United States.....	1,500	1,500
Service and Regulatory Announcements:		
Index to—		
1915.....		740
1917.....	3,000	2,750
No. 24. January, 1916.....		740
No. 25. February, 1916.....		740
No. 26. March, 1916.....		740
No. 27. April, 1916.....		740
No. 28. May, 1916.....		740
No. 29. June, 1916.....		700

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## OFFICE OF THE SECRETARY—Continued.

Title.	Copies received.	Copies distributed.
FEDERAL HORTICULTURAL BOARD—continued.		
Service and Regulatory Announcements—Continued.		
No. 30. July, 1916.....		700
No. 31. August, 1916.....		850
No. 32. September, 1916.....		600
No. 33. October, 1916.....		700
No. 34. November, 1916.....		700
No. 35. December, 1916.....		700
No. 36. January, 1917.....		600
No. 37. February, 1917.....		700
No. 38. March, 1917.....		400
No. 39. April, 1917.....		
No. 40. May, 1917.....	3,000	2,475
No. 41. June, 1917.....	3,250	2,465
No. 42. July, 1917.....	3,000	2,445
No. 43. August, 1917.....	3,000	2,445
No. 44. September, 1917.....	3,000	2,445
No. 45. October, 1917.....	3,000	2,445
No. 46. November, 1917.....	3,000	2,445
No. 47. December, 1917.....	3,000	2,535
No. 48. January, 1918.....	3,000	2,485
No. 49. February, 1918.....	3,000	2,485
No. 50. March, 1918.....	3,000	2,435
No. 51. April, 1918.....	3,000	2,445
No. 52. May, 1918.....	3,000	2,445
Letter of Information:		
No. 25.....	1,400	1,400
No. 26.....	1,400	1,400
No. 27.....	1,400	1,400
DIVISION OF ACCOUNTS AND DISBURSEMENTS.		
Report of Chief, 1917.....	300	300
FARM MANAGEMENT.		
Report of Chief:		
1916.....		1,000
1917.....	1,000	600
Department bulletin (contributed by the office of Farm Management):		
No. 341. Farm Management Practice, Chester County, Pa.....		240
No. 367. Carrying Capacity of Grazing Ranges in Southern Arizona.....		35
No. 341. Farm Management Practice, Chester County, Pa.....		240
No. 367. Carrying Capacity of Grazing Ranges in Southern Arizona.....		35
No. 425. Farming on the Cut-Over Lands of Michigan, Wisconsin, and Minnesota.....		170
No. 446. The Cost of Producing Apples in Wenatchee Valley, Wash.....		300
No. 482. Farming in the Bluegrass Region.....		75
No. 492. An Economic Study of Farming in Sumter County, Ga.....		110
No. 500. The Cost of Producing Apples in Western Colorado.....	1,300	
No. 510. The Cost of Producing Milk.....		150
No. 504. The Theory of Correlation as Applied to Farm Survey Data on Fattening Baby Beef.....		660
No. 518. The Cost of Producing Apples in the Hood River Valley.....		225
No. 528. Seasonal Distribution of Farm Labor in Chester County, Pa.....	1,300	
No. 529. Validity of the Survey Method of Records.....	3,000	2,150
No. 545. The Business of Ten Dairy Farms in the Bluegrass Region of Kentucky.....		1,310
No. 560. Cost of Keeping Farm Horses and Cost of Horse Labor.....	4,000	4,000
No. 578. A Study of Haymaking Crews and Labor Costs.....	4,000	2,200
No. 602. Value of a Small Plot of Ground to the Laboring Man.....	4,000	2,200
No. 603. A Study of Share-Rented Dairy Farms in Green County, Wis., and Kansas County, Ill.....	4,000	2,100
No. 614. Cost of Producing Apples in Yakima Valley, Wash.....	4,000	2,215
No. 615. Economical Winter Feeding of Beef Cows in the Corn Belt.....	4,000	3,475
No. 625. Cropping System for the Moist Portions of Eastern Washington and Oregon and Northern Idaho.....	4,000	2,305
No. 626. Pasture Land on Farms in United States.....	5,000	3,100
No. 627. Cost of Harvesting Wheat by Different Methods.....	4,000	3,270
No. 633. Factors of Successful Farming near Monett, Mo.....	4,000	2,300
No. 636. A Study in the Production of Apples in the Payette Valley.....	4,000	2,200
No. 637. Economy in Selecting Feeds and Balancing Rations.....	4,000	2,900
No. 641. Cost of Producing Hay in Steuben County, N. Y., and Washington County, Pa.....	4,000	1,550
No. 648. A Farm Management Survey in Brooks County, Ga.....	4,000	1,910

<sup>1</sup> Returned stock.



## 12 REPORT OF DOCUMENTS RECEIVED AND DISTRIBUTED—1918.

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## OFFICE OF THE SECRETARY—Continued.

Title.	Copies received.	Copies distributed.
FARM MANAGEMENT—continued.		
Department Bulletin—Continued.		
No. 650. Lessee Contracts Used in Renting Farms.....	4,000	3,300
No. 651. A Farm Management Study in Anderson County, S. C.....	4,000	1,100
No. 654. Farm Organization in the Irrigated Valleys of Southern Arizona.....	4,000	2,000
No. 659. A Farm Management Study of Cotton Farms of Ellis County, Tex.....	4,000	1,140
No. 665. Status of Farming in the Lower Rio Grande Irrigated District of Texas.....	4,000	1,700
No. 678. Influence of a City on Farming.....	4,000	1,200
Miscellaneous:		
Geographic Distribution of the World's Crop and Live Stock.....	5,000	4,560
Wheat-Seeding Calendars—		
New York Wheat.....	4,000	4,000
Oklahoma Wheat.....	3,000	3,000
North Carolina Wheat.....	7,000	7,000
Tennessee Wheat.....	5,000	5,000
Virginia Wheat.....	7,000	7,000
West Virginia Wheat.....	3,000	3,000
New Jersey Wheat.....	1,000	1,000
Pennsylvania Wheat.....	12,000	12,000
Indiana Wheat.....	11,000	11,000
Nebraska Wheat.....	7,000	7,000
Illinois Wheat.....	8,000	8,000
Delaware Wheat.....	1,000	1,000
WEATHER BUREAU.		
Report of the Chief, 1917.....	300	300
OFFICE OF THE SOLICITOR.		
Report of the Solicitor:		
1915.....		535
1917.....	1,500	1,500
Circulars:		
No. 83. The Meat Inspection Law (court decision).....		
No. 85. Food and Drugs Act (court decision).....		190
No. 87. Food and Drugs Act (court decision).....		
No. 89. Food and Drugs Act (court decision).....	500	500
No. 90. Food and Drugs Act (court decision).....	500	500
No. 91. Food and Drugs Act (court decision).....	500	500
Miscellaneous:		
A Brief Statutory History of the United States Department of Agriculture.....		500
Laws Applicable to the United States Department of Agriculture, 4th Supplement.....	1,000	1,000
Food Inspection Decisions:		
Nos. 40-43. Filing Guaranty. Approval of Labels, Mixing Flour, Labeling of Goods on Hand.....		775
Nos. 44-45. Hemingway's Pure Lead Arsenate; Graselli Arsenate of Lead Paste.....	1,000	1,000
Nos. 46-48. Fictitious Firm Names; Flavoring Extract Substances Used in the Preparation of Foods.....	1,000	1,000
Nos. 49-53. Time Required to Reach Decisions: Imitation Coffee; Coloring of Butter and Cheese; Form of Label; Formula on the Label of Drugs.....		1,200
Nos. 54-59. Declaration of the Quantity or Proportion of Alcohol Present in Drug Products; Method 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 Produce Used as Food and National Formulary Appendix.....		285
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.....	1,000	1,175
No. 65. The Labeling of Whisky, Blends, Compounds, and Imitations Thereof.....		165
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.....		1,700
No. 69. Orchard Brand Atomic Sulphur Fungicide.....	1,000	1,000
Nos. 70-72. Abuse of Guaranty for Advertising Purposes; Labeling of Succotash; Use of Guaranties and Serial Numbers Thereof.....	1,000	1,150
No. 73. Interstate Transportation of Imported Meats and Meat Food Products.....		150
No. 74. Certificates for Imported Meats and Meat Food Products of Cattle, Sheep, Swine, and Goats.....		125
No. 75. The Labeling of Mixtures of Cane and Maple Sirups.....		3,050
No. 76. Dyes, Chemical, and Preservatives in Foods.....		550

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## OFFICE OF THE SECRETARY—Continued.

Title.	Copies received.	Copies distributed.
OFFICE OF THE SOLICITOR—continued.		
Food Inspection Decisions—Continued.		
Nos. 77 and 106. Certificate and Control of Dyes Permissible for Use in Coloring Foods and Foodstuffs.		2,300
Nos. 78-79. The Use of Labels after Oct. 1, 1907; Collection of Sample.	1,000	1,175
Nos. 80-81. Glazed Coffee; Labeling of Caramels.	1,000	1,000
No. 82. Labeling of Coffee Produced in the Dutch East Indies.	2,000	2,000
No. 83. The Issue of a Guaranty Based Upon a Former Guaranty.	500	500
Nos. 84-85. Amendments to Regulations 17 and 19. Labeling Bitters.		175
No. 86. Original Packages; Interpretation of Regulation 2 of Rules and Regulations for the Enforcement of the Food and Drugs Act.		185
No. 87. Labeling of Corn Sirup.	2,000	2,000
No. 88. Private Importations.	1,000	1,000
No. 89. Amendment F. I. D. 76, Relating to the Use in Foods of Benzoate of Soda and Sulphur Dioxide.		2,350
No. 90. Labeling of Foods and Medicinal Mixtures for Stock and Poultry.		500
No. 91. The Labeling of Mocha Coffee.		285
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 Compound and Imitation.		625
No. 96. Serial Number Guaranty.		200
No. 97. Soaked Cured Cheese.	1,000	1,000
No. 102. Entry of Vegetable Greened with Copper Salts.		150
No. 103. Labeling of Turpentine.	1,000	1,000
No. 104. Relating to the Use in Foods of Benzoate of Soda.		500
No. 105. Labeling of Canned Salmon and Whitefish.		450
No. 107. Decision of the Attorney General in Regard to the Legality of the Referee Board.	1,000	1,000
No. 108. Importation of Coffee.	1,000	1,100
No. 109. Labeling of Wines.		150
No. 110. Shellfish.		1,200
No. 111. The Labeling of Yeast.		150
No. 113. Labeling of Whisky Mixture and Imitation Thereof Under the Food and Drugs Act of June 30, 1916.	1,000	1,135
No. 115. On the Use of Geographical Names.		300
No. 116. Amendment to Food Inspection Decision 74.	1,000	1,150
No. 118. Labeling of Whisky Compounds Under F. I. D. 113.		85
No. 119. Use of Shellac and Other Gums for Coating Chocolate and Other Confections.		1,200
No. 120. Labeling Ohio and Missouri Wines.		700
No. 121. The Floating of Shellfish.		2,500
No. 122. The Labeling of Port and Sherry Wine.		125
No. 123. Labeling of Rice.	1,000	1,150
No. 124. Labeling of Stock Feed.	1,000	1,150
No. 125. Labeling of Cordials.	1,000	1,200
No. 126. Salts of Tin in Food.	1,000	1,000
No. 127. Decision of the Attorney General in Regard to the Labeling of Whiskies Sold Under Distinctive Names.		1,325
No. 128. Sago and Tapioca.		140
No. 129. The Certification of Straight Dyes and Mixtures Secondary Certificates. (Amendment to F. I. D. 77).		500
No. 130. Amendment to Regulation 5.		50
No. 131. The Composition of Evaporated Milk.	1,000	1,250
No. 132. The Use of Homogenized Butter and Skimmed Milk in the Manufacture of Ice Cream.		725
No. 134. Labeling of New Orleans Molasses.		200
No. 135. Saccharin in Food.		1,750
No. 136. Labeling of Chocolate and Cocoa.		900
No. 137. The Use of Charlock as a Substitute for Mustard.		950
No. 138. Saccharin in Food.		1,350
No. 140. Labeling of Vinegar.		2,615
No. 141. Labeling of Maraschino and Maraschino Cherries.		3,540
No. 142. Saccharin in Food.		3,330
No. 143. The Labeling of Candied Citron.		1,330
No. 144. Canned Foods. Use of Water Brine, Sirup Sauce, and Similar Substances in the Preparation Thereof.		645
No. 145. Bleached Oats and Barley.	1,000	1,000
No. 146. The Use of Saccharin in Foods.		2,380
No. 147. Absinth.		800
No. 148. Use of Copper Salts in the Greening of Foods.		2,000
No. 150. Frozen Citrus Fruits.		400
Nos. 153-155. Amendment to Regulation 9 and Changing Effective Date of Food Inspection Decision 153.		11,900
No. 154. Regulation Marking the Quantity of Food in Package Form.		950
No. 155. Changing Effective Date of F. I. D. 153.		1,025
No. 157. Amendment to Regulation 29.		1,580
No. 158. Condensed Milk, Evaporated Milk, and Concentrated Milk.		11,100

## 14 REPORT OF DOCUMENTS RECEIVED AND DISTRIBUTED—1918.

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## OFFICE OF THE SECRETARY—Continued.

Title.	Copies received.	Copies distributed.
OFFICE OF THE SOLICITOR—continued.		
Food Inspection Decisions—Continued.		
No. 159. Certification of Mixtures Containing Coal Tar Colors. (Amending F. I. D. Nos. 77, 106, 129).....		10, 275
No. 160. Gluten Products and Diabetic Food.....		10, 065
No. 161. Maple Products.....		10, 350
No. 162. Egg Noodles and Plain Noodles.....		10, 065
No. 163. Amending Regulation 29.....		9, 170
No. 164. Colors in Food. (Amendment to F. I. D. 76, 117, 129).....		12, 750
No. 165. Cacao Products.....		12, 640
No. 166. Rocky Ford Melons.....		1, 675
No. 167. Use of Guaranty Legends and Serial Numbers on Labels.....		2, 880
No. 168. Amending Paragraph E of Regulation 29.....		3, 300
No. 169. Edible Vegetable Fats and Oils.....		2, 280
No. 170. Sweetened Condensed Milk and Condensed Skimmed Milk.....		10, 000
No. 171. Macaroni, Spaghetti, Vermicelli, etc.....	15, 000	11, 900
No. 172. Condiments Other Than Vinegar and Salt.....	15, 000	11, 900
No. 173. Canned Vegetables.....	15, 000	11, 900
No. 174. Baking Powder.....	15, 000	11, 050
No. 175. Colors in Food.....	15, 000	10, 080
No. 176. Evaporated Apples.....	10, 000	2, 700
Index, Food Inspection Decisions, 40-170.....		1, 200
Total.....	35, 824, 550	36, 221, 885

## BUREAU OF ANIMAL INDUSTRY.

Report of the Chief of Bureau:		
1908.....		
1912.....		
1916.....		500
1917.....	2, 500	2, 270
Bulletins:		
No. 67. Necrotic Stomatitis.....		675
No. 120. Intracellular Enzymes of <i>Penicillium</i> and <i>Aspergillus</i> .....		170
No. 123. The Influence of Lactic Acid on the Quality of Cheese of the Cheddar Type.....		85
No. 125. The Gid Parasite and Allied Species of Cestode Genus <i>Multiceps</i> . (Historical Review).....		80
No. 135. Comparative Study of Methods of Examining Feces for Evidence of Parasitism.....		50
No. 154. Methods of Classifying the Lactic-Acid Bacteria.....		200
No. 165. The Manufacture of Cheddar Style Cheese from Pasteurized Milk.....		140
No. 167. The Action of Arsenical Dips in Protecting Cattle from Infection with Ticks.....		
Circulars:		
No. 23. Direction for the Use of Blackleg Vaccine.....	50, 000	64, 750
No. 68. Disease of the Stomach and Bowels of Cattle.....		1, 265
No. 96. Actinomycosis, or Lumpy Jaw.....		50
No. 125. The Federal Meat Inspection Service.....		
No. 138. Infectious Anconia, or Swamp Fever of Horses.....		
No. 141. Foot and Mouth.....		
No. 150. A—List of Accredited Veterinary Colleges.....		
No. 150. C—List of Accredited Veterinary Colleges.....		
No. 160. Lip and Leg Ulceration of Sheep.....		650
No. 164. State Live Stock Sanitary Officers.....		
No. 168. A Note on the Feeding Value of Coconut and Peanut Meal for Horses.....		
No. 170. The Extra Cost of Producing Clean Milk.....		600
No. 173. The Sanitary Construction and Equipment of Abatoirs and Packing Houses.....		100
No. 178. Breeding Horses for the United States Army.....		525
No. 179. Cow Testing Associations.....		400
No. 183. Directions for Constructing a Vat and Dipping Cattle to Destroy Ticks.....		
No. 185. State and Municipal Meat Inspection and Municipal Slaughter-houses.....		4, 000
No. 192. The Regional Lymph Glands of Food Producing Animals.....		600
No. 195. A Plan for a Small Dairy House.....		220
No. 199. The Score-Card System of Dairy Inspection.....		1, 300
No. 203. A Method for the Determination of Starch in Meat Food Products.....		3600

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF ANIMAL INDUSTRY—Continued.

Title.	Copies received.	Copies distributed.
<b>Circulars—Continued.</b>		
No. 207. Directions for Constructing Vats and Dipping Cattle to Destroy Ticks.....	.	31,730
No. 209. The Utilization of Exhaust Steam for Heating Boiler Feed Water and Wash Water in Milk Plants, Creameries, and Dairies.....		165
No. 210. A Comparison of the Acid Test and Condition of Milk for Cheddar Type of Cheese.....		150
No. 211. A Humidity Regulator.....		185
No. 212. The Detection of Phytosterol in Mixtures of Animal and Vegetable Fats.....		300
<b>Separates from annual reports:</b>		
From 25th Report, 1908: The 1908 Outbreak of Foot and Mouth Disease in the United States.....		425
From 26th Report, 1909: The Use of Metallic Containers for Edible Fats and Oils.....		195
From 28th Report, 1911:		
Biochemic Reactions and the Bacterial Count in Milk.....		75
Immunization Tests in Tetanus.....		130
Meat Inspection Directory: November, 1917.....	3,000	3,000
<b>Service and Regulatory Announcements:</b>		
May, 1917.....	9,100	9,100
June, 1917.....	9,600	9,600
July, 1917.....	8,700	8,700
August, 1917.....	9,100	9,100
September, 1917.....	9,200	9,200
October, 1917.....	9,500	9,500
November, 1917.....	9,500	9,500
December, 1917.....	10,000	10,000
January, 1918.....	10,000	10,000
February, 1918.....	9,700	9,700
March, 1918.....	10,000	10,000
April, 1918.....	10,000	10,000
<b>Miscellaneous:</b>		
Notice Regarding Interstate Movement of Cattle and Swine Which are Affected with Tuberculosis.....		2,195
Notice Regarding Interstate Movement of Cattle, Sheep, and Swine Which are Affected with Lip and Leg Ulceration.....		60
The Effect of Tick Eradication on the Cattle Industry of the South.....	50,000	11,400
Bighead in Sheep.....		565
How to Use Anti-Hog Cholera Serum.....		
Report on Inoculation as a Preventive of Swine Disease.....		245
The Ophthalmic Test for Glanders.....		
Method of Chemical Testing of Milk and Cream.....		8,800
The Cause of the Spewing Sickness of Sheep.....		
Legal Standards for Dairy Products. (Rev. July 1, 1915).....		1,550
The Economic Necessity for Eradicating Foot and Mouth Disease.....		
Proceedings of a Conference to Consider Means for Combating Foot and Mouth Disease.....		
Cicuta (Water Hemlock) as a Poisonous Plant.....		1,760
Glanders and Farcy.....		700
Turn Cold into Gold.....	448,000	448,000
Keep Costly T. B. Out of Your Hog Lot.....	260,000	260,000
The Story of the Cattle Tick.....	500,000	500,000
Southern Steers for Market (\$87 or \$110 a Head).....	250,000	250,000
Regulations Governing Sanitary Handling and Control of Hides, etc. Joint Order No. 2.....	10,000	10,000
Same. Joint Order No. 3.....	2,000	2,000
Silage. Canned Corn. No Tin Needed.....	1,000,000	986,000
Cottage Cheese. Meat Substitutes.....	600,000	600,000
Feed More Legumes, Less Grain to Dairy Cows.....	800,000	800,000
White Snakeroot or Richwood as a Stock-Poisoning Plant.....	10,000	3,600
Milk as Food.....	100,000	100,000
State Sanitary Requirements Governing the Admission of Live Stock.....	15,000	15,000
General Instructions and Method of Procedure in Organization of Poultry Clubs.....	10,000	10,000
Preserving Eggs in Waterglass and Linewater.....	1,000,000	1,000,000
Skim Milk for Human Food.....	700,000	700,000
Oak Poisoning of Live Stock.....	2,500	1,970
Uniform Methods and Rules for Tuberculosis Free Accredited Herds of Pure-Bred Cattle.....	5,000	5,000
<b>Orders and amendments:</b>		
Amendment 3 to Order 129.....		1,940
Order 147.....		350
Order 174.....		1,100
Amendment 7 to Order 209.....	1,500	1,500
Amendment 8 to Order 209.....	1,500	1,500
Amendment 9 to Order 209.....	2,500	2,500
Order 211.....	5,000	4,075



# 16 REPORT OF DOCUMENTS RECEIVED AND DISTRIBUTED—1918.

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF ANIMAL INDUSTRY—Continued.

Title.	Copies received.	Copies distributed
Orders and amendments—Continued.		
Amendment 2 to Order 211.....	6,000	6,000
Amendment 3 to Order 211.....	3,000	3,000
Amendment 4 to Order 211.....	17,500	17,500
Amendment 5 to Order 211.....	10,000	10,000
Amendment 6 to Order 211.....	10,000	10,000
Amendment 5 to Order 212.....	7,500	7,500
Amendment 1 to Order 245.....	10,000	10,000
Amendment 2 to Order 245.....	7,500	7,500
Amendment 3 to Order 245.....	7,500	7,500
Amendment 3 to Order 251.....	7,500	7,500
Order 252.....	7,500	7,500
Order 255.....	7,500	7,500
Amendment 1 to Order 255.....	7,500	7,500
Order 256.....	10,000	10,000
Order 257.....	7,500	7,500
Order 258.....	7,500	7,500
Order 259.....	8,000	8,000
Department Bulletins (contributed by the Bureau of Animal Industry):		
No. 65. Cerebro-Spinal Meningitis. (Forage Poisoning).....		195
No. 70. Immunization Tests with Glander Vaccine.....		75
No. 73. Raising and Fattening Beef Calves in Alabama.....		180
No. 76. Laboratory and Field Assay of Arsenical Dipping Fluid.....		270
No. 98. The Application of Refrigeration to the Handling of Milk.....		
No. 147. The Effect of the Cattle Tick Upon the Milk Production of Dairy Cows.....		8,745
No. 148. The Use of Bacillus Bulgaricus in Starters for Making Cheese of the Swiss or Emmetted Type.....		50
No. 163. A Field Test for Lime-Sulphur Dipping Baths.....		5,280
No. 166. Ophthalmic Mallein for the Diagnosis of Glanders.....	5,000	270
No. 206. The Wool Growers and the Wool Trade.....		2,060
No. 260. The Vagrant Dog as a Menace to the Public Welfare.....		450
No. 361. Comparison of the Bacterial Count of Milk with the Sediment of Dirt Test.....		500
No. 433. Changes in Fresh Beef During Cold Storage Above Freezing.....		600
No. 451. The Chemical Composition of Lime-Sulphur Solutions Used as Animal Dip.....		
No. 517. An Intradermal Test for Bacterium Pullorum Infection in Fowls.....		120
No. 561. Feed Cost of Egg Production.....	3,000	3,000
No. 562. The Determination of Bacteria in Ice Cream.....		220
No. 576. The Factory Manufacture of Cottage Cheese.....	13,000	13,000
No. 584. The Control of Hog Cholera With a Discussion of Field Experiments.....	5,000	5,000
No. 585. A Guide for Formulating a Milk Ordinance.....	5,000	5,000
No. 589. The 28-Hour Law Regulating the Interstate Transportation of Live Stock.....	5,000	4,870
No. 596. Feeding of Dried Potatoes to Swine.....	4,000	4,000
No. 608. Kinds of Cheese: Description and Analysis.....	3,000	1,865
No. 610. Fish Meal as a Food for Swine.....	5,000	2,600
No. 628. Wintering and Fattening Beef Cattle in North Carolina.....	5,000	3,075
No. 631. Five Years Calf-Feeding Work in Alabama and Mississippi.....	6,000	2,060
No. 632. The Utilization of Waste Tomato Seeds and Skins.....	5,000	3,475
No. 639. The Market Milk Business of Detroit, Mich., in 1915.....	10,000	8,350
No. 642. The Four Essential Factors in the Production of Milk of Low Bacterial Content.....	8,000	5,200
No. 661. The Manufacture of Casein from Buttermilk of Skim Milk.....	12,000	7,730
No. 662. Vesicular Stomatitis of Horses and Cattle.....	5,000	3,700
No. 674. Hemorrhage Septicemia.....	5,000	4,250
Total.....	6,188,900	6,199,745

## BUREAU OF BIOLOGICAL SURVEY.

Report of Chief of Bureau: 1917.....	2,500	2,500
Circulars:		
No. 17. Bird Day in the Schools.....		165
No. 58. Destruction of the Deer by the Northern Timber Wolf.....		
No. 67. Decision of the Supreme Court on the Sale of Imported Game.....		60
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.....		205
No. 81. Three Important Wild Duck Foods.....		20
No. 86. Regulations for the Protection of Deer.....		
No. 88. Directory of Officials and Organizations Concerned with Protection of Birds and Game, 1912.....		

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF BIOLOGICAL SURVEY—Continued.

Title.	Copies received.	Copies distributed.
<b>North American Fauna:</b>		
No. 30. Biological Investigations in Alaska and Yukon Territory.....		480
No. 32. A Systematic Synopsis of the Muskrat.....		200
No. 33. A Biological Survey of Colorado.....		125
No. 34. Revision of the Spring Pocket Mice.....		370
No. 36. Revision of the American Harvest Mice.....		55
No. 37. Revision of the American Marmots.....		1,125
No. 38. A Review of the American Moles.....		590
No. 40. Prairie Dogs: Systematic Study of Species and Distribution.....		330
No. 41. Review of the Grizzly and Big Brown Bears of North American.....	2,500	2,215
No. 42. Life Zone Investigations.....	4,000	4,000
No. 44. Revision of the American Flying Squirrel.....	2,500	2,300
<b>Miscellaneous:</b>		
Directory of Officials and Organizations Concerned with the Protection of Birds and Game, 1917.....	1,000	1,000
Report of the Governor of Alaska and Alaska Game Laws, 1915.....		290
<b>Service and Regulatory Announcements:</b>		
No. 5. Amendment of Regulations for the Protection of Deer, Moose, etc., in Alaska.....		360
No. 13. Regulations for the Issue of Permits for Quail Imported into the United States from Northeastern Mexico.....		200
No. 14. Proposed Amendments of the Regulations of Aug. 21, 1916, for the Protection of Migratory Birds.....	5,000	5,000
No. 15. Amendments to Regulations for the Protection of Deer, Moose, Caribou, Sheep, and Mountain Goats.....	1,000	1,000
No. 16. Amendment of the Regulations Promulgated Aug. 21, 1916 for the Protection of Migratory Birds.....	3,000	3,000
No. 17. Regulation to Prevent Destruction of Game by Dogs on the Kenai Peninsula, Alaska.....	1,000	1,000
No. 18. Regulation for the Protection of Deer of Certain Islands in Alaska.....	1,200	650
No. 19. Importation of Quail from Northeastern Mexico.....	1,000	700
No. 20. Regulations of Aug. 21, 1916, as Amended Oct. 10, 1917, for the Protection of Migratory Birds.....	6,000	5,500
No. 21. Regulations Governing the Collecting of Birds and Their Nests and Eggs on Federal Bird Reservations.....	1,000	760
<b>Department bulletins (contributed by the Bureau of Biological Survey):</b>		
No. 205. Eleven Important Wild-Duck Foods.....		1,020
No. 217. Mortality Among Waterfowl Around Great Salt Lake, Utah.....		55
No. 465. Propagation of Wild-Duck Foods.....		2,340
No. 621. The Crow and Its Relation to Man.....	6,000	4,940
No. 672. The Duck Sickness in Utah.....	4,000	600
<b>Total.....</b>	<b>41,700</b>	<b>43,155</b>

## BUREAU OF CHEMISTRY.

<b>Report of the Chemist:</b>		
1915.....		500
1916.....		335
1917.....	2,500	1,555
<b>Bulletins:</b>		
No. 128. Tri-Local Experiments on Influence of Environment on Composition of Wheat.....		230
No. 138. Translocation of Plant Food and Elaboration of Organic Plant Material in Wheat Seedling.....		160
No. 144. Wood Turpentine.....	1,000	50
No. 154. Enological Studies; The Chemical Composition of American Grapes.....		135
No. 154. Chemical Analysis and Composition of Imported Honey from Cuba, Mexico, and Haiti.....		275
No. 160. A Study of Nuts with Special Reference to Microscopic Identification.....		95
<b>Circulars:</b>		
No. 54. Analysis of Canned Peas and Beans.....		170
No. 59. The Destruction of the Enzym Invertase by Acids, Alkalis, and Hot Water.....		335
No. 60. A Theory of Influence of Acids and Alkalis on Activity of Invertase.....		395
No. 61. How to Kill and Bleed Market Poultry.....		3,725
No. 64. Studies of Poultry from the Farm to the Consumer.....		1,075
No. 70. The Comparative Rate of Decomposition on Drawn and Undrawn Poultry.....		2,250
No. 71. Extraction of Grains and Cattle Foods for the Determination of Sugar Comparison of Alcohol and Sodium Carbonate Digestion.....		220
No. 81. The Action of Drugs Under Pathological Conditions.....		400
No. 84. Fluorescent Test for Mineral and Rosin Oils.....		300

## 18 REPORT OF DOCUMENTS RECEIVED AND DISTRIBUTED—1918.

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF CHEMISTRY—Continued.

Title.	Copies received.	Copies distributed.
<b>Circulars—Continued.</b>		
No. 86. Refraction Index of Beeswax.....		375
No. 94. Volatile Acidity of Gum Tragacanth.....		480
No. 96. Measurement of Translucency of Papers.....		
No. 98. Practical Suggestions for the Preparation of Frozen and Dried Eggs.....		2,950
No. 100. Grading Rosin at the Still.....		
No. 101. The Ignition of Precipitation Without the Use of the Blast Lamp.....		285
No. 104. A Study of the Emzyins of the Egg of Common Fowl.....		
No. 110. Identification of Tanned Skins.....		
No. 113. The Quantitative Separation and Determination of Subsidiary Dyes in Permitted Food Colors.....		
No. 114. The Identification of Small Amount of Dyestuffs of Oxidation with Bromin.....		
No. 115. An All-Metal Poultry-Cooling Rack.....		2,335
<b>Miscellaneous:</b>		
Knife for Killing Poultry.....		
No. 29. Regulation Relating to Marking the Quantity of Food in Package Form, as Amended by F. I. D. 154, 157, 163, 168.....		
Points for Poultry Packers. III—How to Pick Chickens.....	20,000	20,000
Points for Egg Buyers.....	20,000	20,000
Egg Circulars for Southern States.....	10,000	10,000
Egg Circulars for Corn Belt States.....	15,000	15,000
Prevent Grain Dust Explosions and Fires; It is Possible.....	25,000	25,000
Explosions and Fires in Thrashing Machines Can be Prevented.....	25,000	25,000
Federal and State Dairy, Food, Drug, and Feeding Stuffs Officials.....	5,000	5,000
<b>Service and Regulatory Announcements:</b>		
No. 1. January, 1914.....	2,000	850
No. 2. February, 1914.....	2,000	300
No. 3. March, 1914.....		2,450
No. 4. April, 1914.....		15
Supplement to No. 4.....		
No. 5. May, 1914.....		
Supplement to No. 5.....		
No. 6. June, 1914.....	2,000	300
Supplement to No. 6.....		
No. 7. July, 1914.....	2,000	2,755
Supplement to No. 7.....		100
No. 8. August, 1914.....		3,900
Supplement to No. 8.....		
No. 9. September, 1914.....	2,000	300
Supplement to No. 9.....		
No. 10. October, 1914.....	2,000	300
No. 11. November, 1914.....	2,000	635
No. 12. December, 1914.....		3,580
Index to Nos. 1 to 12.....		300
No. 13. May, 1915.....		500
No. 14. August, 1915.....		200
No. 15. November, 1915.....		500
No. 16. January, 1916.....	2,000	
No. 17. May, 1916.....		170
No. 18. October, 1916.....		85
No. 19. March, 1916.....		15
No. 20. November, 1916.....	12,000	12,000
No. 21. February, 1917.....	12,000	8,740
No. 22. March, 1917.....	12,500	12,500
<b>Supplements—</b>		
No. 1.....		2,770
No. 2.....		2,690
No. 3.....		2,850
No. 4.....		2,930
No. 5.....		2,735
No. 6.....		2,975
No. 7.....		2,715
No. 8.....		3,075
No. 9.....		3,065
No. 10.....		2,745
No. 11.....		2,975
No. 12.....		2,565
No. 13.....		2,510
No. 14.....		2,500
No. 15.....		2,410
No. 16.....		2,515
No. 17.....		2,535
No. 18.....		2,525
No. 19.....		2,095
No. 20.....		2,185



*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF CHEMISTRY—Continued.

Title.	Copies received.	Copies distributed.
Service and Regulatory Announcements—Continued.		
Supplements—Continued.		
No. 21.....		2,595
No. 22.....		2,700
No. 23.....		2,700
No. 24.....		2,865
No. 25.....		2,870
No. 26.....		2,800
No. 27.....	12,500	12,500
No. 28.....	12,000	12,000
No. 29.....	12,500	12,500
No. 30.....	12,500	9,700
No. 31.....	12,500	9,700
No. 32.....	12,500	9,700
No. 33.....	12,500	9,700
No. 34.....	12,500	9,700
No. 35.....	12,500	9,700
No. 36.....	12,500	9,700
No. 37.....	12,500	9,700
No. 38.....	12,500	9,700
No. 39.....	12,500	9,700
No. 40.....	12,500	9,700
No. 41.....	12,500	9,700
No. 42.....	12,500	9,700
No. 43.....	12,500	8,800
No. 44.....	12,500	8,800
No. 45.....	12,500	8,800
No. 46.....	12,500	3,000
No. 47.....	12,500	8,800
No. 48.....	12,500	8,800
No. 49.....	10,000	8,600
No. 50.....	10,000	8,600
No. 51.....	10,000	8,600
Department bulletins (contributed by the Bureau of Chemistry):		
No. 17. The Refrigeration of Dressed Poultry in Transit.....		1,000
No. 51. A Bacteriological and Chemical Study of Commercial Eggs in the Producing Sections of the Central West.....	4,000	4,000
No. 224. A Study of the Preparation of Frozen and Dried Eggs in the Producing Section.....		205
No. 335. Development of Sugar and Acid in Grapes During Ripening.....		35
No. 369. Bacteria in Commercial Bottled Water.....		
No. 378. Fish Meal: Its Use as a Stock and Poultry Food.....	3,000	400
No. 379. Dust Explosions and Fires in Grain Separators in the Pacific Northwest.....	5,000	1,950
No. 448. Separation and Identification of Food Coloring Substances.....		100
No. 466. Maple Sugar: Composition, Method of Analysis, Effect of Environment.....	4,000	3,830
No. 493. A Study of American Beers and Ales.....		
No. 524. Detection of Lime Used as a Neutralizer in Dairy Products.....		950
No. 538. Shrimp: Handling, Transportation, and Uses.....		2,670
No. 565. How to Candle Eggs.....	15,000	6,050
No. 569. The Sanitary Control of Tomato Factories.....	4,000	3,575
No. 570. The By-Products of Rice Milling.....	4,000	3,640
No. 581. Microscopical Studies on Tomato Products.....	5,000	3,350
No. 634. A Physical and Chemical Study of the Kafir Kernel.....	3,000	2,600
No. 635. The Commercial Freezing and Storing of Fish.....	8,000	4,500
No. 656. Concord Grape Juice Manufacture and Chemical Composition.....	4,000	1,750
No. 657. A Wheatless Ration for the Rapid Increase of Flesh on Young Chickens.....	4,000	2,365
No. 663. The Installation and Equipment of an Egg-Breaking Plant.....	10,000	2,700
No. 664. The Prevention of Breakage of Eggs in Transit When Shipped in Car Lots.....	10,000	4,635
No. 666. The Effect of Alkali Treatment in Cocoas.....	5,000	1,910
No. 679. The Application of Optical Methods of Identification to Alkaloids and Other Organic Compounds.....	2,500	1,720
No. 681. Grain Dust Explosion Investigation in Experiment Attrition Mill at the Pennsylvania State College.....	8,000	2,800
Total.....	579,000	551,650

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF ENTOMOLOGY.

Title.	Copies received.	Copies distributed.
Report of the Entomologist:		
2014.....		95
1917.....	2,500	1,000
Bulletins:		
No. 49. Report on the Habits of the Kelep or Guatemalan Cotton Boll Weevil Ant.....		100
No. 63. Papers on the Cotton Boll Weevil, Related and Associated Insects. Contents and Index.....		200
No. 80. Papers on Deciduous Fruit Insects and Insecticides, Part 7—One Spray Method in Control of the Codling Moth and Plum Curculio.....		175
No. 85. Papers on Cereal and Forage Insects. Part 2—The Slender Seed-Corn Ground Beetle.....		360
Same. Part 3—The Clover-Root Curculio.....		850
Same. Part 6—Contributions to Knowledge of Corn-Root Aphis.....		200
No. 90. Hydrocyanic Acid Gas Fumigation in California.....		225
No. 95. Papers on Cereal and Forage Insects. Part 2—The Maize Billbug.....		30
No. 99. Papers on Insects Injurious to Citrus and Other Subtropical Fruits. Part 2—The Red Banded Thrip.....		100
No. 109. Papers on Insects Affecting Vegetables. Part 7—The Horse-Radish Webworm.....		70
No. 109. Papers on Insects Affecting Vegetables. Contents and Index.....		50
No. 111. The Hop Aphis in the Pacific Region.....		170
No. 115. Papers on Deciduous Fruit Insects and Insecticides. Contents and Index.....		100
No. 116. Papers on Deciduous Fruit Insects and Insecticides. Part 2—The Grape Berry Moth.....		1,500
Same. Part 3—The Cherry Sawfly.....		110
Same. Part 5—The Fruit Tree Leaf Roller.....		100
Same. Contents and Index.....		100
No. 124. The Rose Slug Caterpillar.....		100
No. 125. The Florida Fern Caterpillar.....		100
No. 127. Papers on Insects Affecting Vegetables and Truck Crops. Contents and Index.....		360
Bulletins (Technical Series):		
No. 12. Contents and Index.....		190
No. 16. Papers on Coccidæ or Scale Insects. Part 5—Genus Fiorinia in the United States.....		
Same. Part 7—Index to Catalogues of Recently Described Coccidæ Included in Technical Series Bulletins Nos. 12-16.....		95
No. 21. Synopsis, Catalogue and Bibliography of North American Thysanoptera, with Description of New Species.....		250
No. 22. Structure of Certain Dipterous Larvæ with Particular Reference to Those in Human Food.....		200
No. 23. Miscellaneous Papers. Part 1—Some New California and Georgia Thysanoptera.....		275
Same. Part 2.—International Parasite of Thysanoptera.....		465
No. 24. Life History of the Alder Blight Aphid.....		465
No. 25. Papers on Aphididæ. Part 1—Studies on New Species of Taxoptera with Analytical Key to Genus and Notes of Rearing Methods.....		160
Same. Part 2—The Yellow Clover Aphid.....		1,770
No. 26. American Black Flies or Buffalo Gnats.....		450
No. 27. Classification of Aleyrodidæ. Part 2.....		1,135
Same. Contents and Index.....		660
Circulars:		
No. 23. The Buffalo Tree-Hopper.....		175
No. 32. The Larger Apple Tree Borers.....		175
No. 50. The White Ant.....		295
No. 53. The Yellow Locust.....		175
No. 80. The Melon Aphid.....		100
No. 87. The Colorado Potato Beetle.....		1,545
No. 101. The Apple Maggot or Railroad Worm.....		700
No. 102. The Asparagus Beetle.....		85
No. 104. The Common Red Spider.....		225
No. 108. House Fleas.....		270
No. 123. Methods for Controlling Tobacco Insects.....		925
No. 131. How to Control the Pear Thrips.....		600
No. 136. Distribution of the Rocky Mountain Spotted Fever Tick.....		175
No. 146. The Movement of the Cotton Boll Weevil in 1911.....		200
No. 150. The Red Spider on Cotton.....		115
No. 158. The Clover Mite.....		500
No. 168. Spraying for White Flies in Florida.....		730
No. 173. Arsenate of Lead as an Insecticide Against the Tobacco Hornworms.....		170
Miscellaneous:		
The Periodical Cicada in 1914.....		100
The Pink Boll Worm.....		
Some Timely Suggestions for Owners of Woodlots in New England.....		20
Garden Plant Lice Leaflet.....	75,000	75,000

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF ENTOMOLOGY—Continued.

Title.	Copies received.	Copies distributed.
Miscellaneous—Continued.		
Cabbage Worm.....	75,000	75,000
Spraying Potato Fields.....	75,000	75,000
Cutworm Leaflet.....	40,000	40,000
Destroy Grasshoppers with Poisoned Bran Bait.....	1,000,000	1,000,000
Potato Beetle.....	50,000	50,000
Garden Cutworms.....	8,000	8,000
A Manual of Dangerous Insects Likely to be Introduced in the United States through Importation.....	800	800
Chinch Bug Control.....	100,000	100,000
Cutworms Control.....	40,000	40,000
Spray Schedule for Apples.....	20,000	20,000
Department bulletins (contributed by the Bureau of Entomology):		
No. 8. The Western Corn Rootworm.....		100
No. 14. The Migratory Habit of the House Fly Larvæ as Indicating a Favorable Remedial Measure.....		1,225
No. 15. A Sealed Paper Carton to Protect Cereals from Insect Attacks.....		185
No. 59. The Tobacco Splitworm.....		2,005
No. 88. The Control of the Codling Moth in the Pecos Valley in New Mexico.....		165
No. 95. Insect Damage to the Cones and Seeds of Pacific Coast Conifers.....		1,110
No. 100. Walnut Aphides in California.....		200
No. 111. The Sequoia Pitch Moth: A Menace to Pine in Western Montana.....		2,485
No. 112. The Oat Aphis.....		400
No. 113. The Lesser Bud Moth.....		1,975
No. 124. The Alfalfa Caterpillar.....		735
No. 131. Repellents for Protecting Animals from the Attacks of Flies.....		1,700
No. 134. Citrus Fruit Insects in Mediterranean Countries.....		1,260
No. 160. Cactus Solution as an Adhesive in Arsenical Spray for Insects.....		330
No. 161. The Mediterranean Fruit-Fly in Bermuda.....		1,655
No. 165. Quassin as a Contact Insecticide.....		550
No. 170. The European Pine Moth: A Serious Menace to Pine Timber in America.....		980
No. 173. The Life History and Habits of the Pear Thrips.....		1,040
No. 184. The Huisache Girdler.....		1,290
No. 189. Studies on the Codling Moth in the Central Appalachian Region.....		145
No. 192. Insects Affecting Vegetable Crops in Porto Rico.....		135
No. 226. The Verbena Bud-Moth.....		95
No. 231. Recent Studies of the Mexican Cotton Boll Weevil.....		240
No. 233. Relation of the Arizona Wild Cotton Weevil to Cotton Planting in the Arid West.....		350
No. 243. Cone Beetles: Injury to Sugar Pine and Western Yellow Pine.....		365
No. 245. Further Experiments in the Destruction of Fly Larvæ in Horse Manure.....		3,675
No. 248. Fleas.....		385
No. 256. Katydid's Injurious to Oranges in California.....		90
No. 264. The Violet Rove-Beetle.....		135
No. 295. The Zimmerman Pine Moth.....		1,250
No. 329. Notes on Five North American Buffalo Gnats of the Genus Simulium.....		290
No. 344. Studies on the Biology of the Arizona Wild Cotton Weevil.....		175
No. 358. Studies of the Mexican Cotton Boll Weevil in the Mississippi Valley.....		275
No. 377. The Argentine Ant Distribution and Control in the United States.....		725
No. 382. Cotton Boll Weevil Control in the Mississippi Delta.....		15,975
No. 416. The Red Spider on Cotton.....		450
No. 417. The Genus Calosoma.....	1,000	1,000
No. 421. The Sugar Beet Thrips.....		125
No. 429. Life History of the Codling Moth in the Pecos Valley, N. Mex.....		240
No. 436. The Desert Corn Flea Beetle.....		90
No. 443. The New Mexico Range Caterpillar and its Control.....		2,400
No. 480. Solid Stream Spraying Against the Gipsy Moth and Brown Tail Moth in New England.....		680
No. 491. The Melon Fly in Hawaii.....		980
No. 513. Fumigation of Ornamental Greenhouse Plants with Hydrocyanic Acid Gas.....		490
No. 535. The Horse-Radish Flea Beetle: Its Life History and Distribution.....		1,090
No. 536. The Mediterranean Fruit Fly in Hawaii.....	2,000	2,000
No. 539. Lesser Corn Stalk Borer.....	3,000	3,000
No. 550. Control of the Grape Berry Moth in the Erie-Chautauqua Grape Belt.....	5,000	3,100
No. 553. The Chicken Mite: Its Life History and Habits.....	3,000	3,000
No. 554. The Cranberry Girdler.....	3,000	2,450
No. 564. Collection of Weevils and Infested Squares as a Means of Control of the Cotton Boll Weevil in the Mississippi Delta.....	3,000	3,000
No. 566. The European Earwig and Its Control.....	3,000	3,000
No. 571. The Pecan Leaf Case-Bearer.....	3,000	2,550
No. 597. Some Biological and Control Studies of Gastrophilus Hemorrhoidalis and Other Bots of Horses.....	3,000	2,110
No. 598. Orchard Injury by the Hickory Tiger Moth.....	3,000	2,440

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF ENTOMOLOGY—Continued.

Title.	Copies received.	Copies distributed.
Department bulletins—Continued.		
No. 599. The Striped Peach Worm.....	3,000	1,900
No. 609. The Sweet Potato Leaf Folder.....	2,500	2,500
No. 616. The Citrus Thrips.....	2,500	2,500
No. 640. The Mediterranean Fruit Fly.....	5,000	3,665
No. 643. The Hawaiian Mellon Fly.....	5,000	3,705
No. 645. Some Reasons for Spraying to Control Insect and Mite Enemies of Citrus Trees in Florida.....	4,000	3,500
No. 647. The Argentine Ant in Relation to Citrus Orchards.....	2,500	1,700
No. 671. The Diagnosis of Bee Disease by Laboratory Methods.....	2,500	1,540
Total.....	1,545,300	1,602,190

## STATES RELATIONS SERVICE.

Annual Report of the Bureau:		
1911.....		
1912.....		
Report of the Director:		
1916.....		75
1917.....	2,000	2,000
Bulletins:		
No. 86. The Use of Water in Irrigation.....		100
No. 140. Acquisition of Water Rights in the Arkansas Valley, etc.....		250
No. 196. Proceedings of the Twenty-first Annual Convention of Association of American Agricultural Colleges and Experiment Stations, Lansing, Mich., 1907.....		145
No. 201. Cost of Pumping from Wells for the Irrigation of Rice in Louisiana and Arkansas.....		40
No. 214. Irrigation in the State of Washington.....		90
No. 215. Irrigation in New Mexico.....		235
No. 218. Irrigation in Colorado.....		240
No. 222. Irrigation in Texas.....		275
No. 234. A Report Upon the Reclamation of the Overflowed Lands in the Mariandese Cygnes Valley, Kans.....		730
No. 239. Irrigation in the San Joaquin Valley, Cal.....		550
No. 240. Tidal Marshes and Their Reclamation.....		85
No. 244. Report on the Belzoni Drainage Districts in Washington County, Miss.....		440
No. 246. A Report Upon the Black Swamp and Jacob Swamps Drainage Districts, Robeson County, N. C.....		205
No. 249. Storage of Water for Irrigation Purposes, Part I—Earth-Fill Dams and Hydraulic-Fill Dams.....		1,025
No. 254. Irrigation Resources of California and Their Utilization.....		170
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.....		1,900
No. 113. Drainage of the Wet Lands of Effingham County, Ga.....		135
No. 118. The Work of Agricultural Colleges in Training Teachers of Agriculture for Secondary Schools.....		115
Insular publications:		
Alaska Agricultural Experiment Station—		
Annual Report, 1916.....	6,000	6,000
Circular—		
No. 1. Information for Prospective Settlers in Alaska.....		660
Guam Agricultural Experiment Station: Annual Report, 1916.....	3,000	3,000
Hawaii Agricultural Experiment Station—		
Annual Report—		
1916.....		265
1917.....	6,000	6,000
Bulletins—		
No. 39. The Biochemical Decomposition of Nitrogenous Substances in Soils.....		
No. 41. Phosphates, Fertilizer for Hawaiian Soils and Their Availability.....		
No. 44. The Litchi in Hawaii.....	6,000	6,000
Porto Rico Agricultural Experiment Station—		
Annual Report—		
1915.....		135
1916.....	6,000	5,780
Bulletins—		
No. 18. Experimentos con Abono en Arboles del Genero Citrus en Puerto Rico. (Spanish Edition).....		75
No. 19. Cover Crops for Porto Rico.....		75



*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## STATES RELATIONS SERVICE—Continued.

Title.	Copies received.	Copies distributed.
Insular publications—Continued.		
Porto Rico Agricultural Experiment Station—Continued.		
Bulletins—Continued.		
No. 19. Plantas Para Proteger y Enriquecer los Terrenos de Puerto Rico.	3,100	3,100
No. 20. Experiments on the Supposed Deterioration of Varieties of Vegetables in Porto Rico, With Suggestions for Seed Preservation.		40
No. 21. Some Profitable and Unprofitable Coffee Lands.		100
No. 22. Effect of Different Methods of Transplanting.		6,000
No. 23. The Changa or West Indian Mole Cricket.	6,000	5,750
No. 24. The Mango in Porto Rico Service.	6,000	
Circulars—		
No. 16. Rearing Queen Bees in Porto Rico.	3,000	3,000
No. 17. Some Means for Controlling Insects, Fungi, and Other Pests in Porto Rico.	3,200	300
Philippine Bureau of Agriculture—		
Farmers' Bulletin No. 2. Cocoa Culture in Philippines.		255
Separates:		
(1394) Development of Methods of Draining Irrigated Lands. (Reprint from O. E. S. Annual Report, 1910)		750
(1506) Progress in Agricultural Education, 1911. (Reprint from Annual Report, 1911).		245
(1507) Farmers' Institutes in the United States. (Reprint from Annual Report, 1911)		475
Miscellaneous publications:		
Federal Legislation, Regulations and Rulings Affecting Agricultural Colleges and Experiment Stations. (Rev. to Oct. 15, 1915).		50
Federal Legislation, and Rulings Affecting Agricultural Colleges and Experiment Stations. (Rev. to Aug., 1917)	5,000	5,000
How Teachers in Rural Elementary Schools May Use a Soil Survey.		70
List of Workers in Subjects Pertaining to Agriculture and Home Economics in the United States Department of Agriculture and the State Agricultural Colleges.	5,000	5,000
A Report on the Work and Expenditures of the Agricultural Experiment Stations during the Year Ending June 30, 1913.		140
Same. Year Ending June 30, 1914.		
Same. Year Ending June 30, 1915.		
Same. Year Ending June 30, 1916.	1,700	
Same. Year Ending June 30, 1916: Part I—Work and Expenditures of the Agricultural Experiment Stations.	4,500	4,220
Same. Part II—Cooperative Extension Work in Agriculture and Home Economics.	4,500	3,650
A Report on Agriculture Experiment Station and Cooperative Agriculture Extension Work in the United States for the Year Ending June 30, 1915.		260
A 77. Farm Manures and Fertilizers.		320
Address List of State Institutions and Officers in Charge of Agriculture Extension Work, June, 1918.	1,000	1,000
Status and Results of County Agricultural Agent Work in the Northern and Western States.	50,000	50,000
Save Wheat: Use Wheat Substitutes.	300,000	300,000
Save Your Own Vegetable Seed.	250,000	250,000
Canning, Preserving, and Pickling.	50,000	50,000
Common Home Canning Difficulties.	250,000	250,000
Cooperative Agricultural Extension Work and Finance and Organization.	10,000	10,000
Peppers.	35,000	35,000
Vegetables to Grow, and How to Grow Them.	300,000	300,000
A Method of Mapping, Charting, and Recording County Agents' Work.	40,000	40,000
Insects and Diseases of Vegetables and How to Combat Them.	250,000	250,000
Suggestions to Local Leaders in Poultry-Club Work.	5,000	5,000
Farm Bureau Organization Plan.	12,500	12,500
Suggestions for Boys and Girls' Exhibits.	5,000	5,000
Raising Ducks, Geese, and Turkeys.	5,000	5,000
Types and Breeds of Farm Animals.	5,000	5,000
Common Poultry Diseases.	15,000	15,000
Instructions to Local Leaders.	20,000	20,000
County Agricultural Agent Work.	100,000	100,000
Feeding and Housing Winter Layers.	16,000	16,000
Home Floriculture and Home Ground Improvement.	5,000	5,000
The Propagation and Pruning of Plants.	5,000	5,000
Partial Substitutes for Wheat in Bread Making.	35,000	35,000
Handbook on Farm Bureau Organization for County Agricultural Agents.	2,500	2,500
A Simple Trap Nest for Poultry.	15,000	15,000
Selection and Care of Breeding Stock.	15,000	15,000
How to Set a Hen and Care for Her.	35,000	35,000
Care and Feeding of Chicks.	38,000	38,000
How to Build a Brood Coop for Hen and Chicks.	15,000	15,000

<sup>1</sup> Returned to stock.

## 24 REPORT OF DOCUMENTS RECEIVED AND DISTRIBUTED—1918.

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## STATES RELATIONS SERVICE—Continued.

Title.	Copies received.	Copies distributed.
Miscellaneous publications—Continued.		
Mites and Lice on Poultry.....	65,000	65,000
Marketing Farm Products.....	7,000	7,000
Increasing Production on the Farm.....	7,000	7,000
Produce the Infertile Egg for Market.....	65,000	65,000
Preserving Eggs for Home Use.....	65,000	65,000
Instructions on Sheep and Goat Husbandry.....	7,000	7,000
Care of the Growing Stock during Warm Weather.....	15,000	15,000
Marketing Old Stock and Broilers.....	15,000	15,000
Capons and caponizing.....	15,000	15,000
Home Canning of Meats and Sea Foods with the Steam Pressure Canner.....	50,000	50,000
Beef Production.....	7,000	7,000
Safe Farming, and What it Means for the South.....	100,000	100,000
Sewing for Girls' Club Work.....	100,000	100,000
Plan and Tool for the Juniors' Home.....	100,000	100,000
Selection, Preparation, and Planting of the Potato Club Plat.....	25,000	25,000
Growing Vegetable Seeds for the Juniors Home Gardens.....	50,000	50,000
Dodgers—Eat Potatoes.....	25,000	25,000
Additional Recipes, N. R. 25, Doc. 12.....	150,000	150,000
The Mother-Daughter Home Canning Club.....	11,000	11,000
Tinning, Capping, and Soldering Cans.....	50,000	50,000
Farmers Institute Lectures:		
No. 11. Syllabus of Illustrated Lecture on Wheat Culture.....	2,000	2,000
No. 30. Syllabus of Illustrated Lecture on Cow Testing and Dairy Records..	2,000	2,000
No. 31. Syllabus of Illustrated Lecture on Renovating the Neglected Apple Orchard.....	2,000	2,000
No. 32. Syllabus of Illustrated Lecture on Growing and Handling Irish Potatoes.....	2,000	2,000
No. 33. Syllabus of Illustrated Lecture on City and Suburban Garden.....	2,000	2,000
Experiment Station Record:		
Volume 6—		
No. 3.....		50
Volume 14—		
No. 5.....		
No. 6.....		
No. 7.....		
No. 9.....		
No. 11.....		
No. 12.....		
Volume 15—		
No. 7.....		
No. 8.....		
No. 10.....		
Volume 16—		
No. 1.....		
Volume 18—		
No. 1.....		
No. 2.....		
No. 4.....		
No. 5.....		
No. 12.....		
Volume 19—		
No. 1.....		70
No. 2.....		
No. 4.....		
No. 5.....		
No. 6.....		
No. 7.....		
No. 8.....		
No. 10.....		
No. 11.....		
No. 12.....		
Name Index.....		
Subject Index.....		
Volume 20—		
No. 1.....		
No. 2.....		
No. 3.....		
No. 4.....		
No. 5.....		
No. 6.....		
No. 7.....		
No. 9.....		
No. 10.....		
No. 11.....		
No. 12.....		

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## STATES RELATIONS SERVICE—Continued.

Title.	Copies received.	Copies distributed.
Experiment Station Record—Continued.		
Name Index.....		
Subject Index.....		
Volume 21—		
No. 1.....		
No. 2.....		
No. 3.....		
No. 4.....		
No. 5.....		
No. 6.....		
No. 7.....		
No. 8.....		
Index Number.....		
Volume 22—		
No. 1.....		
No. 2.....		
No. 3.....		
No. 4.....		
No. 5.....		
No. 6.....		
No. 7.....		
No. 8.....		
Index Number.....		
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.....		
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.....		
No. 3.....		55
No. 4.....		
No. 5.....		
No. 6.....		
No. 8.....		
No. 9.....		
Index Number.....		
Volume 27—		
No. 1.....		
No. 2.....		
No. 3.....		
No. 4.....		
No. 5.....		
No. 7.....		
No. 8.....		
Index Number.....		
Volume 28—		
No. 2.....		
No. 3.....		
No. 4.....		
No. 5.....		
No. 6.....		



*Detwiled statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## STATES RELATIONS SERVICE—Continued.

Title.	Copies received.	Copies distributed.
Experiment Station Record—Continued.		
Volume 28—Continued.		
No. 7.....		
No. 8.....		
No. 9.....		
Index Number.....		
Volume 29—		
No. 1.....		
No. 2.....		
No. 3.....		
No. 4.....		
No. 5.....		
No. 6.....		
No. 7.....		
No. 8.....		
No. 9.....		
Index Number.....		
Volume 30—		
No. 1.....		
No. 2.....		
No. 3.....		
No. 4.....		
No. 5.....		
No. 6.....		
No. 7.....		
No. 8.....		
No. 9.....		
Index Number.....		
Volume 31—		
No. 1.....		
No. 2.....		
No. 3.....		
No. 4.....		
No. 5.....		
No. 6.....		
No. 7.....		
No. 8.....		
No. 9.....		
Index Number.....		
Volume 32—		
No. 1.....		10
No. 2.....		10
No. 3.....		
No. 4.....		10
No. 5.....		
No. 6.....		10
No. 7.....		
No. 8.....		110
No. 9.....		10
Index number.....		
Volume 33—		
No. 1.....		
No. 2.....		
No. 3.....		15
No. 4.....		
No. 5.....		
No. 6.....		
No. 7.....		
No. 8.....		20
No. 9.....		20
Index number.....		
Volume 34—		
No. 1.....		
No. 2.....		
No. 3.....		
No. 4.....		10
No. 5.....		
No. 6.....		
No. 7.....		105
No. 8.....		10
No. 9.....		20
Index number.....		25
Volume 35—		
No. 1.....		100
No. 3.....		
No. 4.....		10
No. 5.....		

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## STATES RELATIONS SERVICE—Continued.

Title.	Copies received.	Copies distributed.
<b>Experiment Station Record—Continued.</b>		
Volume 35—Continued.		
No. 6.....		10
No. 7.....		
No. 8.....		10
No. 9.....		
Index number.....		
Volume 36—		
No. 1.....		20
No. 2.....		
No. 3.....		20
No. 4.....		15
No. 5.....		10
No. 6.....		10
No. 7.....		
No. 8.....		35
No. 9.....	7,500	7,185
Index number.....	7,500	7,075
Volume 37—		
No. 1.....	7,500	7,185
No. 2.....	7,500	7,100
No. 3.....	7,500	7,100
No. 4.....	7,500	7,205
No. 5.....	7,500	7,100
No. 6.....	7,500	7,050
No. 7.....	7,500	7,175
No. 8.....	7,500	7,240
No. 9.....	7,500	6,920
Index number.....	7,500	7,135
Volume 38—		
No. 1.....	7,500	7,175
No. 2.....	7,500	7,215
No. 3.....	7,500	7,205
No. 4.....	7,500	7,210
No. 5.....	7,500	1,650
No. 6.....	7,500	1,650
<b>Department bulletins (contributed by the States Relations Service):</b>		
No. 114. Report Upon the Black and Boggy Swamps, Drainage Districts; Hampton and Jasper Counties, S. C.....		3,685
No. 123. Extension Course in Vegetable Foods.....		140
No. 132. Correlating Agriculture with the Public Schools Subjects in the Southern States.....		355
No. 155. Wood Pipe for Conveying Water for Irrigation.....		95
No. 181. Report on the Methods and Cost of Reclaiming the Overflowed Lands Along the Black River, Miss.....		1,040
No. 190. The Drainage of Irrigated Lands.....		2,830
No. 193. The Drainage of Jefferson County, Tex.....		375
No. 198. Report Upon the Cypress Creek Drainage District, Desha and Chicot Counties, Ark.....		560
No. 209. Farmers Institute Work in the United States in 1914, and Notes on Agriculture.....		
No. 355. Extension Course in Soils.....		80
No. 385. School Credit for Home Practice in Agriculture.....		1,425
No. 468. Potatoes, Sweet Potatoes, and Other Starchy Roots as Food.....	5,000	2,450
No. 470. The Digestibility of the Grain Sorghums.....		75
No. 503. Turnips, Beets, and Other Succulent Roots, and Their Use as Food.....	6,000	3,015
No. 521. Courses in Secondary Agriculture for Southern Schools.....		1,590
No. 525. Experiments in the Determination of the Digestibility of Millets.....		
No. 527. Some Exercises in Farm Handicraft for Rural Schools.....	8,000	8,000
No. 540. A First Year Course in Home Economics for Southern Agricultural Schools.....	8,000	7,660
No. 592. Courses in Secondary Agriculture.....	5,000	3,305
No. 593. Judging Sheep as a Subject of Instruction in Secondary Schools.....	4,000	2,900
No. 612. The Digestibility of Dasheen.....	7,000	5,600
No. 630. Digestibility of Almond, Black and English Walnut, Brazil, Hickory, and Pecan Nut Oils.....	5,000	5,000
No. 646. Lessons on Pork Production for Elementary Rural Schools.....	14,000	14,000
No. 649. Experiments on the Digestibility of Fish.....	12,000	10,100
No. 653. Lessons on Corn for Rural Elementary Schools.....	5,000	2,630
No. 687. Digestibility of Some Seed Oils.....	7,500	1,100
<b>Total.....</b>	<b>3,115,500</b>	<b>3,095,915</b>

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## FOREST SERVICE.

Title.	Copies received.	Copies distributed
Report of the Forester: 1917.....	2,500	2,500
Bulletins:		
No. 92. Light in Relation to Tree Growth.....		125
No. 104. Principles of Drying Lumber at Atmospheric Pressure and Humidity Diagram.....		90
No. 107. The Preservation of Mine Timber.....		85
No. 110. The Specific Heat of Wood.....		270
No. 112. Fire-Killed Douglas Fir.....		245
No. 115. Mechanical Properties of Western Hemlock.....		110
No. 116. Possibilities of Western Pines as a Source of Naval Stores.....		90
No. 118. Prolonging the Life of Cross-Ties.....		1,905
No. 121. Forestation of the Sandhills of Nebraska and Kansas.....		170
No. 122. Mechanical Properties of Western Larch.....		200
No. 123. Bibliography of the Pulp and Paper Industries.....		75
Circulars:		
No. 37. Forest Planting in the Sandhill Region of Nebraska.....		125
No. 38. Instructions to Engineers of Timber Tests.....		150
No. 40. Utilization of Tupelo.....		145
No. 59. Eucalypts.....		140
No. 60. Red Pine.....		320
No. 67. White Pine.....		110
No. 75. Hackberry.....		85
No. 90. Osage Orange.....		
No. 92. Green Ash.....		
No. 102. Production of Red Cedar for Pencil Wood.....		
No. 105. White Oak in the Southern Appalachians.....		
No. 109. Forest Planting in the North Platte and South Platte Valley.....		
No. 113. Use of Dead Timber on the National Forest.....		
No. 127. Forest Tables: Western Yellow Pine.....		130
No. 128. Preservation of Piling Against Marine Wood Borers.....		
No. 135. Chestnut Oak in the Southern Appalachians.....		95
No. 148. Practical Results in Basket Willow Culture.....		60
No. 158. Revegetation of Overgrazed Range Areas.....		140
No. 167. The Status of Forestry in the United States.....		60
No. 174. Reproduction of Western Yellow Pine in the Southwest.....		85
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 Sulphonation Test of Creosote.....		50
No. 193. Mechanical Properties of Redwood.....		
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.....		
No. 198. Condition of Experimental Chestnut Poles in the Warren-Buffalo and Poughkeepsie-Newton Square Lines after 5 and 8 Years' Service.....		
No. 200. The Absorption of Creosote by the Cell Walls of Wood.....		
No. 202. Quebracho Wood and its Substitutes.....		
No. 204. Strength Tests of Cross-Arms.....		70
No. 205. Forest Fire Protection under the Weeks Law in Cooperation with the States.....		
No. 207. The Profession of Forestry.....		420
No. 215. Pith-Ray Flecks in Wood.....		
Miscellaneous Publications:		
Experiments with Jack Pine and Hemlock for Mechanical Pulp.....		185
Forest Fire Protection by the States.....		1,360
The Use Book: 1915.....		470
Forest Tree Diseases Common in California and Nevada.....		780
First Aid Manual for Field Parties.....	3,000	3,000
Guide Book for the Identification of Woods Used for Railways Way.....	2,000	2,000
Review of Forest Service Investigations—		
Volume 1.....		445
Volume 2.....		535
State Forestry Laws—		
West Virginia.....	500	500
Colorado.....	500	500
Field Program:		
July, 1917.....	3,800	3,800
October, 1917.....	3,800	3,800
January, 1918.....	3,700	3,700
April, 1918.....	3,700	3,700
Department bulletins (contributed by the Forest Service):		
No. 24. Cottonwood in the Mississippi Valley.....		620
No. 34. Range Improvement by Deferred and Rotation Grazing.....		1,070
No. 67. Tests of Rocky Mountain Woods for Telephone Poles.....		25
No. 72. Suitability of Longleaf Pine for Paper Pulp.....		560

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## FOREST SERVICE—Continued.

Title.	Copies received.	Copies distributed.
Department bulletins—Continued.		
No. 80. Effect of Varying Certain Cooking Conditions in Producing Soda Pulp from Ashes.....		370
No. 86. Tests of Wooden Barrels.....		90
No. 87. Flumes and Fluming.....		100
No. 101. Relative Resistance of Various Conifers to Infection with Creosote.....		825
No. 152. The Eastern Hemlock.....		60
No. 153. Forest Planting in the Eastern United States.....		1,285
No. 154. The Life History of Lodge-pole Pine in the Rocky Mountains.....		1,900
No. 207. The Cypress and Juniper Trees of the Rocky Mountain Regions.....		645
No. 210. Seed Production of Western White Pine.....		340
No. 229. The Naval Stores Industry.....		875
No. 232. The Production of Lumber in 1913.....		
No. 234. The Utilization and Management of Lodge-pole Pine in the Rocky Mountains.....		1,685
No. 244. Life History of Shortleaf Pine.....		980
No. 272. The Southern Cypress.....		155
No. 288. Strength Tests of Structural Timber Treated by Commercial Wood Preserving Process.....		5,850
No. 299. The Ash Species: Characteristics and Management.....		100
No. 327. Spruce and Balsam Fir Trees of the Rocky Mountain Region.....		870
No. 364. Forest Conservation for States in the Southern Pine Region.....		75
No. 426. Sugar Pine.....		2,700
No. 440. Lumbering in the Sugar and Yellow Pine Region of California.....		8,640
No. 460. The Pine Trees of the Rocky Mountain Region.....		2,600
No. 474. True Mahogany.....		185
No. 475. Reforestation on the National Forests.....		6,000
No. 479. Nursery Practice on the National Forests.....		1,385
No. 481. Status and Value of Farm Woodlots in the Eastern United States.....		6,000
No. 497. Tests of Western Yellow Pine Car Sills, Joists, and Small Clear Pieces.....		200
No. 506. Production of Lumber, Lath, and Shingles in 1915.....		1,120
No. 508. Yields from the Destructive Distillation of Certain Hardwoods. Second Progress Report.....		200
No. 509. The Theory of Drying and Its Application to the New Humidity-Regulated and Recirculating Dry Kiln.....		600
No. 519. Poles Purchased in 1915.....		1,160
No. 523. Utilization of Ash.....		7,680
No. 544. The Red Spruce: Its Growth and Management.....	10,000	5,735
No. 545. Important Range Plants: Their Life History and Forage Value.....	6,000	6,000
No. 549. Cross-ties Purchased and Treated in 1915.....		1,500
No. 552. The Seasoning of Wood.....	5,500	5,500
No. 556. Mechanical Properties of Woods Grown in the United States.....	12,500	12,500
No. 567. Increased Yield of Turpentine and Rosin from Double Chipping.....	6,000	6,000
No. 580. Effects of Grazing Upon Western Yellow Pine Reproduction in the National Forests of Arizona and New Mexico.....	6,000	4,720
No. 588. Increased Cattle Production on Southwestern Ranges.....	40,000	26,600
No. 604. Incense Cedar.....	5,000	4,200
No. 605. Lumber Used in the Manufacture of Wooden Products.....	14,000	12,400
No. 606. Relative Resistance of Various Hardwoods to Injection with Creosote.....	10,000	7,900
No. 607. Tests of the Absorption and Penetration of Coal Creosote in Long-leaf Pine.....	10,000	1,600
No. 620. Effect of Varying Cooking Conditions in the Production of Sulphate Pulp from Spruce.....	5,000	5,000
No. 638. Forestry and Community Development.....	15,000	14,000
No. 673. Production of Lumber, Lath, and Shingles in 1916.....	15,000	11,840
No. 675. Range Preservation and Its Relation to Erosion Control on Western Grazing Lands.....	15,000	9,300
Total.....	198,500	224,570

## LIBRARY.

Report of the Librarian: 1917.....	750	750
Bulletins:		
No. 55. Catalogue of Publications Relating to Entomology in the Library, U. S. Department of Agriculture.....		5
Total.....	750	755

## 30 REPORT OF DOCUMENTS RECEIVED AND DISTRIBUTED—1918.

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF MARKETS.

Title.	Copies received.	Copies distributed
Report of the Chief: 1917.....	2,500	2,500
Miscellaneous publications:		
Work of the Office of Markets and Rural Organization.....		15,800
Lumber Accounting and Opening of the Books in Country Grain Elevators.....		75
Preliminary Report on Apple-Packing Houses in the Northwest.....		2,600
Distribution and Utilization of Garden Surplus.....	50,000	35,600
Potato Grades Recommended by the U. S. Department of Agriculture and U. S. Food Administration.....	225,000	225,000
Packers in Transportation of Strawberries.....	20,000	20,000
More Care is Needed in Handling Western Cantaloupes.....	9,000	9,000
The Marketing of Canning Club Products.....	10,000	10,000
Service and Regulatory Announcements:		
No. 1. Jan. 19, 1915.....		300
No. 2. Feb. 13, 1915.....		400
No. 3. Mar. 2, 1915.....		390
No. 4. Apr. 17, 1915.....		500
No. 5. Aug. 11, 1915.....		1,850
No. 6. Jan. 24, 1916.....		1,775
No. 7. Mar. 17, 1916.....		4,100
No. 8. Apr. 15, 1916.....		3,300
No. 9. Apr. 29, 1916.....		3,585
No. 11. Sept. 1, 1916.....	12,000	12,000
No. 12. Oct. 14, 1916.....		3,430
No. 13. Oct. 19, 1916.....		520
No. 14. Nov. 20, 1916.....		2,875
No. 15. Dec. 6, 1916.....		3,050
No. 16. Dec. 16, 1916.....		3,130
No. 17. Dec. 21, 1916.....		2,885
No. 18. Jan. 27, 1917.....		3,300
No. 20. Feb. 7, 1917.....		3,640
No. 21. Mar. 28, 1917.....		8,850
No. 22. Mar. 22, 1917.....	10,000	10,500
No. 23. Aug. 11, 1917.....	3,000	3,000
No. 24. Sept. 5, 1917.....	50,000	44,100
No. 25. Oct. 16, 1917.....	55,000	55,000
No. 26. Oct. 10, 1917.....	55,000	55,000
No. 27. Oct. 6, 1917.....	15,000	15,000
No. 28. Oct. 31, 1917.....	20,000	20,000
No. 29. Nov. 17, 1917.....	60,000	60,000
No. 30. Jan. 23, 1918.....	20,180	20,180
No. 31. Mar. 30, 1918.....	55,000	55,000
No. 32. Apr. 15, 1918.....	60,000	60,000
No. 33. Apr. 17, 1918.....	80,000	80,000
No. 34. May 21, 1918.....	280,000	280,000
No. 35. June 26, 1918.....	75,000	75,000
Department bulletins (contributed by Bureau of Markets):		
No. 36. Studies of Primary Cotton Market Conditions in Oklahoma.....		300
No. 121. Spinning Tests of Upland Long-Staple Cotton.....		1,575
No. 146. Economic Conditions in the Sea Island Cotton Industry.....		1,655
No. 178. Cooperative Organization Business Methods.....		3,625
No. 216. Cotton Warehouses: Storage Facilities Now Available in the South.....		1,090
No. 236. A System of Accounts for Farmers' Cooperative Elevators.....		1,840
No. 237. Strawberry Supply and Distribution in 1914.....		13,400
No. 266. Outlets and Methods of Sale for Shippers of Fruit and Vegetables.....		5,550
No. 267. Methods of Wholesale Distribution of Fruits and Vegetables in Large Markets.....		5,750
No. 277. Cotton Warehouse Construction.....		13,645
No. 290. Rail Shipments and Distribution of Fresh Tomatoes.....		5,000
No. 298. Peach Supply and Distribution in 1914.....		1,325
No. 302. Apple Market Investigation.....		385
No. 311. The Handling and Marketing of the Arizona Egyptian Cotton of the Salt River Valley.....		1,900
No. 315. Cantaloupe Marketing in the Larger Cities, with Car-Lot Supply, 1914.....		1,715
No. 359. Comparative Spinning Tests of the Different Grades of Arizona Egyptian with Sea Island and Sakellaridis Egyptian Cottons.....		1,775
No. 362. A System of Accounts for Primary Grain Elevators.....		1,380
No. 366. Manufacturing Tests of Cotton Fumigated with Hydrocyanic Gas.....		2,480
No. 371. Patronage Dividends in Cooperative Grain Companies.....		1,820
No. 375. Disadvantages of Selling Cotton in the Seed.....		5,800
No. 394. A Survey of Typical Cooperative Stores in the United States.....		1,950
No. 401. Marketing and Distribution of Western Muskmelon in 1916.....		190
No. 403. A System of Accounts for Livestock Shipping Association.....		1,975
No. 409. Factors Affecting Interest Rates and Other Charges on Short-Time Loans.....		3,930
No. 414. Convict Labor for Road Work.....	500	200
No. 456. Marketing Creamery Butter.....		4,950



*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF MARKETS—Continued.

Title.	Copies received.	Copies distributed.
Department bulletins—Continued.		
No. 457. Relation Between Primary Market Prices and Qualities of Cotton.....		3,240
No. 458. Handling and Marketing Durango Cotton in Imperial Valley.....		1,700
No. 476. Cotton Market Conditions in North Carolina with a View to Their Improvement.....		10,365
No. 477. Marketing and Distribution of Strawberries in 1915.....		7,775
No. 520. A System of Accounts for Cotton Warehouses.....		7,550
No. 530. The Organization and Management of a Farmers' Mutual Fire Insurance Company.....		6,880
No. 541. Cooperative Organization By-Laws.....	30,000	26,200
No. 547. Cooperative Purchasing and Marketing Organizations among Farmers in the United States.....	20,000	20,000
No. 559. Accounting Records for Country Creameries.....	20,000	15,300
No. 590. A System of Accounting for Fruit-Shipping Organizations.....	7,000	7,000
No. 591. Manufacturing Tests of the Official Cotton Standards for Grade.....	10,000	10,000
No. 667. Origin of Car-Lot Shipments of Fruits and Vegetables in the United States, 1916.....	1,000	1,000
No. 687. Digestibility of Some Seed Oils.....	7,500	1,100
No. 688. Marketing Berries and Cherries by Parcel Post.....	10,000	1,200
Total.....	1,272,680	1,417,780

## BUREAU OF PLANT INDUSTRY

Report of the Chief:		
1914.....		50
1915.....		95
1917.....	2,500	1,855
Bulletins:		
No. 100. Miscellaneous Papers: Part 7—The Effect of Copper Upon Water Bacteria.....		145
No. 211. Bacteriological Studies of the Soil of Truckee-Carson Irrigation Projects.....		55
No. 249. The Branching Habits of Egyptian Cotton.....		75
No. 259. What Is Farm Management.....		870
Circulars:		
No. 9. Texas Root-Rot of Cotton: Field Experiments in 1907.....		80
No. 32. Moisture Contents and Shrinkage in Grain.....		425
No. 40. A Simple Method of Detecting Sulphured Barley and Oats.....		95
No. 44. Minor Articles of Farm Equipment.....		50
No. 49. Improvement of Pastures in Eastern New York and New England States.....		
No. 66. Cotton Selection in the Farm by the Characters of the Stalks, Leaves, and Bolls.....		255
No. 72. Moisture Tester for Grain and Other Substances, and How to Use It.....		600
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.....		130
No. 102. The Production of Hairy Vetch Seed.....		
No. 104. Special Contests for Corn-Club Work.....		2,600
No. 105. Experiments in the Control of Grape Anthracnose.....		
No. 110. Miscellaneous Papers: Grass Demonstrations in South: Some Asiatic Actinidias.....		180
No. 120. Miscellaneous Papers: Testing Cultures of Nodule-Forming Bacteria.....		95
No. 123. Miscellaneous Papers: Factors Affecting Production of Long-Staple Cotton.....		165
Separate reprints from circulars:		
From Circular 110—		
Some Asiatic Actinidias.....		
The Jack Bean and Sword Bean.....		90
From Circular 111—		
Durango Cotton in the Imperial Valley.....		
From Circular 114—		
Experiments in Sub-Soiling at San Antonio.....		195
From Circular 115—		
A New System of Cotton Culture.....		
Grasses for Canal Banks in Western South Dakota.....		40
From Circular 118—		
The Abortion of Fruiting Branches in Cotton.....		100
From Circular 119—		
The Work of Belle Fourche Experiment Farm 1912.....		50
From Circular 120—		
The Work of the San Antonio Experiment Farm 1912.....		50

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF PLANT INDUSTRY—Continued.

Title.	Copies received.	Copies distributed.
Separate reprints from circulars—Continued.		
From Circular 121—		
The Work of the Huntley Experiment Farm 1912.....		60
From Circular 122—		
The Feterita—A New Variety of Sorghum.....		70
From Circular 123—		
Factors Affecting the Production of Long-Staple Cotton.....		60
From Circular 124—		
Agriculture on the Yuma Reclamation Projects.....		
From Circular 126—		
The Work of the Yuma Experiment Farm in 1912.....		
From Circular 130—		
Cotton Problems in Louisiana.....		
Documents:		
No. 457. Agricultural Conditions in Southern Texas.....		109
No. 803. Organization and Instruction in Boys' Corn Club Work.....		350
No. 865. Demonstration Work in Boys' and Girls' Clubs 1912.....		
No. 1130. Single-Stalk Cotton Culture.....		
Miscellaneous publications:		
Establishing the Swine Industry in the North Platte Reclamation Project.....		
Crop Plants for Paper Making.....		35
A Tester Attachment for Cotton Planters.....		10
Tests of Pima Egyptian Cotton in the Salt River Valley, Arizona.....		
Control of Tomato Leaf Spot.....	20,000	20,000
Selection and Treatment of Seed Potatoes to Avoid Disease.....	90,000	90,000
A Rotary Seed Harvester for Crimson Clover.....	3,000	1,940
Garden Series. (Western map).....	500	500
Garden Series. (Eastern map).....	2,000	2,000
Powdery Dry Rot of Potato.....	7,000	7,000
Growing Bermuda Onion Seed in the Southwestern United States.....	5,000	3,115
Potato Black Heart.....	7,500	7,500
New Plant Introduction.....	6,310	6,310
Distribution of Tulip and Narcissus Bulbs in 1917.....	12,000	12,000
Distribution of Cotton Seed in 1918.....	100,000	100,000
The Work of the Scotts Bluff Reclamation Project Experiment Farm:		
1913.....		
1914.....		
1915.....		
1916.....	4,000	2,575
The Work of the Yuma Reclamation Project Experiment Farm:		
1913.....		
1914.....		
1915.....		
1916.....	3,000	600
The Work of the Belle Fourche Reclamation Project Experiment Farm:		
1913.....		
1914.....		
1915.....		25
1916.....	3,000	2,700
The Work of the Truckee-Carson Reclamation Project Experiment Farm:		
1913.....		
1914.....		
1915.....		
1916.....	3,000	1,800
The Work of the Huntley Reclamation Project Experiment Farm:		
1913.....		30
1914.....		
1915.....		800
1916.....	3,000	3,000
The Work of the Umatilla Reclamation Project Experiment Farm:		
1914.....		
1915-1916.....	3,000	2,350
The Work of the San Antonio Reclamation Project Experiment Farm:		
1913.....		
1914.....		
1915.....		95
1916.....	4,000	1,655
Inventory No. 36. Seeds and Plants Imported during the Period from July 1 to Sept. 30, 1913: Nos. 35667 to 36258.....		
Inventory No. 37. Seed and Plants Imported during the Period from Oct. 1 to Dec. 3, 1913: Nos. 36259 to 36936.....		
Inventory No. 38. Seeds and Plants Imported during the Period from Jan. 1 to Mar. 31, 1914: Nos. 36937 to 37646.....	3,000	2,275
Inventory No. 39. Seeds and Plants Imported during the Period from Apr. 1 to June 30, 1914: Nos. 37647 to 38665.....	3,000	2,510
Inventory No. 40. Seeds and Plants Imported during the Period from July 1 to Sept. 30, 1914: Nos. 38666 to 39308.....	3,000	2,600



*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF PLANT INDUSTRY—Continued.

Title.	Copies received.	Copies distributed.
Inventory No. 41. Seeds and Plants Imported during the Period from Oct. 1 to Dec. 31, 1914: Nos. 39309 to 39681.....	3,000	2,365
Inventory No. 42. Seeds and Plants Imported during the Period from Jan. 1 to Mar. 31, 1915: Nos. 39682 to 40388.....	3,000	2,400
Inventory No. 43. Seeds and Plants Imported during the Period from Apr. 1 to June 30, 1915: Nos. 40389 to 40895.....	3,000	1,800
Department bulletins (contributed by the Bureau of Plant Industry):		
No. 6. The Agriculture Utilization of Acid Lands by Means of Acid-Tolerant Crops.....		
No. 16. The Culture of Flue-Cured Tobacco.....		40
No. 30. Cereal Investigations at the Nephi Substation.....		20
No. 32. An Example of Successful Farm Management in Southern New York.....		
No. 33. Cereal Investigations at Dickinson, N. Dak.....		30
No. 38. Seed Selection of Egyptian Cotton.....		65
No. 40. The Mosaic Disease of Tobacco.....		200
No. 41. A Farm Management Survey in the Corn Belt of Indiana, Illinois, and Iowa.....		240
No. 47. Lessons for American Potato Growers from German Experiences.....		100
No. 56. A Special Flask for the Rapid Determination of Water in Flour and Meal.....		500
No. 60. The Relation of Cotton Buying to Cotton Growing.....		315
No. 63. Factors Governing the Successful Shipments of Oranges from Florida.....	1,600	
No. 79. Research Studies in the Curing of Leaf Tobacco.....		50
No. 81. The Potato Quarantine and the American Potato Industry.....		50
No. 89. The Death of Chestnuts and Oaks Due to Armillaria Mellea.....		
No. 99. Tests of Selection from Hybrids and Commercial Varieties of Oats.....		955
No. 102. Acidity as a Factor in Determining the Degree of Soundness in Corn.....		55
No. 104. Thrips as Pollinators of Beet Flowers.....		855
No. 109. The Molds of Cigars and Their Prevention.....		65
No. 116. New Facts Concerning the White Pine Blister Rust.....		100
No. 117. Profits in Farming in Irrigated Areas in Utah Lake Valley.....		2,935
No. 120. Apple Powdery Mildew and Its Control in the Pajaro Valley.....		90
No. 125. Zzyademus, or Death Camas.....		95
No. 127. Mycogen Disease of Mushrooms and Its Control.....		20
No. 133. Experiments with Crops Under Fall Irrigation at the Scotts Bluff Reclamation Project Experiment Farm.....		45
No. 135. Experiments in the Production of Crops on Alkali Lands in the Huntly Reclamation Project, Montana.....		80
No. 137. Some Distinction in Our Cultivated Barley with Reference to Their Use in Plant Breeding.....		155
No. 151. Experiments in Crop Production in Fallow Land at San Antonio.....		
No. 157. Tillage and Rotation Experimental at Nephi, Utah.....		15
No. 162. Horticultural Experiments at the San Antonio Field Station, South Texas.....		
No. 169. Injury by Disinfectants to Seed and Roots in Sandy Soils.....		50
No. 179. Native American Species of Prunes.....		225
No. 182. Agricultural Alcohol; Studies of Its Manufacture in Germany.....		400
No. 183. Morphology of the Barley Grain with Reference to Its Enzym Secreting Areas.....		25
No. 188. The Importance of Thick Seeding in the Production of Milo in the San Antonio Region.....		1,795
No. 195. Potato Breeding and Selection.....		1,135
No. 199. Loss in Tonnage of Sugar Beets by Drying.....		
No. 201. Native Pasture Grasses of the United States.....		80
No. 208. Yields of Native Prickly Pear in Southern Texas.....		
No. 209. Testing Grape Varieties in the Vinifera Regions of the United States.....		45
No. 211. Factors Affecting Range Management in New Mexico.....		120
No. 212. Observation in the Pathology of the Jack Pine.....		
No. 218. Oats in the Great Plains Area: Relation of Cultural Methods of Production.....		85
No. 219. Corn in the Great Plains Area: Relation of Cultural Methods of Production.....		85
No. 222. Barley in the Great Plains Area: Relation of Cultural Methods of Production.....		125
No. 223. Botanical Characters of the Leaves of the Date Palm Used in Distinguishing Cultivated Varieties.....		75
No. 227. Toxicity Tests of Various Oils and Salts, Particularly Those Used in Wood Preservation.....		
No. 247. A Disease of Pine Caused by Cronartium Pyriforme.....		30
No. 253. The Effect of Different Times of Plowing Small Grain Stubble in Eastern Colorado.....		
No. 274. Factors Governing the Successful Shipments of Red Raspberries from the Puyallup Valley, Wash.....		356

<sup>1</sup> Returned to stock.

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF PLANT INDUSTRY—Continued.

Title.	Copies received.	Copies distributed.
Department bulletins—Continued.		
No. 282. A Study of the Soft Resins in Sulphured and Unsulphured Hops in Cold and in Open Storage.....		615
No. 287. A Device for Sampling Grain Seeds and Other Material.....		1,315
No. 288. Cotton Ginning as a Factor in Cotton Seed Deterioration.....		25,000
No. 291. Breeding Millet and Sorgo for Drought Adaptation.....		
No. 297. Cereal Investigation in the Belle Fourche Experimental Farm.....		25
No. 306. Some Effect of Selection in the Production of Alkaloids in Belladonna.....		
No. 307. Tests of Corn Varieties on the Great Plains.....		
No. 309. Zaccation as a Paper-Making Material.....		49
No. 317. Larch Mistletoe: Some Economic Consideration of Its Injurious Effects.....		25
No. 322. Utilization of American Flax Straw in the Paper and Fiber-Board Industry.....		100
No. 323. Importance and Character of the Milled Rice Imported into the United States.....		
No. 331. The Handling and Shipping of Fresh Cherries and Prunes from the Willamette Valley.....		50
No. 334. Direction for the Culture of the Blueberry.....		415
No. 336. Cereal Experiments in Maryland and Virginia.....		80
No. 353. Moisture Content and Shrinkage of Forage.....		20
No. 357. Two Varieties Much Misrepresented: Alaska and Stoner, or Miracle Wheats.....		1,470
No. 360. Mistletoe Injury to Conifers in the Northwest.....		20
No. 372. Commercial Production of Thymol from Horsemint.....		
No. 374. Intrinsic Value of Grain, Cottonseed Flour, and Similar Products Based in the Dry-Matter Content.....		95
No. 380. Endothia Paracitica and Related Spices.....		55
No. 398. Cereal Experiments at the Judith Basin Substation.....		75
No. 400. Experiments With Marquis Wheat.....		40
No. 402. Cereal Experiments at the Akron Field Station, Akron, Colo.....		100
No. 404. Hemp Hurds as Paper-Making Material.....		260
No. 405. Lupines as Poisonous Plants.....	240	
No. 406. Distinguishing Characters of the Seed of Sudan Grass and Johnson Grass.....		
No. 428. Medicago Falcata: A Yellow Flowered Alfalfa.....		30
No. 430. Cereal Experiments on the Cheyenne Experiment Farm.....		30
No. 439. The Soy Bean with Special Reference to Its Utilization for Oil, Cake, and Other Products.....	5,000	800
No. 441. The Action of Manganese Under Acid and Neutral Soil Conditions.....		
No. 442. Possibility of the Commercial Production of Lemon Grass Oil in the United States.....		
No. 445. The Navel Orange of Bahia, with Notes on Some Little-Known Brazilian Fruits.....		60
No. 447. Water Penetration in the Gumbo Soils of the Belle Fourche Reclamation Project.....		
No. 450. Improvement of Girka Spring Wheat in Yield and Quality.....		50
No. 453. The Control of Damping Off of Coniferous Seedlings.....		140
No. 454. The Effect of Cultural and Climatic Conditions on the Yield and Quality of Peppermint Oil.....		40
No. 455. The Drying for Milling Purposes of Damp and Garlicky Wheat.....		100
No. 472. Improved Apparatus for Determining the Test Weight of Grain with Standard Method for Making the Test.....		1,110
No. 488. Experiments in the Disposal of Irrigated Crops Through the Use of Hogs.....	2,500	2,105
No. 490. A Preliminary Report on the Occurrence of Western Red-Rot in Pinus Ponderosa.....		
No. 494. A Humidifier for Lemon Curing Rooms.....		30
No. 496. Investigations in the Rotting of Slash in Arkansas.....	1,065	25
No. 498. Experiments with Spring Cereals at the Eastern Oregon Dry Farming Substation, Moro, Oreg.....		85
No. 499. The Mulched-Basin System of Irrigated Citrus Culture and Its Bearing on the Control of Mottle-Leaf.....		140
No. 510. Timber Storage Conditions in the Eastern and Southern States, with Reference to Decay Problems.....		
No. 511. Farm Practice in the Cultivation of Cotton.....	1,250	1,135
No. 516. Table of Equivalents for Converting Weights of Mechanical Separations into Percentages of the Sample Analyzed.....		2,195
No. 522. Characteristics and Quality of Montana Grown Wheat.....		3,440
No. 531. Rhizopus Rot of Strawberries in Transit.....		815
No. 533. Extension of Cotton Production in California.....	1,200	
No. 534. Apple Blotch and Its Control.....		4,500
No. 542. The Pollination of the Mango.....	4,000	3,350
No. 543. The Control of Peach Bacterial Spot in Southern Orchards.....	7,000	6,450
No. 546. Effect of Fall Irrigation on Crop Yields at Belle Fourche, S. Dak.....		2,375

<sup>1</sup> Returned to stock.

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF PLANT INDUSTRY—Continued.

Title.	Copies received.	Copies distributed.
Department bulletins—Continued.		
No. 557. A Comparison of Several Classes of American Wheats and a Consideration of Some Factors Influencing Quality.....	32,000	32,000
No. 562. Control of Tobacco Wilt in the Flue-Cured District.....	5,000	4,100
No. 568. The Presence of Arsenic in Hops.....	4,000	3,880
No. 573. The Sheep Industry on the Minidoka Reclamation Project.....	11,000	7,800
No. 574. The Conversion of the Weights of Mechanical Separations of Corn and Wheat into Percentages.....	9,000	9,000
No. 577. Experiments on the Control of Potato Leak.....	5,000	2,870
No. 579. Celery Storage Experiments.....	5,000	5,000
No. 587. The Handling and Storage of Apples in the Pacific Northwest.....	13,000	6,210
No. 595. Winter Wheat in the Great Plains Area.....	6,000	6,000
No. 601. The Handling and Precooling of Florida Lettuce and Celery.....	5,000	3,270
No. 611. Walnut Blight in the Eastern United States.....	4,000	2,600
No. 618. Experiments With Durum Wheat.....	5,000	3,600
No. 622. The Identification of Varieties of Barley.....	5,000	3,750
No. 629. Greenhouse Experiments on the Rust Resistance of Oat Varieties.....	5,000	4,350
No. 644. Lint Percentages and Lint Index of Cotton and Methods of Determination.....	6,000	5,035
No. 655. Influence of the Geographical Source and Variety of Flax on Linseed Oil.....	5,000	3,400
No. 658. Forest Disease Surveys.....	5,000	800
No. 668. The Nurse-Planting of Select Cotton Seed.....	3,000	600
No. 686. Further Studies on the Rots of Strawberry Fruits.....	4,000	800
Journal of Agricultural Research:		
Volume 1—		
No. 1.....		15
No. 2.....		1,125
No. 3.....		1,205
No. 4.....		1,210
No. 5.....		1,215
No. 6.....		1,210
Volume 2—		
No. 1.....		1,045
No. 2.....		1,280
No. 3.....		1,230
No. 4.....		950
No. 5.....		1,310
No. 6.....		1,175
Volume 3—		
No. 1.....		1,220
No. 2.....		1,210
No. 3.....		855
No. 4.....		1,240
No. 5.....		1,275
No. 6.....		1,375
Volume 4—		
No. 1.....		1,210
No. 2.....		1,240
No. 3.....		1,155
No. 4.....		825
No. 5.....		820
No. 6.....		830
Volume 5—		
No. 1.....		260
No. 2.....		245
No. 3.....		155
No. 4.....		210
No. 5.....		245
No. 6.....		190
No. 7.....		245
No. 8.....		255
No. 9.....		240
No. 10.....		235
No. 11.....		260
No. 12.....		250
No. 13.....		300
No. 14.....		260
No. 15.....		300
No. 16.....		220
No. 17.....		280
No. 18.....		230
No. 19.....		275
No. 20.....		285
No. 21.....		315
No. 22.....		245
No. 23.....		

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF PLANT INDUSTRY—Continued.

Title.	Copies received.	Copies distributed.
<b>Journal of Agricultural Research—Continued.</b>		
Volume 5—Continued.		
No. 24.....		235
No. 25.....		110
No. 26.....		305
Volume 6—		
No. 1.....		235
No. 2.....		215
No. 3.....		240
No. 4.....		255
No. 5.....		280
No. 6.....		210
No. 7.....		225
No. 8.....		245
No. 9.....		225
No. 10.....		230
No. 11.....		235
No. 12.....		235
No. 13.....		225
No. 14.....		220
No. 15.....		220
No. 16.....		220
No. 17.....		250
No. 18.....		250
No. 19.....		220
No. 20.....		235
No. 21.....		300
No. 22.....		290
No. 23.....		300
No. 24.....		295
No. 25.....		300
No. 26.....		285
Volume 7—		
No. 1.....		325
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No. 3.....		265
No. 4.....		250
No. 5.....		260
No. 6.....		305
No. 7.....		320
No. 8.....		325
No. 9.....		305
No. 10.....		350
No. 11.....		355
No. 12.....		355
No. 13.....		350
Volume 8—		
No. 1.....		365
No. 2.....		355
No. 3.....		360
No. 4.....		345
No. 5.....		375
No. 6.....		280
No. 7.....		330
No. 8.....		295
No. 9.....		320
No. 10.....		375
No. 11.....		380
No. 12.....		340
No. 13.....	2,000	2,000
Volume 9—		
No. 1.....		350
No. 2.....		360
No. 3.....		350
No. 4.....		355
No. 5.....		370
No. 6.....		300
No. 7.....		365
No. 8.....		360
No. 9.....		370
No. 10.....		375
No. 11.....		375
No. 12.....		365
No. 13.....	2,000	2,000
Volume 10—		
No. 1.....	2,000	2,000
No. 2.....	2,000	2,000
No. 3.....	2,000	2,000



*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF PLANT INDUSTRY—Continued.

Title.	Copies received.	Copies distributed.
Journal of Agricultural Research—Continued.		
Volume 10—Continued.		
No. 4.....	2,000	2,000
No. 5.....	2,000	2,000
No. 6.....	2,000	2,000
No. 7.....	2,000	2,000
No. 8.....	2,000	2,000
No. 9.....	2,000	2,000
No. 10.....	2,000	2,000
No. 11.....	2,000	2,000
No. 12.....	2,000	2,000
Volume 11—		
No. 1.....	2,000	2,000
No. 2.....	2,000	2,000
No. 3.....	2,000	2,000
No. 4.....	2,000	2,000
No. 5.....	2,000	2,000
No. 6.....	2,000	2,000
No. 7.....	2,000	2,000
No. 8.....	2,000	2,000
No. 9.....	2,000	2,000
No. 10.....	2,000	2,000
No. 11.....	2,000	2,000
No. 12.....	2,000	2,000
No. 13.....	2,000	2,000
Volume 12—		
No. 1.....	2,000	1,735
No. 2.....	2,000	1,690
No. 3.....	2,000	1,720
No. 4.....	2,000	1,705
No. 5.....	2,000	1,825
No. 6.....	2,000	1,700
No. 7.....	2,000	1,700
No. 8.....	2,000	1,710
No. 9.....	2,000	1,720
No. 10.....	2,000	1,735
No. 11.....	2,000	1,710
Volume 13—		
No. 1.....	2,000	1,700
No. 2.....	2,000	1,710
No. 3.....	2,000	1,700
No. 4.....	2,000	1,700
No. 5.....	2,000	1,700
No. 6.....	2,000	1,710
No. 7.....	2,000	1,670
No. 8.....	2,000	1,655
No. 9.....	2,000	1,655
No. 10.....	2,000	1,655
No. 11.....	2,000	1,655
No. 12.....	2,000	1,655
Reprints from Journal of Agricultural Research:		
Volume 1, No. 1—		
Citrus Ichangensis a Promising Hardy New Species from Southwestern China and Assam. (Contributed by Bureau of Plant Industry).....		385
Cysticercus Ovis: The Cause of Tapeworm Cysts in Mutton. (B. P. I.).....		355
Volume 1, No. 2—		
Individual Variation in the Alkaloidal Contents of Belladonna. (B. P. I.).....		215
The Pubescent Fruited Species Prunes of the Southwestern States. (B. P. I.).....		130
Volume 1, No. 3—		
Selective Absorption by Soils. (Soils).....		1,175
A Bacterium Causing a Disease of Sugar Beet and Nasturtium Leaves. (B. P. I.).....		210
The Calliphoridae Parasite of the Codling Moth. (Ento.).....		1,075
Polyporus Dryadeus, A Root Parasite on the Oak. (B. P. I.).....		285
Foot Rot of the Sweet Potato. (B. P. I.).....		235
Volume 1, No. 4—		
Environmental Influence on the Physical and Chemical Characteristics of Wheat. (Chemistry).....		710
A Drought Adaptation in Seedlings of Maize. (B. P. I.).....		200
New Potato Weevils from Andean, South America. (Ento.).....		790
A Twig Blight of Quercus Prinus and Related Species. (B. P. I.).....		125
Volume 1, No. 5—		
The Indicator Significance of Vegetation in Tooele Valley, Utah. (B. P. I.).....		180
Citropsis: A New Tropical African Genus Allied to Citrus. (B. P. I.).....		490
Winter Spraying with Solution of Nitrate of Soda. (B. P. I.).....		60



*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF PLANT INDUSTRY—Continued.

Title.	Copies received.	Copies distributed.
Reprints from Journal of Agricultural Research—Continued.		
Volume 1, No. 6—		
Tyloses: Their Occurrence and Practical Significance in Some American Woods. (Forest Service).....		400
The Cambium Miner in River Birch. (Ento.).....		235
A Study of Some Imperfect Fungi Isolated from Wheat, Oats, and Barley Plants. (B. P. I.).....		185
The Origin of Some of the Streptococci Found in Milk. (B. A. I.).....		95
The Reduction of Arsenic Acid to Arsenious Acid by Thiosulphuric Acid. (B. A. I.).....		250
Volume 2, No. 1—		
The Flavor of Roquefort Cheese. (B. A. I.).....		80
The Corn Leaf Blotch Miner. (Ento.).....		855
Coloration of the Seed Coat of Cowpeas. (B. P. I.).....		245
Longevity of Pycnospores of the Chestnut Blight Fungus in Soils. (B. P. I.).....		295
Volume 2, No. 2—		
Behavior of Cup Current Meters under Conditions not Covered by Standard Ratings. (O. E. S.).....		85
Eremocitrus: A New Genus of Hardy Drought Resistant Citrus Fruits from Australia. (B. P. I.).....		230
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Volume 10, No. 2—		
A Study of the Rate of Passage of Food Residues Through the Steer and Its Influence on Digestion Coefficients. (B. A. I.).....	500	500
A Further Contribution to the Study of <i>Eriosoma Pyricola</i> , the Woolly Pear Aphis. (Ento.).....	1,300	1,300
Microorganisms and Heat Production in Silage Fermentation. (B. A. I.).....	830	830
Isolation of Cyanuric Acid from Soil. (B. P. I.).....	1,500	1,500
Family Performance as a Basis for Selection in Sheep. (B. A. I.).....	500	500
A Needle Blight of Douglas Fir. (B. P. I.).....	1,500	1,500
Volume 10, No. 3—		
A Substitute for Litmus for Use in Milk Cultures. (B. A. I.).....	300	300
Movement and Distribution of Moisture in the Soil. (B. P. I.).....	850	850
Volume 10, No. 4—		
A Colletotrichum Leafspot of Turnips. (B. P. I.).....	830	830
Black Rootrot of the Apple. (B. P. I.).....	830	830
Physiological Effect on Growth and Reproduction of Rations Balanced from Restricted Sources. (Secy.).....	500	500
Toxic Values and Killing Efficiency of the Arsenates. (Secy.).....	550	550
Volume 10, No. 5—		
Evaporation from the Surfaces of Water and River-Bed Materials. (Roads.).....	1,100	1,100
Influence of Grading on the Value of Fine Aggregate Used in Portland Cement Concrete Road Construction. (Roads.).....	1,260	1,260
Volume 10, No. 6—		
Chemical Studies in Making Alfalfa Silage. (Secy.).....	830	830
Studies on Oat Breeding—V: The F <sub>1</sub> and F <sub>2</sub> Generations of a Cross Between a Naked and a Hulled Oat. (Secy.).....	830	830
Two New Cambium Miners. (Diptera) (Ento.).....	1,500	1,500
Volume 10, No. 7—		
Toughness of Bituminous Aggregates. (Secy.).....	1,100	1,100
Origin of Alkali. (Secy.).....	850	850
Effect of Paraffin on the Accumulation of Ammonia and Nitrates in the Soil. (Secy.).....	850	850
Volatility of Organic Compounds as an Index of the Toxicity of Their Vapors to Insects. (Secy.).....	550	550
Volume 10, No. 8—		
The Cyclamen Mite. (Secy.).....	550	550
Relation of Movement of Water in a Soil to Its Gyroscopicity and Initial Moistness. (Secy.).....	840	840
Volume 10, No. 9—		
Biologic Forms of Puccinia Graminis on Cereals and Grasses. (Secy.).....	820	820
Volume 10, No. 10—		
Quassia Extract as a Contact Insecticide. (Secy.).....	1,400	1,400
Volume 10, No. 11—		
A Nursery Blight of Cedars. (Secy.).....	1,500	1,500
Formation of "Black Alkali" (Sodium Carbonate) in Calcareous Soils. (B. P. I.).....	1,500	1,500
Volume 10, No. 12—		
Effect of Three Annual Applications of Boron on Wheat. (Chemistry).....	800	800
Energy Values of Hominy Feed and Maize Meal for Cattle. (Secy.).....	550	550
Further Studies of the Mosaic Disease of Tobacco. (B. P. I.).....	1,500	1,500
Study of the Proteins of Certain Insects with Reference to Their Value as Food for Poultry. (Secy.).....	350	350
Wind-Blown Rain a Factor in Disease Dissemination. (Secy.).....	300	300
Volume 11, No. 1—		
Natural Reproduction from Seed Stored in the Forest Floor. (Forest Service.).....	2,000	2,000
A New Parasitic Nema <i>Tylenchus Penetrans</i> , Found Infesting Cotton and Potatoes. (B. P. I.).....	1,500	1,500
Volume 11, No. 2—		
Endrot of Cranberries. (B. P. I.).....	1,500	1,500
Some Factors Affecting Nitrate Nitrogen Accumulation in Soil. (Secy.).....	915	915
Volume 11, No. 3—		
Conglutination Test for the Diagnosis of Glanders. (B. A. I.).....	750	750
Occurrence of Manganese in Insect Flowers and Insect Flower Stems. (Secy.).....	1,100	1,100
Life History of <i>Macrosiphum Illinoisensis</i> , the Grapevine Aphis. (Ento.).....	1,300	1,300

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF PLANT INDUSTRY—Continued.

Title.	Copies received.	Copies distributed.
Reprints from Journal of Agricultural Research—Continued.		
Volume 11, No. 4—		
Effect of Sulphur on Different Crops and Soils. (Secy.).....	930	930
A Statistical Study of Some Indirect Effects of Certain Selections in Breeding Indian Corn. (Secy.).....	860	860
Some Notes on the Direct Determination of the Hygroscopic Coefficient. (Secy.).....	910	910
Inheritance Studies in Pisum: IV—Interrelation of the Genetic Factors of Pisum. (B. P. I.).....	1,500	1,500
Volume 11, No. 5—		
Fungus Fairy Rings in Eastern Colorado and Their Effect on Vegetation. (B. P. I.).....	1,500	1,500
Volume 11, No. 6—		
Run-Off from the Drained Prairie Lands of Southern Louisiana. (Roads.).....	1,000	1,000
Diagnosing White-Pine Blister-Rust from Its Mycelium. (B. P. I.).....	1,500	1,500
Volume 11, No. 7—		
Effect of Temperature Aeration and Humidity on Jonathan-Spot and Scald of Apples in Storage. (B. P. I.).....	2,600	2,600
Studies in Greenhouse Fumigation with Hydrocyanic Acid: Physiological Effects on the Plant. (Secy.).....	915	915
Effect of Pumping from a Shallow Well on the Ground Water Table. (Secy.).....	475	475
Volume 11, No. 8—		
Reactions of the Phosphorus of the Thickened Root of the Flat Turnip. (Secy.).....	500	500
Three Lined Fig Tree Borer. (Ento.).....	1,300	1,300
A Statistical Study of Body Weights, Gains, and Measurements of Steers During the Fattening Period. (Secy.).....	450	450
Life History of Ascaris Lumbricoides and Related Forms. (B. A. I.).....	2,000	2,000
Volume 11, No. 9—		
Experiments in Field Technic in Rod Row Tests. (Secy.).....	500	500
Hydrocyanic-Acid Gas as a Soil Fumigant. (Secy.).....	950	950
Enzynsis of Milk and Butter. (Secy.).....	300	300
Volume 11, No. 10—		
Influence of the Degree of Fatness of Cattle upon Their Utilization of Feed. (Secy.).....	1,225	1,225
Podblight of the Lima Bean Caused by Diaporthe Phaseolorum. (B. P. I.).....	1,200	1,200
Tests of a Large-Sized Reinforced Concrete Slab Subjected to Eccentric Concentrated Loads. (Roads.).....	1,175	1,175
Temperatures of the Cranberry Regions of the United States in Relation to the Growth of Certain Fungi. (B. P. I.).....	1,500	1,500
Volume 11, No. 11—		
Movement of Soluble Salts Through Soils. (Secy.).....	516	516
Breeding Sweet Corn Resistant to the Corn Earworm. (B. P. I.).....	1,350	1,350
Flaxwilt: A Study of the Nature and Inheritance of Wilt Resistance. (Secy.).....	610	610
Nature and Rate of Growth in Lambs During the First Year. (Secy.).....	500	500
Volume 11, No. 12—		
Bacterial Blight of Barley. (Secy.).....	900	900
Influence of the Age of the Cow on the Composition and Properties of Milk and Milk Fat. (Secy.).....	500	500
Soil Acidity and the Hydrolytic Ratio in Soils. (Secy.).....	600	600
Volume 11, No. 13—		
Structure of the Pod and the Seed of the Georgia Velvet Bean, Stizolobium Deeringianum. (B. P. I.).....	1,150	1,150
Decomposition of Green and Stable Manures in Soil. (Secy.).....	600	600
Eupatorium Urticaefolium as a Poisonous Plant. (B. A. I.).....	1,500	1,500
Volume 12, No. 1—		
Effect of Time of Digestion on the Hydrolysis of Casein in the Presence of Starch. (Secy.).....	500	500
Behavior of Sweet Potatoes in the Ground. (B. P. I.).....	1,050	1,050
Studies in Soil Reaction as Indicated by the Hydrogen Electrode. (Secy.).....	600	600
Volume 12, No. 2—		
Pure Cultures of Wood-Rotting Fungi on Artificial Media. (B. P. I.).....	1,000	910
Gossypol the Toxic Substance in Cottonseed. (Secy.).....	660	660
Fruit Fly Parasitism in Hawaii during 1916. (Ento.).....	1,300	1,205
Volume 12, No. 3—		
Irrigation Experiments on Apple-Spot Diseases. (B. P. I.).....	1,500	1,185
Relation of Carbon Dioxide to Soil Reaction as Measured by the Hydrogen Electrode. (Secy.).....	400	400
Volume 12, No. 4—		
A Study of the Flow Bottom and Its Action upon the Furrow Slice. (Secy.).....	600	600
Influence of Nitrates on Nitrogen Assimilating Bacteria. (Secy.).....	500	500

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF PLANT INDUSTRY—Continued.

Title.	Copies received.	Copies distributed.
Reprints from Journal of Agricultural Research—Continued.		
Volume 12, No. 5—		
New Place Effect in Maize. (B. P. I.).....	1,150	1,150
Relation of the Variability of Yields of Fruit Trees to the Accuracy of Field Trials. (Secy.).....	720	720
Interrelations of Fruit Fly Parasites in Hawaii. (Ento.).....	1,300	1,175
Volume 12, No. 6—		
Water Extractions of Soils as Criteria of Their Crop-Producing Power. (Secy.).....	600	600
Effect of Season and Crop Growth in Modifying the Soil Extract. (Secy.).....	710	710
The Freezing Point Method as an Index of Variations in the Soil Solution due to Season and Crop Growth. (Secy.).....	710	710
Vol. 12, No. 7—		
Efficacy of Some Anthelmintics. (B. A. I.).....	1,700	1,700
Tobacco Wildfire. (Secy.).....	460	460
Gipsy-Moth Larvae as Agents in the Dissemination of the White-Pine Blister Rust. (B. P. I.).....	1,450	1,450
Volume 12, No. 8—		
Influence of Carbonates of Magnesium and Calcium on Bacteria of Certain Wisconsin Soils. (Secy.).....	600	600
Humus in Mulched Basins, Relation of Humus Content to Orange Production, and Effect of Mulches on Orange Production. (B. P. I.).....	1,100	1,100
Relation of Kinds and Varieties of Grain to Hessina-Fly Injury. (Secy.).....	400	400
Volume 12, No. 9—		
Wilt Diseases of Okra and the Verticillium-Wilt Problem. (B. P. I.).....	1,400	1,255
Winter Cycle of Egg Production in the Rhode Island Red Breed of Domestic Fowl. (Secy.).....	400	400
Digestion of Starch by the Young Calf. (B. A. I.).....	1,500	1,165
Toxicity of Volatile Organic Compounds to Insect Eggs. (Secy.).....	350	350
Corn Stover Silage. (Secy.).....	500	500
Weevils Which Affect the Irish Potato, Sweet Potato, and Yam. (Ento.).....	1,500	1,285
Volume 12, No. 10—		
Sterility in the Strawberry. (Secy.).....	680	680
Effect of Nitrifying Bacteria on the Solubility of Tricalcium Phosphate. (Secy.).....	670	670
Volume 12, No. 11—		
Respiration of Stored Wheat. (Secy.).....	620	620
Effects of Mistletoe on Young Conifers. (B. P. I.).....	1,500	1,500
Determination of Fatty Acids in Butter Fat. (Secy.).....	300	300
Volume 13, No. 1—		
Studies on Capacities of Soils for Irrigation Water and on a New Method of Determining Volume Weight. (Secy.).....	650	650
Some Stoneliess Injurious to Vegetation. (Ento.).....	1,500	1,140
Basal Katabolism of Cattle and Other Species. (Secy.).....	400	400
Further Notes on the Oriental Peach Moth, <i>Laspeyresia molesta</i> . (Ento.).....	1,500	1,500
Volume 13, No. 2—		
Soil Fungi in Relation to Diseases of the Irish Potato in Southern Idaho. (B. P. I.).....	1,150	1,150
Investigations Concerning the Sources and Channels of Infection in Hog Cholera. (B. A. I.).....	1,500	760
Effect of Temperature and Other Meteorological Factors on the Growth of Sorghums. (B. P. I.).....	1,300	1,075
Volume 13, No. 3—		
Overwintering of the House Fly. (Ento.).....	1,500	1,280
Soil Acidity as Influenced by Green Manures. (Secy.).....	660	565
A Leafblight of <i>Kalmia latifolia</i> . (B. P. I.).....	1,200	1,200
Volume 13, No. 4—		
Relation Between Biological Activities in the Presence of Various Salts and the Concentration of the Soil Solution in Different Classes of Soil. (Secy.).....	670	670
Intumescences, with a Note on Mechanical Injury as a Cause of Their Development. (Secy.).....	480	480
Volume 13, No. 5—		
Anthraxnose of Lettuce Caused by <i>Marssonina panattoniana</i> . (S. R. S.).....	600	330
The Calcium Arsenates. (Secy.).....	800	800
Stemphylium Leafspot of Cucumbers. (Secy.).....	1,450	1,300
Volume 13, No. 6—		
Yellow Leafblotch of Alfalfa Caused by the Fungus <i>Pyrenopeziza medicaginis</i> . (B. P. I.).....	1,200	1,200
An Undescribed Canker of Poplars and Willows Caused by <i>Cytospora chrysosperma</i> . (B. P. I.).....	1,450	1,450
Volume 13, No. 7—		
Chemistry of the Cotton Plant With Special Reference to Upland Cotton. (Chemistry).....	900	900
Stability of Olive Oil. (Secy.).....	300	300
Some Bacterial Diseases of Lettuce. (B. P. I.).....	1,250	1,250
Total.....	677,566	799,441



*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## DIVISION OF PUBLICATIONS.

Title.	Copies received.	Copies distributed.
Report of the Editor and Chief:		
1914.....		50
1915.....		90
1916.....		150
1917.....	1,000	1,000
Monthly List of Publications:		
June, 1917.....	170,000	170,000
July, 1917.....	170,000	170,000
August, 1917.....	184,000	184,000
September, 1917.....	185,000	185,000
October, 1917.....	190,200	190,200
November, 1917.....	190,000	190,000
December, 1917.....	190,000	190,000
January, 1918.....	190,000	190,000
February, 1918.....	190,000	190,000
March, 1918.....	190,000	190,000
April.....	190,000	190,000
May, 1918.....	180,000	180,000
Miscellaneous publications:		
List of Publications Issued Since July 1, 1913, Revised to Dec. 31, 1916.....		7,500
A List of Publications of the U. S. Department of Agriculture Suggested for an Agricultural Reading Course.....		
Index to Agricultural Outlook.....		190
List of Farmers' Bulletins Classified by Subjects.....		1,500
Contents and Index to Department Bulletins:		
Nos. 51 to 75.....		
Nos. 101 to 125.....		
Nos. 126 to 150.....		
Nos. 151 to 175.....		
Nos. 176 to 200.....		
Nos. 201 to 225.....		
Nos. 226 to 250.....		
Nos. 276 to 300.....	1,000	770
Nos. 301 to 325.....	1,000	750
Nos. 326 to 350.....	1,000	750
Nos. 351 to 375.....	1,000	800
Farmers' Bulletin Lists:		
Regular.....	9,500,000	9,500,000
City.....	400,000	400,000
Total.....	12,124,200	12,132,750

## OFFICE OF PUBLIC ROADS AND RURAL ENGINEERING.

Report of the Director:		
1916.....		
1917.....	2,500	1,300
Bulletins:		
No. 48. Repair and Maintenance of Highways.....	500	500
Circulars:		
No. 18. Virginia Good Roads Convention, Oct. 10, 11, 1895.....		150
No. 89. Progress Reports of Experiments with Dust Preventives.....		90
No. 94. Progress Reports of Experiments in Dust Prevention and Road Preservation, 1910.....		55
No. 95. Special Road Problem in the Southern States.....		725
No. 98. Progress Reports of Experiments in Dust Prevention and Road Preservation, 1911.....		
Department bulletins (contributed by office of Public Roads and Rural Engineering):		
No. 105. Progress Reports of Experiments in Dust Prevention and Road Preservation, 1913.....		200
No. 136. Highways Bonds.....		935
No. 220. Road Models.....		1,750
No. 230. Oil Mixed Portland Cement Concrete.....		1,445
No. 249. Portland Cement Concrete Pavement for Country Roads.....		1,900
No. 257. Progress Reports of Experiments in Dust Prevention and Road Preservation, 1914.....		8,570
No. 304. Land Drainage by Means of Pumps.....		75
No. 314. Methods for the Examination of Bituminous Road Materials.....		880
No. 339. Experiments on the Economic Use of Irrigation Water in Idaho.....		415
No. 347. Methods for the Determination of the Physical Properties of Road Building Rock.....		2,145
No. 370. The Results of Physical Tests of Road Building Rock.....		3,875
No. 373. Brick Roads.....		456



*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## OFFICE OF PUBLIC ROADS AND RURAL ENGINEERING—Continued.

Title.	Copies received.	Copies distributed.
Department bulletins—Continued.		
No. 376. The Flow of Water in Wood-Stove Pipe.....		1,350
No. 386. Public Road Mileage and Revenues in the Middle Atlantic States, 1914.....		1,300
No. 387. Public Road Mileage and Revenues in the Southern States, 1914.....		1,530
No. 388. Public Road Mileage and Revenues in the New England States, 1914.....		2,110
No. 389. Public Road Mileage and Revenues in the Central Mountain and Pacific States, 1914.....		2,340
No. 390. Public Road Mileage and Revenues in the United States, 1914. (A summary).....		6,595
No. 393. Economic Surveys of County Highways Improvement.....		9,495
No. 407. Progress Reports of Experiments in Dust Prevention and Road Preservation in 1915.....		4,700
No. 414. Convict Labor Road Work.....	500	200
No. 462. Irrigation in Florida.....	1,000	1,000
No. 463. Earth, Sand, Clay, and Gravel Roads.....	1,000	1,000
No. 495. Spray Irrigation.....		740
No. 502. The Drainage of Irrigated Shale Lands.....		75
No. 512. Prevention of the Erosion of Farm Lands by Terracing.....		450
No. 532. The Expansion and Contraction of Concrete and Concrete Roads.....	2,500	2,300
No. 537. The Results of Physical Tests of Road Building Rock in 1916, including all Compression Tests.....		1,195
No. 555. Standard Forms for Specifications, Tests, Reports, and Methods of Sampling for Road Materials.....	4,000	2,300
No. 583. Report on Experimental Convict Road Camp, Fulton County, Ga.....	6,000	2,725
No. 586. Progress Reports of Experiments in Dust Prevention and Road Preservation, 1916.....	6,000	2,800
No. 652. The Wet Lands of Southern Louisiana and Their Drainage.....	3,000	1,000
No. 670. The Results of Physical Tests of Road Building Rock, 1916-17.....	3,500	2,125
Total.....	30,500	72,790

## BUREAU OF SOILS.

Reports of Chief: 1917.....	500	500
Bulletins:		
No. 37. Experiments in Growing Cuban Seed Tobacco in Alabama.....		90
No. 46. Improvement of Virginia Fire Cured Tobacco.....		
No. 77. Organic Compounds and Fertilizer Action.....		40
No. 86. Studies in Soil Catalysis.....		305
No. 93. Field Records Relating to Subsoil Water.....		235
Circulars:		
No. 18. Wire Basket Methods for Determining the Manurial Requirements of Soils.....		250
No. 24. Soils of the Eastern United States and Their Use. III—Portsmouth Sandy Loam.....		65
No. 25. Soils of the Eastern United States and Their Use. IV—Sassafras Silt Loam.....		315
No. 29. Soils of the Eastern United States and Their Use. VII—Hagerstown Loam.....		255
No. 30. Soils of the Eastern United States and Their Use. VIII—Clarksville Silt Loam.....		175
No. 33. Soils of the Eastern United States and Their Use. XI—The Knox Silt loam.....		155
No. 49. Soils of the Eastern United States and Their Use. XXVI—Houston Clay.....		375
No. 50. Soils of the Eastern United States and Their Use. XXVII—Houston Black Clay.....		335
No. 57. Soils of the Eastern United States and Their Use. XXXII—Carlington Silt Loam.....		175
No. 71. The Extraction of Potash from Silicate Rocks.....		135
No. 72. Soil Survey of Payne Prairie, Gainesville Area, Florida.....		415
No. 74. The Organic Constituents of Soils.....		220
No. 76. Alumite and Kelp as Potash Fertilizers.....		250
No. 79. Soils of the Sutter Basin Revision in the Survey of Certain Soils in the Marysville Area, California.....		400
Department bulletins (contributed by the Bureau of Soils):		
No. 37. Nitrogenous Fertilizer Obtainable in the United States.....		100
No. 46. A Descriptive Catalogue of the Soils of Virginia so Far Identified in the Soil Survey.....		100
No. 54. The Photographic Features of the Desert Basins of the United States with Reference to the Possible Occurrence of Potash.....		80
No. 61. Potash Salts and Other Salines in the Great Basin Region.....		130

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF SOILS—Continued.

Title.	Copies received.	Copies distributed.
Department bulletins—Continued.		
No. 140. Soils of Massachusetts and Connecticut with Special Reference to Apples and Peaches.....		690
No. 141. The Clyde Series of Soils.....		25
No. 142. The Miami Series of Soils.....		25
No. 150. Utilization of the Fish Waste of the Pacific Coast for the Manufacture of Fertilizer.....		100
No. 159. Soils of the Sassafras Series.....		35
No. 164. Field Test with a Toxic Soil Constituent Vanillin.....		50
No. 283. The Production of Sulphuric Acid and A Proposed New Method of Manufacture.....		50
No. 551. Variation in the Chemical Composition of Soil.....		760
No. 572. The Recovery of Potash as a By-Product in the Cement Industry..	3,000	3,000
No. 600. Relation of Some of the Rarer Elements in Soils Plants.....	3,000	2,115
Report of Field Operations:		
1899—First report.....		75
1900—Second report.....		260
1901—Third report.....		405
1902—Fourth report.....		140
1911—Thirteenth report.....		80
Advance Sheets of Soil Surveys:		
Alabama—		
1908—Antanga County.....		80
1908—Bibb County.....		45
1908—Calhoun County.....		170
1908—Colbert County.....		150
1908—Henry County.....		115
1909—Chamber County.....		375
1909—Coffee County.....		180
1910—Dale County.....		175
1910—Pike County.....		230
1911—Chilton County.....		225
1911—Elmore County.....		345
1911—Jackson County.....		270
1911—Madison County.....		250
1911—Marshall County.....		400
1911—Randolph County.....		425
1911—Tuscaloosa County.....		290
1912—Clark County.....		360
1912—Conecuh County.....		500
1912—Covington County.....		420
1913—Cleburne County.....		520
1913—Russell County.....		525
1913—Escambia County.....		420
1913—Bullock County.....		495
1914—Lawrence County.....		485
1914—Limestone County.....		455
1914—Barbour County.....	1,000	1,000
1915—Clay County.....		535
1915—Walker County.....		610
1915—Washington County.....	1,000	1,000
1916—Wilcox County.....	1,000	350
1916—Pickens County.....	1,000	1,000
Arizona—		
1903—Solonsville Area.....		85
Arkansas—		
1913—Ashley County.....		425
1913—Pope County.....		250
1914—Columbia County.....		530
1914—Mississippi County.....		585
1915—Jefferson County.....		520
1915—Yell County.....		565
1916—Hempstead County.....	1,000	1,000
1916—Craighead County.....	1,000	1,000
California—		
1913—Reconnaissance Soil Survey of the Sacramento Valley.....		35
1914—Merced County.....		330
1914—Reconnaissance Soil Survey of the San Francisco Bay Area.....		490
1914—Ukiah Area.....		215
1915—Pasadena County.....	1,000	1,000
1915—Honey Lake Area.....	1,000	1,000
1915—Healdsburg Area.....	1,000	1,000
1915—San Fernando County.....	1,000	1,000
1915—Reconnaissance Soil Survey of the San Diego Area.....	1,000	310
1915—Riverside Area.....	1,000	1,000

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF SOILS—Continued.

Title.	Copies received.	Copies distributed
Advance Sheets of Soil Surveys—Continued.		
Colorado—		
1910—Uncompahgre Valley Area.....		90
Connecticut—		
1911—Windham County.....		360
1912—New London County.....		400
Delaware—		
1915—New Castle County.....		575
Florida—		
1913—Bradford County.....		410
1913—Hernando County.....		350
1913—Putman County.....		345
1913—Fort Lauderdale County.....		110
1915—Franklin County.....		580
1916—Hillsborough County.....	1,000	415
Georgia—		
1904—Dodge County.....		150
1908—Grady County.....		120
1909—Franklin County.....		225
1909—Hancock County.....		30
1909—Pike County.....		400
1909—Tift County.....		245
1910—Walker County.....		275
1911—Chatham County.....		460
1911—Columbia County.....		255
1911—Glynn County.....		425
1912—Ben Hill County.....		450
1912—Chattooga County.....		450
1912—Dougherty County.....		375
1912—Reconnaissance of Tatnall County.....		80
1912—Troup County.....		20
1913—Gordon County.....		520
1913—Habersham County.....		400
1913—Jeff Davis County.....		550
1913—Jones County.....		510
1913—Miller County.....		525
1913—Stewart County.....		530
1913—Talbot County.....		525
1914—Colquitt County.....		490
1914—Tatnall County.....		555
1914—De Kalb County.....		500
1914—Jackson County.....		475
1914—Terrell County.....		520
1914—Clay County.....		575
1914—Polk County.....		250
1915—Turney County.....		565
1915—Laurens County.....		575
1915—Wilkes County.....		610
1915—Washington County.....		565
1916—Meriwether County.....	1,000	360
1916—Crisp County.....	1,000	1,000
1916—Richmond County.....	1,000	405
1916—Brooker County.....	1,000	400
Idaho—		
1915—Latah County.....		585
Illinois—		
1902—St. Clair County.....		140
1903—Johnson County.....		75
1903—Knox County.....		155
1903—Sangamon County.....		190
1912—Will County.....		480
Indiana—		
1902—Posey County.....		220
1903—Madison County.....		115
1904—Boone County.....		370
1904—Marshall County.....		260
1904—Scott County.....		40
1905—Newton County.....		290
1906—Greene County.....		115
1907—Marion County.....		210
1908—Allen County.....		255
1912—Boone County.....		525
1912—Hamilton County.....		350
1912—Montgomery County.....		480
1912—Tipton County.....		455
1913—Hendricks County.....		520
1913—Delaware County.....		

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF SOILS—Continued.

Title.	Copies received.	Copies distributed.
Advance Sheets of Soil Surveys—Continued.		
Indiana—Continued.		
1914—Clinton County .....		430
1914—Warren County .....		585
1914—Elkhart County .....		510
1915—Grant County .....		445
1915—Starke County .....		600
1915—Weils County .....		650
1915—White County .....		580
1916—Benton County .....	1,000	1,000
Iowa—		
1903—Cerro Gordo County .....		105
1903—Story County .....		275
1904—Tama County .....		270
1913—Bremer County .....		470
1914—Lee County .....		15
1914—Pottawattamie County .....		475
1914—Muscatine County .....		530
1914—Webster County .....		645
1915—Sioux County .....		630
1915—Van Buren County .....		625
1915—Clinton County .....		700
1915—Scott County .....	1,000	1,000
Kansas—		
1903—Russell County .....		65
1904—Garden City Area .....		80
1906—Riley County .....		180
1911—Reno County .....		350
1911—Shawnee County .....		380
1912—Cherokee County .....		520
1912—Greenwood County .....		510
1912—Jewell County .....		305
1913—Montgomery County .....		620
1915—Cowley County .....		700
1916—Ringgold County .....	1,000	320
Kentucky—		
1903—Mason County .....		330
1903—Scott County .....		305
1905—McCracken County .....		225
1905—Madison County .....		145
1910—Rockcastle County .....		400
1912—Christian County .....		535
1915—Jessamine County .....		645
Louisiana—		
1903—Bienville Parish .....		95
1908—East and West Carroll Parishes .....		25
1909—Lincoln Parish .....		65
1911—Iberia Parish .....		290
1912—East Feliciana Parish .....		385
1914—Webster Parish .....		355
1915—Lafayette Parish .....		570
1916—Rapides Parish .....	1,000	325
Maine—		
1903—Carbon Area .....		455
1909—Orono Area .....		425
Maryland—		
1914—Montgomery County .....		155
1916—Howard County .....	1,000	1,000
Massachusetts—		
1911—Plymouth County .....		205
Michigan—		
1904—Owosso County .....		105
1905—Oxford County .....		40
1912—Genesee County .....		510
Minnesota—		
1900—Rice County .....		205
1913—Goodhue County .....		390
1914—Ramsey County .....		340
1914—Pennington County .....		455
Mississippi—		
1907—Jasper County .....		175
1907—Okfuskeba County .....		65
1907—Prentiss County .....		60
1908—Holmes County .....		250
1909—Clay County .....		90
1910—Lauderdale County .....		275
1911—Forrest County .....		325



*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF SOILS—Continued.

Title.	Copies received.	Copies distributed.
Advance Sheets of Soil Surveys—Continued.		
Mississippi—Continued.		
1911—Louises County.....		25
1911—Wayne County.....		150
1912—Lafayette County.....		475
1912—Lincoln County.....		465
1912—Warren County.....		420
1912—Winston County.....		415
1913—Jones County.....		585
1913—Wilkinson County.....		15
1914—Clarke County.....		325
1915—Jefferson Davis County.....		620
1915—Coahoma County.....		635
1915—Grenada County.....		530
1915—Chickasaw County.....		700
1916—Newton County.....	1,000	320
1916—Hinds County.....	1,000	355
Missouri—		
1903—Shelby County.....		50
1903—Bates Area.....		250
1909—Atchison County.....		290
1909—Cedar County.....		220
1909—Cooper County.....		120
1910—Marion County.....		235
1911—Franklin County.....		25
1911—Laclede County.....		305
1911—Macon County.....		430
1911—Platte County.....		285
1912—Burton County.....		425
1912—Carroll County.....		275
1912—Cass County.....		425
1912—Miller County.....		270
1912—Stoddard County.....		185
1913—Greene County.....		370
1913—Nodaway County.....		395
1913—Perry County.....		415
1913—Ralls County.....		350
1914—Grundy County.....		405
1914—Harrison County.....		370
1914—Johnson County.....		475
1914—Pettis County.....		490
1914—Dunklin County.....		440
1914—DeKalb County.....		470
1915—Buchanan County.....		525
1915—Newton County.....		480
1915—Ripley County.....		480
1915—Lee County.....	1,000	360
Montana—		
1914—Bitter Root Valley.....		510
Nebraska—		
1912—Otoe County.....		100
1913—Douglas County.....		405
1913—Saunders County.....		135
1914—Scotts Bluff County.....		430
1914—Nemaha County.....		230
1914—Thurston County.....		600
1914—Seward County.....		580
1914—Gage County.....		565
1914—Polk County.....		615
1915—Richardson County.....		700
1915—Washington County.....		620
1915—Dawes County.....	1,000	1,000
1915—Fillmore County.....	1,000	355
1915—Kimball County.....	1,000	510
1915—Hall County.....	1,000	300
1915—Dodge County.....	1,000	315
1909—Fallon Area.....		275
New Hampshire—		
1906—Merrimack County.....		30
1909—Nashua Area.....		300
New Jersey—		
1911—Sussex Area.....		25
1913—Freehold Area.....		370
1915—Camden Area.....		620
New Mexico—		
1912—Mesilla Valley.....		385
1912—Middle Rio Grande Valley.....		415



*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF SOILS—Continued.

Title.	Copies received.	Copies distributed.
Advance Sheets of Soil Surveys—Continued.		
New York—		
1910—Monroe County .....		165
1910—Ontario County .....		195
1911—Jefferson County .....		265
1912—Orange County .....		105
1913—Oneida County .....		310
1914—Clinton County .....		420
1914—Chautauqua County .....		200
1915—Schoharie County .....		650
1916—Cortland County .....	1,000	1,000
North Carolina—		
1907—Edgecomb County .....		135
1907—Henderson County .....		95
1908—Caswell County .....		280
1908—Robeson County .....		230
1909—Gaston County .....		230
1909—Lake Mattamuskeett Area .....		30
1909—Pitt County .....		350
1909—Scotland County .....		260
1910—Cabarrus County .....		130
1910—Granville County .....		290
1910—Mecklenburg County .....		60
1911—Johnston County .....		340
1911—Richmond County .....		240
1912—Ashe County .....		400
1912—Fender County .....		355
1913—Forsyth County .....		255
1913—Randolph County .....		480
1914—Bladen County .....		305
1914—Rowan County .....		395
1914—Union County .....		415
1914—Lincoln County .....		475
1914—Wake County .....		405
1915—Alleghany County .....		540
1915—Wayne County .....		475
1915—Davidson County .....		550
1915—Anson County .....		680
1915—Columbia County .....	1,000	1,000
1916—Hertford County .....	1,000	1,000
1916—Harnett County .....	1,000	1,000
North Dakota—		
1907—Mount McKenzie Area .....		50
1912—Barnes County .....		470
1914—Dickey County .....		525
1914—Lamoure County .....		540
1915—Bottineau County .....	1,000	1,000
Ohio—		
1900—Montgomery County .....		540
1903—Ashtabula County .....		75
1904—Coshocton County .....		300
1904—Wooster .....		195
1905—Westerville .....		155
1906—Meigs County .....		200
1909—Auglaize County .....		85
1913—Stark County .....		405
1914—Portage County .....		445
1914—Paulding County .....		400
1914—Trumbull County .....		445
1915—Geauga County .....		520
1915—Hamilton County .....		570
Oklahoma—		
1913—Muskogee County .....		470
1914—Bryan County .....		380
1914—Roger County .....		610
1915—Kay County .....	1,000	1,000
Oregon—		
1911—Medford .....		110
1912—Hood River—White Salmon River Area .....		125
Pennsylvania—		
1903—Lockhaven Area .....		125
1907—Johnston Area .....		135
1909—Berks County .....		60
1910—Washington County .....		220
1911—Bedford County .....		285
1911—Bradford County .....		195
1912—Lehigh County .....		305

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF SOILS—Continued.

Title.	Copies received.	Copies distributed.
<b>Advance Sheets of Soil Surveys—Continued.</b>		
<b>Pennsylvania—Continued.</b>		
1912—York County.....		350
1914—Lancaster County.....		295
1915—Blair County.....		565
1915—Cambria County.....		605
<b>Porto Rico—</b>		
1902—Arecibo to Ponce.....		335
<b>South Carolina—</b>		
1902—Darlington Area.....		55
1903—Campobello Area.....		145
1904—Orangeburg Area.....		65
1907—Lee County.....		230
1907—Oconee County.....		165
1907—Sumter County.....		95
1909—Anderson County.....		455
1909—Conway.....		235
1909—Saluda County.....		160
1910—Clarendon County.....		350
1911—Fairfield County.....		540
1911—Georgetown County.....		430
1912—Barnwell County.....		550
1912—Chester County.....		425
1913—Bamberg County.....		575
1913—Orangeburg County.....		500
1913—Union County.....		515
1914—Chesterfield County.....		275
1914—Florence County.....		405
1915—Dorchester County.....		630
1915—Hampton County.....		645
1916—Richland County.....	1,000	315
<b>Tennessee—</b>		
1903—Davidson County.....		75
1903—Pikeville County.....		235
1904—Greenville Area (North Carolina and Tennessee).....		105
1904—Lawrence County.....		50
1906—Grainger County.....		365
1906—Madison County.....		70
1907—Giles County.....		400
1908—Coffee County.....		170
1908—Overton County.....		400
1909—Sumner County.....		380
1912—Putnam County.....		560
1912—Robertson County.....		545
1913—Jackson County.....		475
<b>Texas—</b>		
1907—Bastrop County.....		45
1907—Cooper County.....		95
1907—Robertson County.....		120
1907—Wilson County.....		125
1908—Franklin County.....		200
1909—Grayson County.....		145
1909—Morris County.....		305
1909—Titus County.....		255
1910—Ellis County.....		175
1912—Archer County.....		360
1912—Harrison County.....		460
1913—Reconnaissance of South Central Texas.....		430
1913—Jefferson County.....		475
1913—Washington County.....		520
1914—Brazos County.....		340
1915—Smith County.....		630
1915—Taylor County.....	1,000	310
1916—San Saba County.....	1,000	1,000
1916—Eastland County.....	1,000	365
<b>Utah—</b>		
1903—Provo Area.....		55
1904—Bear River Area.....		75
1913—Cache Valley Area.....		490
<b>Virginia—</b>		
1909—Campbell County.....		195
1913—Henrico County.....		435
1914—Frederick County.....		530
1915—Fairfax and Alexandria Counties.....		630
<b>Washington—</b>		
1911—Quincy Area.....		350
1911—Reconnaissance of Southwestern Washington.....		40
1913—Stevens County.....		385
1914—Franklin County.....		600

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## BUREAU OF SOILS—Continued.

Title.	Copies received.	Copies distributed.
Advance Sheets of Soil Surveys—Continued.		
West Virginia—		
1905—Upshur County.....		115
1906—Wheeling Area.....		40
1907—Middlebourne Area.....		185
1909—Spencer Area.....		360
1910—Clarksburg Area.....		350
1910—Point Pleasant Area.....		285
1911—Huntington Area.....		330
1911—Morgantown Area.....		420
1912—Preston County.....		505
1913—Borne County.....		490
1913—Logan and Mingo Counties.....		545
1914—Raleigh County.....		590
1914—McDowell and Wyoming Counties.....		655
1915—Gilmer and Lewis Counties.....		690
1916—Jefferson, Berkeley, and Morgan Counties.....	1,000	300
Wisconsin—		
1903—Virogna Area.....		215
1905—Portage County.....		155
1909—Waushara County.....		150
1910—Bayfield Area.....		135
1910—Iowa County.....		355
1910—Waukesha County.....		225
1911—Columbia County.....		105
1911—Fond du Lac County.....		375
1911—Jumeau County.....		125
1911—Kewaunee County.....		370
1911—Lacrosse County.....		305
1912—Jefferson County.....		350
1913—Buffalo County.....		405
1913—Dane County.....		315
1913—Reconnaissance of Northeastern Wisconsin.....		175
1914—Reconnaissance of North Part of North Central.....		430
1915—Reconnaissance of South Part of North Central.....	1,000	1,000
1915—Portage County.....	1,000	1,000
1915—Wood County.....	1,000	1,000
Wyoming		
1903—Laramie Area.....		320
Total.....	50,500	175,550

## BUREAU OF CROP ESTIMATES.

Report of the Statistician:		
1914.....		100
1915.....		1,345
1916.....		1,300
1917.....	2,500	2,500
Miscellaneous:		
Government Crop Reports: Their Value, Scope, and Preparation.....	60,000	108,300
Monthly Crop Report:		
Volume 3—		
No. 6.....	162,000	162,000
No. 7.....	183,000	183,000
No. 8.....	185,000	185,000
No. 9.....	185,000	185,000
No. 10.....	188,000	188,000
No. 11.....	207,000	207,000
No. 12.....	216,000	216,000
Volume 4—		
No. 1.....	207,000	207,000
No. 2.....	178,000	178,000
No. 3.....	178,000	178,000
No. 4.....	178,000	178,000
No. 5.....	186,000	186,000
No. 6.....	187,000	187,000
Department bulletins (contributed by the Bureau of Crop Estimates):		
No. 66. Statistics of Sugar in the United States and Its Insular Possessions.....		255
No. 296. Our Foreign Trade in Farm and Forest Products.....		2,285
No. 514. Wheat Yields per Acre and Prices 50 Years by States.....	2,000	795
No. 515. Corn Yields per Acre and Prices 50 Years by States.....		400
No. 594. Geography of Wheat Prices.....	5,000	3,450
No. 685. Honey Bees and Honey Production in the United States.....	10,000	1,550
Total.....	2,519,500	2,562,280

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## SEPARATES FROM THE YEARBOOKS.

Title.	Copies received.	Copies distributed.
No. 453. The Status American Lemon Industry.....		
No. 503. Conditions Influencing the Production of Sugar-Beet Seed in the United States.....		25
No. 501. Plants Useful to Attract Birds and Protect Fruit.....		325
No. 537. Insect Enemies of Tobacco in the United States.....		140
No. 539. The Respiration Calorimeter and the Results of Experiments with It.....		
No. 540. Increased Yield of Corn from Hybrid Seed.....		3,325
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 Product.....		25
No. 560. Fibers Used for Binder Twine.....		305
No. 569. Decomposition and Its Microscopical Detection in Some Food Products.....		
No. 571. Crawfish as Crop Destroyers.....		1,235
No. 578. The Value of Snow Surveys as Related to Irrigation Project.....		
No. 579. Cotton Improvement in a Community Basis.....		230
No. 583. The Value of Predaceous Beetles in Destroying Insect Pests.....		140
No. 586. A New Respiration Calorimeter for Use in the Study of Problems of Vegetable Physiology.....		
No. 591. The Handling of Dressed Poultry a Thousand Miles from the Market.....	2,000	1,030
No. 592. Some Results Obtained in Studying Ripening Bananas with the Respiration Calorimeter.....		
No. 596. How the Produce Dealer May Improve the Quality of Poultry and Eggs.....		110
No. 598. The Chestnut Bark Disease.....		
No. 605. Improved Method of Handling and Marketing Cotton.....		1,570
No. 606. Dairying and Its Relation to Agriculture in Semi-arid Sections.....		
No. 608. The Settlement of Irrigated Lands.....		25
No. 609. Some New Grasses for the South.....		100
No. 610. Raisins, Figs, and Other Dried Fruits and Their Use.....		500
No. 618. Promising New Fruits.....		50
No. 622. Practical Tree Surgery.....		1,900
No. 623. Supplementing Our Meat Supply with Fish.....		200
No. 626. The Organization of Rural Interests.....		3,280
No. 627. The Production of Beef in the South.....		
No. 628. Hemp.....		775
No. 630. Statistics of Agricultural Crops.....		50
No. 631. Live Stock and Miscellaneous Agricultural Statistics.....		80
No. 635. Story of the Thermometer and Its Use in Agriculture.....		50
No. 636. Retail Public Market.....		125
No. 637. Cooperative Marketing Association and Financing of Marketing Association.....		4,900
No. 640. The Economy of Farm Drainage.....		100
No. 641. Movement from City and Town to Farm.....		55
No. 642. Our Shorebirds and Their Future.....		445
No. 643. The Preparation of Fertilizer from Municipal Waste.....		1,000
No. 644. The American Farm Woman as She Sees Herself.....		1,000
No. 646. Selection of Household Equipment.....		1,695
No. 647. The Egg and Poultry Demonstration Car Work in Reducing our \$50,000 Waste in Eggs.....		65
No. 649. Hard Wheats Winning Their Way.....		
No. 650. Meat Production in Australia and New Zealand.....		150
No. 651. The Farm Woodlot Problem.....		700
No. 652. Nematodes and Their Relationships.....		325
No. 653. Edible Snails.....		3,225
No. 654. Statistics of Grain Crops.....		
No. 655. Statistics of Crops Other Than Grain Crops.....		
No. 656. Live Stock, 1914, and Census Data.....		
No. 657. Imports and Exports of Agricultural Products.....		
No. 658. The Cooperative Purchase of Farm Supplies.....		115
No. 661. Some Outstanding Factors in Profitable Farming.....		150
No. 662. Pointers on Marketing Woodlot Products.....		4,150
No. 663. How Hawaii Helps Her Farmers to Market Their Produce.....		
No. 665. Shipping Fish Three Thousand Miles to Market.....		
No. 666. Animal Disease and Our Food Supply.....		
No. 667. The Boys' Pig Club Work.....		400
No. 668. A Successful Rural Cooperative Laundry.....		
No. 669. The Poultry Club Work in the South.....		
No. 670. Osage Orange Waste as a Substitute for Fustic Dyewood.....		90
No. 671. China a Fruitful Field for Plant Exploration.....		
No. 672. How the Whole Country Demonstrated.....		85
No. 673. Karakul Sheep.....		50
No. 674. Recent Grasshopper Outbreaks and Latest Methods of Controlling Them.....		200
No. 675. How the Department of Agriculture Promotes Organization in Rural Life.....		150
No. 676. Economic Importance of the Federal Inspection of Meats.....		50
No. 678. Improvement and Management of Natives' Pastures in the West.....		525
No. 679. How Seed Testing Helps the Farmer.....		



*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## SEPARATES FROM THE YEARBOOKS—Continued.

Title.	Copies received.	Copies distributed.
No. 680. Stories of the Atmosphere.....		105
No. 681. Improved Methods of Handling and Marketing Cotton.....		1,570
No. 682. Statistics of Grain Crops, 1915.....		
No. 683. Statistics of Crops Other than Grain Crops, 1915.....		
No. 684. Live Stock and Miscellaneous Data, 1915.....		
No. 685. Imports and Exports of Agricultural Products.....		
No. 686. Color as an Indication of the Picking Maturity of Fruits and Vegetables.....		40
No. 687. The Plant Introduction Garden of the Department of Agriculture.....		50
No. 688. Farms, Forests, and Erosion.....		3,250
No. 689. The Dasheen: Its Uses and Culture.....	3,500	3,150
No. 690. Agriculture on Government Reclamation Projects.....	7,500	7,215
No. 691. Some American Vegetable Food Oils, Their Sources and Methods of Production.....	5,000	335
No. 692. Stallion Legislation and the Horse Breeding Industry.....		50
No. 693. Fur Farming as a Side Line.....	3,000	3,000
No. 694. The Function of Live Stock in Agriculture.....		160
No. 695. The Present Status of the Sugar Beet Seed Industry in the United States.....		95
No. 696. Opening up the National Forests by Road Building.....		1,625
No. 697. Farmers' Mutual Fire Insurance.....	5,000	3,120
No. 698. Meeting the Farmers Half Way.....		1,000
No. 699. A Federal Cooperative Cheese Manufacture and Marketing Association.....		3,300
No. 701. Thanksgiving Turkey.....		130
No. 702. Possibilities of a Market-Train Service.....		2,630
No. 702. Development and Localization of Truck Crops in the United States.....		60
No. 703. Pumping for Irrigation on the Farm.....		50
No. 704. The Practical Use of the Insect Enemies of Injurious Insects.....		675
No. 705. Business Essentials for Cooperative Fruit and Vegetable Canneries.....		1,975
No. 706. Suppression of the Gipsy Moth and Brown-Tail Moth and Its Value to States not Infected.....		220
No. 707. An Experiment in Community Dairying.....		270
No. 708. Destroying Rodent Pests on the Farm.....	1,500	1,500
No. 709. Progress in Handling the Wool Clip.....		200
No. 710. The Effect of Home Demonstration Work in the Community and County in the South.....		50
No. 711. Cooperative Work Eradicating Citrus Canker.....		265
No. 712. Sewage Disposal on the Farm.....	2,000	1,815
No. 714. The Meat Inspection Service of the U. S. Department of Agriculture.....		575
No. 715. Farm Tenantry in the United States.....	( <sup>1</sup> )	
No. 718. Cooperative Bull Association.....	175	905
No. 719. Statistics of Grain Crops, 1916.....		3,075
No. 720. Statistics of Crops Other Than Grain Crops, 1916.....		710
No. 721. Live Stock and Miscellaneous Data.....		905
No. 722. Imports and Exports of Agricultural Products.....		25
No. 723. The Great Plains Waterfowl Breeding Grounds and Their Protection. (Biological Survey.).....	3,000	2,375
No. 724. Cooperative Campaigns for the Control of Ground Squirrels, Prairie Dogs and Jack Rabbits. (Biological Survey.).....	5,000	3,530
No. 725. The House Rat, the Most Destructive Animal in the World. (Biological Survey.).....	3,000	3,000
No. 726. Rest Rooms for Women in Marketing Centers. (Bureau of Markets.).....	5,000	5,000
No. 727. The Design of Public Roads. (Roads.).....	2,500	2,325
No. 728. Fertilizers from Industrial Wastes. (Soils.).....	1,500	640
No. 729. The Sources of our Nitrogenous Fertilizer. (Soils.).....	1,500	1,310
No. 730. Phosphate Rock our Greatest Fertilizer. (Soils.).....	1,500	945
No. 731. Danger of Introducing Fruit Flies in the United States. (Entomology.).....	2,000	2,000
No. 732. The Weed Problem in American Agriculture. (B. P. I.).....	5,000	4,640
No. 733. Conservation of the Fertilizer Materials from Miner Sources. (Soils.).....	1,500	945
No. 734. Production of Drug-Plant Crops in the United States. (B. P. I.).....	5,000	1,245
No. 735. Value of Records to the Farmer. (Farm Management.).....	2,500	1,100
No. 736. Team Work Between the Farmer and His Agent. (Markets.).....	5,000	2,160
No. 737. Cheese Making Brings Prosperity to Farmers of Southern Mountains. (B. A. I.).....	3,000	2,440
No. 738. Cooperative Marketing—Where? When? How? (Markets.).....	5,000	4,745
No. 739. Federal Aid to Highways. (Roads.).....	2,000	1,050
No. 740. The Soy Bean Industry in the United States. (B. P. I.).....	5,000	1,025
No. 741. Hides and Skins Production Foreign Trade, Supply and Consumption. (B. A. I.).....	5,000	1,050
No. 743. Butter Fat and Income. (B. A. I.).....	4,000	1,415
No. 744. How the Dairy Cow Brought Prosperity in the Wake of the Boll Weevil. (B. A. I.).....	5,000	1,230
No. 745. The Service of Cold Storage in the Conservation of Foodstuffs. (Markets.).....	5,000	3,275
No. 746. The Peanut, a Great American Food. (Chemistry.).....	5,000	1,200
No. 747. A Wasted Sugar Supply. (Ento.).....	2,000	2,000
No. 748. Present Status of the Peanut Industry. (B. P. I.).....	10,000	1,200
No. 749. Growth of the Beef Cattle Industry in the South. (B. A. I.).....	8,000	2,500
No. 750. Sheep and Intensive Farming. (B. A. I.).....	5,000	1,500

<sup>1</sup> Returned to stock.



*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## SEPARATES FROM THE YEARBOOKS—Continued.

Title.	Copies received.	Copies distributed.
No. 751. Wool Production, Foreign Trade, Supply and Consumption. (Crop Estimates).....	3,000	1,300
No. 752. The World's Supply of Wheat. (Farm Management.).....	5,000	1,075
No. 753. Pigs Clubs and the Swine Industry. (B. A. I.).....	50,000	49,500
No. 754. Breeding Horses for the U. S. Army. (B. A. I.).....	5,000	1,050
No. 755. Cereal Diseases and the National Food Supply. (B. P. I.).....	5,000	1,050
No. 756. Sugar Supply of the United States. (Crop Est.).....	5,000	2,765
No. 757. The Seed Supply of the Nation. (B. P. I.).....	30,000	1,025
No. 758. A Graphic Summary of Seasonal Work on Farm Crops. (Farm Management.).....	5,000	1,000
No. 759. Statistics of Grain Crops.....	5,000	1,125
No. 760. Statistics of Crops Other Than Grain Crops.....	5,000	1,025
No. 761. Live Stock 1917 and Miscellaneous Data.....	5,000	555
No. 762. Imports and Exports of Agricultural Products.....	5,000	1,175
Total.....	265,575	197,810

## FARMERS' BULLETINS.

No. 22. Feeding of Farm Animals.....	10,000	10,000
No. 30. Grape Diseases on Pacific Coast.....		650
No. 34. Meats, Composition and Cooking.....	30,000	47,900
No. 44. Commercial Fertilizers, Composition and Use.....	10,000	10,000
No. 48. Manuring of Cotton.....		10,150
No. 51. Standard Varieties of Chickens.....	30,000	30,000
No. 55. Dairy Herd, Its Formation and Management.....		900
No. 77. Liming of Soils.....	10,000	10,000
No. 81. Corn Culture in the South.....		18,125
No. 104. Notes on Frost.....		700
No. 106. Breeds of Dairy Cattle.....		2,050
No. 113. The Apple and How to Grow It.....		2,500
No. 121. Beans, Peas, and Other Legumes as Food.....	1,000	650
No. 127. Important Insecticides, Directions for Preparation and Use.....		5,800
No. 134. Tree Planting on Rural School Grounds.....		2,600
No. 139. Emmer, a Grain for Semiarid Regions.....	5,000	2,625
No. 140. Pineapple Growing.....		1,150
No. 142. Principles of Nutrition and Nutritive Value of Food.....	25,000	19,050
No. 152. Scabies of Cattle.....		2,150
No. 154. Home Fruit Garden, Preparation and Care.....	20,000	18,050
No. 157. Propagation of Plants.....	20,000	12,000
No. 164. Rape as Forage Crop.....		1,150
No. 167. Cassava.....		700
No. 170. Principles of Horse Feeding.....		6,700
No. 173. Primer of Forestry. (Pt. I.).....		2,000
No. 176. Cranberry Culture.....		700
No. 179. Horseshoeing.....		9,100
No. 181. Pruning.....	40,000	38,775
No. 183. Meat on the Farm, Butchering, Curing, and Keeping.....	30,000	32,200
No. 185. Beautifying the Home Grounds.....		1,750
No. 188. Weeds Used in Medicine.....		4,300
No. 192. Barnyard Manure.....	5,000	5,000
No. 197. Importation of Game Birds and Eggs for Propagation.....		650
No. 198. Strawberries.....	10,000	1,900
No. 200. Turkeys, Standard Varieties and Management.....		1,900
No. 203. Canned Fruit, Preserves, and Jellies, Household Methods of Preparation.....		129,400
No. 204. Cultivation of Mushrooms.....	20,000	9,200
No. 206. Milk Fever, Its Simple and Successful Treatment.....	20,000	20,000
No. 213. Raspberries.....	5,000	2,150
No. 218. School Garden.....	60,000	29,775
No. 220. Tomatoes.....	5,000	7,175
No. 229. Production of Good Seed Corn.....		3,900
No. 232. Okra, Its Culture and Uses.....	5,000	8,200
No. 239. Corrosion of Fence Wire.....		2,200
No. 243. Fungicides and Their Use in Preventing Diseases of Fruits.....		2,100
No. 246. Saccharine Sorghums for Forage.....		2,800
No. 249. Cereal Breakfast Foods.....	20,000	25,425
No. 253. Germination of Seed Corn.....		3,500
No. 254. Cucumbers.....	15,000	17,506
No. 255. Home Vegetable Garden.....		48,725
No. 256. Preparation of Vegetables for the Table.....		127,850
No. 257. Soil Fertility.....	130,000	1,550
No. 266. Management of Soils to Conserve Moisture.....		3,025
No. 270. Modern Conveniences for the Farm Home.....	5,000	7,800
No. 271. Forage-Crop Practices in Western Oregon and Western Washington.....		2,025
No. 272. Successful Hog and Seed-Corn Farm.....		5,600

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## FARMERS' BULLETINS—Continued.

Title.	Copies received.	Copies distributed.
No. 278. Leguminous Crops for Green Manuring.....		16, 100
No. 279. Method of Eradicating Johnson Grass.....	10, 000	6, 100
No. 282. Celery.....	5, 000	4, 550
No. 287. Poultry Management.....	90, 000	86, 015
No. 289. Beans.....	30, 000	39, 160
No. 290. Cotton Bollworm, Summary of Its Life History and Habits.....		4, 700
No. 291. Evaporation of Apples.....	20, 000	29, 100
No. 293. Use of Fruit as Food.....	80, 000	55, 200
No. 294. Farm Practice in Columbia Basin Uplands.....		1, 150
No. 295. Potatoes and Other Root Crops as Food.....		8, 790
No. 298. Food Value of Corn and Corn Products.....	1, 000	2, 650
No. 303. Corn-Harvesting Machinery.....		8, 800
No. 304. Growing and Curing Hops.....	5, 000	2, 650
No. 306. Dodder in Relation to Farm Seeds.....		700
No. 310. Successful Alabama Diversification Farm.....		1, 300
No. 311. Sand-Clay and Burnt-Clay Roads.....		5, 300
No. 312. Successful Southern Hay Farm.....		3, 300
No. 313. Harvesting and Storing Corn.....		3, 600
No. 318. Cowpeas.....	10, 000	6, 130
No. 324. Sweet Potatoes.....	25, 000	15, 900
No. 325. Small Farms in Corn Belt.....		1, 475
No. 326. Building Up Run-Down Cotton Plantations.....		5, 700
No. 330. Deer Farming in United States.....		4, 730
No. 331. Forage Crops for Hogs in Kansas and Oklahoma.....		175
No. 337. Cropping Systems for New England Dairy Farms.....		675
No. 338. Macadam Roads.....	10, 000	9, 350
No. 339. Alfalfa.....	30, 000	40, 600
No. 345. Some Common Disinfectants.....		4, 200
No. 346. Computation of Rations for Farm Animals by Use of Energy Values.....		6, 275
No. 347. Repair of Farm Equipment.....		1, 150
No. 349. Dairy Industry in the South.....		8, 550
No. 350. Dehorning of Cattle.....	15, 000	12, 600
No. 351. Tuberculin Test of Cattle for Tuberculosis.....	5, 000	10, 500
No. 354. Onion Culture.....		37, 900
No. 355. Successful Poultry and Dairy Farm.....	70, 000	51, 007
No. 358. Primer of Forestry. (Pt. 2.).....		3, 100
No. 361. Meadow Fescue, Its Culture and Uses.....		1, 550
No. 363. Use of Milk as Food.....	60, 000	51, 925
No. 369. How to Destroy Rats.....		11, 400
No. 370. Replanning a Farm for Profit.....		4, 960
No. 371. Drainage of Irrigated Lands.....		6, 375
No. 372. Soy Beans.....		2, 000
No. 373. Irrigation of Alfalfa.....		5, 700
No. 375. Care of Food in Home.....	90, 000	53, 850
No. 380. Loco-Weed Disease.....		1, 200
No. 382. Adulteration of Forage-Plant Seeds.....		1, 550
No. 390. Pheasant Raising in United States.....		2, 050
No. 391. Economical Use of Meat in the Home.....	50, 000	203, 255
No. 392. Irrigation of Sugar Beets.....		2, 200
No. 395. Sixty-Day and Kherson Oats.....		1, 500
No. 400. More Profitable Corn-Planting Method.....		3, 300
No. 402. Canada Blue Grass, Its Culture and Uses.....		1, 100
No. 403. Construction of Concrete Fence Posts.....		4, 050
No. 404. Irrigation of Orchards.....		1, 050
No. 406. Soil Conservation.....		2, 550
No. 407. Potato as Truck Crop.....		16, 700
No. 411. Feeding Hogs in the South.....	110, 000	57, 850
No. 413. Care of Milk and Its use in Home.....	80, 000	54, 850
No. 414. Corn Cultivation.....	100, 000	10, 800
No. 415. Seed Corn.....	115, 000	81, 400
No. 416. Production of Cigar-Leaf Tobacco in Pennsylvania.....	15, 000	5, 340
No. 417. Rice Culture.....		900
No. 420. Oats, Distribution and Uses.....		10, 200
No. 422. Demonstration Work on Southern Farms.....		3, 150
No. 423. Forest Nurseries for Schools.....		1, 400
No. 424. Oats Growing the Crop.....		5, 300
No. 426. Canning Peaches on the Farm.....	20, 000	21, 800
No. 427. Barley Culture in Southern States.....		500
No. 428. Testing Farm Seeds in Home and in Rural School.....		14, 000
No. 431. Peanut.....	30, 000	42, 905
No. 432. How City Family Managed Farm.....		1, 020
No. 433. Cabbage.....	20, 000	5, 400
No. 434. Home Production of Onion Seed and Sets.....	20, 000	11, 950
No. 436. Winter Oats for the South.....	100, 000	55, 775
No. 438. Hog Houses.....	75, 000	56, 400
No. 440. Spraying Peaches for Control of Brown-rot, Scab and Curculio.....	20, 000	10, 250
No. 442. Treatment of Bee Diseases.....	30, 000	22, 900
No. 443. Barley Growing the Crop.....	5, 000	2, 700

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## FARMERS' BULLETINS—Continued.

Title.	Copies received.	Copies distributed.
No. 444. Remedies and Preventives Against Mosquitoes.....	10,000	20,450
No. 445. Marketing Eggs Through Creamery.....		5,200
No. 446. Choice of Crops for Alkali Land.....	10,000	7,100
No. 447. Bees.....	40,000	64,000
No. 449. Rabies or Hydrophobia.....	10,000	4,405
No. 450. Some Facts about Malaria.....		7,000
No. 452. Capons and Caponizing.....		1,400
No. 453. Danger of General Spread of Gipsy and Brown-Tail Moths Through Imported Nursery Stock.....		11,200
No. 454. Successful New York Farm.....		325
No. 455. Red Clover.....		13,205
No. 456. Our Grosbeaks and Their Value to Agriculture.....		450
No. 460. Frames as Factor in Truck Growing.....	30,000	8,450
No. 461. Use of Concrete on the Farm.....		5,820
No. 462. Utilization of Logged-Off Land for Pasture in Western Oregon and Western Washington.....		1,175
No. 467. Control of Chestnut Bark Disease.....		4,525
No. 471. Grape Propagation, Pruning, and Training.....	30,000	26,675
No. 473. Tuberculosis, Plain Statement for Farmers and Others Interested in Live Stock.....	50,000	37,800
No. 474. Use of Paint on Farm.....	20,000	10,100
No. 475. Ice Houses.....	10,000	9,100
No. 476. Dying of Pine in Southern States.....		400
No. 477. Sorghum Sirup Manufacture.....	15,000	12,476
No. 480. Practical Methods of Disinfecting Stables.....		13,425
No. 481. Concrete Construction on Live Stock.....		10,700
No. 482. Pear and How to Grow It.....	5,000	1,500
No. 484. Some Common Mammals of Western Montana in Relation to Agriculture and Spotted Fever.....		2,950
No. 485. Sweet Clover.....	20,000	20,000
No. 487. Cheese and Its Economical Uses in Diet.....	130,000	100,975
No. 491. Profitable Management of Small Apple Orchard on General Farm.....		250
No. 492. More Important Insect and Fungous Enemies of Fruit and Foliage of Apple.....	50,000	4,825
No. 493. English Sparrow as a Pest.....	30,000	17,600
No. 494. Lawns and Soils and Lawns.....		15,800
No. 495. Alfalfa Seed Production.....		6,158
No. 496. Raising Belgian Hares and Other Rabbits.....	85,000	66,090
No. 497. Some Common Game, Aquatic, and Rapacious Birds in Relation to Man.....	10,000	5,425
No. 498. Methods of Exterminating Texas-Fever Tick.....	50,000	4,500
No. 501. Cotton Improvement Under Weevil Conditions.....	10,000	9,050
No. 502. Timothy Production on Irrigated Land in Northwestern States.....		1,000
No. 503. Comb Honey.....	30,000	29,295
No. 505. Benefits of Improved Roads.....	15,000	14,695
No. 506. Food of Some Well-Known Birds of Forest, Farm, and Garden.....	10,000	6,400
No. 507. Smuts of Wheat, Oats, Barley, and Corn.....		1,950
No. 508. Market Hay.....		5,350
No. 509. Forage Crops for Cotton Region.....		16,875
No. 511. Farm Bookkeeping.....	20,000	20,000
No. 512. Boll-Weevil Problem, with Special Reference to Means of Reducing Damage.....		10,500
No. 513. Fifty Common Birds of Farm and Orchard.....		1,000
No. 515. Vetches, with Chapter on Vetch Seed and Its Adulterants.....	10,000	5,150
No. 516. Production of Maple Sirup and Sugar.....	5,000	10,275
No. 518. Winter Barley.....	15,000	5,850
No. 519. Example of Intensive Farming in Cotton Belt.....		1,080
No. 521. Canning Tomatoes at Home and in Club Work.....		38,875
No. 523. Tobacco Curing.....	5,000	6,400
No. 524. Tile Drainage on Farm.....	15,000	10,497
No. 525. Raising Guinea Pigs.....	5,000	2,250
No. 526. Mutton and Its Value in Diet.....	30,000	35,575
No. 528. Hints to Poultry Raisers.....	15,000	49,350
No. 529. Vetch Growing in South Atlantic States.....	10,000	6,230
No. 530. Important Potato Diseases.....	110,000	135,725
No. 531. Larkspur, Or Poison Weed.....		1,600
No. 533. Good Seed Potatoes and How to Produce Them.....	50,000	36,700
No. 534. Durum Wheat.....		12,200
No. 535. Sugar and Its Value as Food.....	50,000	30,300
No. 537. How to Grow an Acre of Corn.....	50,000	66,125
No. 540. Stable Fly.....	10,000	10,650
No. 543. Common White Grubs.....		14,700
No. 544. Potato-Tuber Diseases.....		20,000
No. 545. Controlling Canada Thistles.....		2,800
No. 546. How to Manage Corn Crop in Kentucky and West Virginia.....		2,925
No. 547. Yellow-Fever Mosquito.....		5,200
No. 548. Storing and Marketing Sweet Potatoes.....		27,250
No. 550. Crimson Clover, Growing the Crop.....	20,000	9,050

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## FARMERS' BULLETINS—Continued.

Title.	Copies received.	Copies distributed.
No. 551. Cultivation of American Ginseng.....	5,000	2,000
No. 552. Kafir as Grain Crop.....		300
No. 553. Pop Corn for Home.....		14,950
No. 554. Pop Corn for Market.....		8,075
No. 555. Cotton Anthracnose and How to Control It.....		6,748
No. 557. Potato-Tuber Moth.....		1,450
No. 559. Use of Corn, Kafir and Cowpeas in the Home.....	55,000	40,000
No. 561. Bean Growing in Eastern Washington and Oregon and Northern Idaho.....		13,400
No. 562. Organization of Boys' and Girls' Poultry Clubs.....		30,700
No. 564. Gipsy Moth and Brown-Tail Moth with Suggestions for Control.....		900
No. 565. Corn Meal as Food and Ways of Using It.....	450,000	408,475
No. 566. Boys' Pig Clubs.....	50,000	65,375
No. 567. Sugar-Beet Growing Under Irrigation.....		175
No. 568. Sugar-Beet Growing Under Humid Conditions.....		850
No. 569. Texas or Tick Fever.....		9,350
No. 571. Tobacco Culture.....	5,000	4,050
No. 572. System of Farm Cost Accounting.....	15,000	14,400
No. 573. Angora Goat.....	15,000	8,458
No. 574. Poultry House Construction.....	250,000	118,160
No. 576. Breeds of Sheep for Farm.....	30,000	28,421
No. 577. Growing Egyptian Cotton in Salt River Valley, Ariz.....		2,400
No. 578. Making and Feeding of Silage.....	30,000	27,610
No. 579. Crimson Clover, Utilization.....	30,000	4,150
No. 580. Beef Production in the South.....	30,000	15,250
No. 582. Uses for Chestnut Timber Killed by Bark Disease.....		1,700
No. 583. Common Mole of Eastern United States.....	25,000	9,650
No. 585. Natural and Artificial Incubation of Hen's Eggs.....	250,000	104,560
No. 586. Collection and Preservation of Plant Material for Use in Study of Agriculture.....		7,640
No. 587. Economic Value of North American Skunks.....	15,000	7,800
No. 588. Economical Cattle Feeding in Corn Belt.....		11,250
No. 591. Classification and Grading of Cotton.....		5,850
No. 592. Stock-Watering Places on Western Grazing Lands.....		1,600
No. 593. How to Use Farm Credit.....		15,950
No. 594. Shipping Eggs by Parcel Post.....		3,100
No. 595. Arsenate of Lead as Insecticide Against Tobacco Hornworms in Dark-Tobacco Districts.....		2,350
No. 596. Culture of Winter Wheat in Eastern United States.....	50,000	7,100
No. 597. Agricultural Outlook.....	20,000	11,900
No. 600. Outfit for Boring Taprooted Stumps for Blasting.....		2,000
No. 601. New System of Cotton Culture and Its Application.....	10,000	9,400
No. 602. Production of Clean Milk.....	30,000	30,800
No. 603. Arsenical Cattle Dips, Preparation and Directions for Use.....	20,000	12,725
No. 605. Sudan Grass as Forage Crop.....	25,000	9,250
No. 606. Collection and Preservation of Insects and Other Material for Use in Study of Agriculture.....	10,000	8,665
No. 607. Farm Kitchens as Workshop.....	40,000	31,353
No. 608. Removal of Garlic Flavor from Milk and Cream.....	10,000	10,400
No. 609. Bird Houses and How to Build Them.....	20,000	27,590
No. 610. Wild Onion, Methods of Eradication.....	10,000	13,100
No. 612. Breeds of Beef Cattle.....	30,000	26,450
No. 613. Goldensal Under Cultivation.....		2,300
No. 614. Corn-Belt Farming System Which Saves Harvest Labor by Hogging Down Crops.....	15,000	10,300
No. 616. Winter-Wheat Varieties for Eastern United States.....	5,000	4,825
No. 617. School Lessons on Corn.....		9,950
No. 618. Leaf-Spot, Disease of Sugar Beet.....		2,250
No. 619. Breeds of Draft Horses.....	15,000	15,350
No. 621. How to Attract Birds in Northeastern United States.....	10,000	5,300
No. 622. Basket Willow Culture.....		2,320
No. 623. Ice Houses and Use of Ice on Dairy Farm.....	5,000	7,450
No. 624. Natural and Artificial Brooding of Chickens.....	250,000	127,292
No. 625. Cotton Wilt and Root Knot.....	15,000	7,150
No. 626. Carpet Beetle or Buffalo Moth.....	5,000	4,350
No. 627. House Centipede.....	5,000	3,800
No. 630. Some Common Birds Useful to Farmer.....	30,000	20,327
No. 631. Growing Peaches, Sites, Propagation, Planting, Tillage and Maintenance of Soil Fertility.....		4,725
No. 632. Growing Peaches, Pruning, Renewal of Tops, Thinning Interplanted Crops, and Special Practices.....		14,200
No. 633. Growing Peaches, Varieties and Classification.....		5,700
No. 635. What the Farm Contributes Directly to Farmer's Living.....	30,000	8,050
No. 636. Chalcis-Fly in Alfalfa Culture.....		2,650
No. 637. Grasshopper Problem and Alfalfa Culture.....		5,100
No. 638. Laboratory Exercises in Farm Mechanics for Agricultural High Schools.....		3,800
No. 639. Eradication of Cattle Tick Necessary for Profitable Dairying.....		14,000
No. 640. Hessian Fly.....		6,200



*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## FARMERS' BULLETINS—Continued.

Title.	Copies received.	Copies distributed.
No. 642. Tomato Growing in the South.....	30,000	35,850
No. 643. Blackberry Culture.....	15,000	8,425
No. 644. Manufacture and Use of Unfermented Grape Juice.....	30,000	46,300
No. 646. Crimson Clover, Seed Production.....	20,000	7,000
No. 647. Home Garden in the South.....	50,000	50,000
No. 648. Control of Root Knot.....	.....	5,300
No. 649. Alfalfa Attacked by Clover-Root Curculio.....	.....	1,419
No. 650. San Jose Scale and Its Control.....	15,000	11,950
No. 652. Sheep-Killing Dog.....	.....	1,375
No. 653. Honey and Its Uses in the Home.....	100,000	68,300
No. 654. How Farmers May Improve Their Personal Credit.....	.....	52,400
No. 655. Cottonseed Meal for Feeding Beef Cattle.....	.....	7,650
No. 656. Community Egg Circle.....	145,000	46,900
No. 657. Chinch Bug.....	.....	7,815
No. 658. Cockroaches.....	10,000	12,950
No. 659. True Clothes Moths.....	.....	10,350
No. 660. Weeds, How to Control Them.....	20,000	32,642
No. 661. Method of Analyzing Farm Business.....	20,000	18,300
No. 662. Apple-Tree Tent Caterpillar.....	10,000	6,966
No. 663. Drug Plants Under Cultivation.....	5,000	8,100
No. 664. Strawberry Growing in the South.....	20,000	15,800
No. 666. Foot-and-Mouth Disease.....	.....	3,400
No. 667. Breaking and Training Colts.....	25,000	16,000
No. 668. Squash-Vine Borer.....	5,000	6,765
No. 669. Fiber Flax.....	.....	3,900
No. 670. Field Mice as Farm and Orchard Pests.....	10,000	9,150
No. 671. Harvest Mites, or Chiggers.....	.....	5,800
No. 673. Irrigation Practice in Rice Growing.....	.....	1,690
No. 674. Control of Citrus Thrips in California and Arizona.....	.....	1,200
No. 675. Roundheaded Apple-Tree Borer.....	.....	7,050
No. 676. Hard Clover Seed and Its Treatment in Hulling.....	.....	1,200
No. 677. Growing Hay in the South for Market.....	30,000	3,125
No. 678. Growing Hard Spring Wheat.....	.....	6,900
No. 680. Varieties of Hard Spring Wheat.....	.....	5,665
No. 681. The Silver Fish, an Injurious Household Insect.....	.....	3,850
No. 682. Simple Trap Nest for Poultry.....	160,000	74,710
No. 683. Fleas as Pests to Man and Animals, with Suggestions for Their Control.....	.....	195
No. 684. Squab Raising.....	70,000	50,175
No. 685. The Native Persimmon.....	.....	4,950
No. 687. Eradication of Ferns from Pasture Lands in Eastern United States.....	.....	7,725
No. 688. Culture of Rice in California.....	.....	2,683
No. 689. Plan for Small Dairy House.....	30,000	20,700
No. 690. Field Pea as Forage Crop.....	20,000	9,550
No. 691. Grasshoppers and Their Control on Sugar Beets and Truck Crops.....	.....	3,335
No. 693. Bur Clover.....	.....	3,335
No. 694. Cultivation of Peppermint and Spearmint.....	10,000	4,150
No. 695. Outdoor Wintering of Bees.....	50,000	40,057
No. 696. Handling and Shipping Citrus Fruits in Gulf States.....	.....	8,500
No. 697. Duck Raising.....	100,000	51,345
No. 698. Trenching Machinery Used for Construction of Trenches for Tile Drains.....	.....	4,294
No. 699. Hydrocyanic-Acid Gas Against Household Insects.....	.....	7,400
No. 700. Pecan Culture.....	.....	15,500
No. 701. The Bag Worm, an Injurious Shade-Tree Insect.....	.....	4,011
No. 702. Cottontail Rabbits in Relation to Trees and Farm Crops.....	.....	5,055
No. 703. Suggestions for Parcel-Post Marketing.....	10,000	20,950
No. 704. Grain Farming in Corn Belt with Live Stock as Side Line.....	.....	18,225
No. 705. The Catalpa Sphinx.....	.....	1,275
No. 706. Law Relating to Fur-Bearing Animals 1915.....	.....	1,000
No. 707. Commercial Grading, Packing, and Shipping of Cantaloupes.....	5,000	2,650
No. 708. The Leopard Moth, a Dangerous Imported Insect Enemy of Shade Trees.....	.....	3,500
No. 709. Muscadine Grapes.....	.....	7,525
No. 710. Bridge Grafting of Fruit Trees.....	.....	2,925
No. 711. Care and Improvement of the Woodlot.....	.....	7,000
No. 712. School Lunches.....	65,000	64,640
No. 713. Sheep Scab.....	.....	12,271
No. 714. Sweet Potato Diseases.....	15,000	16,500
No. 715. Measuring and Marketing Woodlot Products.....	.....	6,400
No. 716. Management of Sandy-Land Farms in Northern Indiana and Southern Michigan.....	5,000	6,950
No. 717. Food for Young Children.....	200,000	191,295
No. 718. Cooperative Live-Stock Shipping Associations.....	20,000	8,625
No. 719. Economic Study of Farm Tractor in Corn Belt.....	.....	23,150
No. 720. Prevention of Losses of Live Stock from Plant Poisoning.....	.....	7,600
No. 721. The Rose Chafer.....	.....	3,775
No. 722. Leaf Blister Mite of Pear and Apple.....	.....	2,400
No. 723. Oyster-Shell Scale and Scurfy Scale.....	.....	2,700



*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## FARMERS' BULLETINS—Continued.

Title.	Copies received.	Copies distributed.
No. 724. Feeding of Grain Sorghums to Live Stock.....	13,000	15,500
No. 725. Wireworms Destructive to Cereal and Forage Crops.....		6,325
No. 726. Natal Grass, a Southern Perennial Hay Crop.....		5,150
No. 727. Growing Fruit for Home Use in the Great Plains Area.....		3,200
No. 728. Dewberry Culture.....		8,125
No. 729. Corn Culture in Southeastern States.....	30,000	15,050
No. 730. Button Clover.....		2,700
No. 731. True Army Worm and Its Control.....		4,250
No. 732. Marquis Wheat.....		2,550
No. 733. Corn and Cotton Wireworm in Its Relation to Cereal and Forage Crops with Control Measures.....		6,150
No. 734. Flytraps and Their Operation.....	50,000	27,700
No. 735. Red Spider on Cotton and How to Control It.....		1,150
No. 736. Ginseng Diseases and Their Control.....		3,155
No. 737. Clover Leafhopper and Its Control in Central States.....	20,000	1,800
No. 738. Cereal Crops in Panhandle of Texas.....		2,875
No. 739. Cutworms and Their Control in Corn and Other Cereal Crops.....	30,000	13,675
No. 740. House Ants, Kind and Methods of Control.....	40,000	24,750
No. 741. Alfalfa Weevil and Methods of Controlling It.....		3,400
No. 742. White Pine Blister Rust.....		18,475
No. 743. Feeding of Dairy Cows.....	50,000	43,300
No. 744. Preservative Treatment of Farm Timbers.....	30,000	7,650
No. 745. Waste Land and Wasted Land On Farms.....		9,050
No. 746. The Farmers' Income.....		8,825
No. 747. Grasshopper Control in Relation to Cereal and Forage Crops.....		7,250
No. 748. Simple Steam Sterilizer for Farm Dairy Utensils.....	40,000	24,835
No. 749. Grains for Montana Dry Lands.....		4,173
No. 750. Roses for the Home.....	30,000	45,325
No. 751. Peanut Oil.....	10,000	11,225
No. 752. Fall Army Worm, or Grass Worm and Its Control.....	15,000	3,380
No. 753. Commercial Handling, Grading, and Marketing of Potatoes.....	50,000	23,950
No. 754. The Bedbug.....	20,000	12,120
No. 755. Common Birds of Southeastern United States in Relation to Agriculture.....		4,850
No. 756. Culture of Rye in Eastern Half of United States.....	75,000	7,600
No. 757. Commercial Varieties of Alfalfa.....		6,400
No. 758. Muscadine Grape Sirup.....		9,475
No. 759. "White Ants" as Pests in United States and Methods of Preventing Their Damage.....		4,100
No. 760. How to Attract Birds in Northwestern United States.....	10,000	6,375
No. 761. Management of Muck-Land Farms in Indiana and Michigan.....	5,000	4,600
No. 762. False Chinch Bug and Measures for Controlling It.....		750
No. 763. Orchard Barkbeetles and Pinhole Borers and How to Control Them.....	20,000	6,150
No. 764. Cotton Ginning Information for Farmers.....	20,000	9,500
No. 765. Breeds of Swine.....	100,000	80,600
No. 766. Common Cabbage Worm.....		12,700
No. 767. Goose-raising.....	160,000	58,400
No. 768. Dwarf Broom Corns.....		9,525
No. 769. Growing Grain on Southern Idaho Dry Farms.....		5,400
No. 770. Canaries, Their Care and Management.....		17,415
No. 771. Homemade Fireless Cookers and Their Use.....	50,000	61,950
No. 772. Control of Sugar-Beet Nematode.....	15,000	2,750
No. 773. Corn Growing Under Droughty Conditions.....	300,000	53,200
No. 775. Losses from Selling Cotton in Seed.....	5,000	9,975
No. 776. Growing Cherries East of Rocky Mountains.....	15,000	10,300
No. 777. Feeding and Management of Dairy Calves and Young Dairy Stock.....	40,000	53,577
No. 778. Powder-Post Damage by Lyctus Beetles to Seasoned Hardwood.....	10,000	2,700
No. 779. How to Select a Sound Horse.....	50,000	49,200
No. 780. Castration of Young Pigs.....	80,000	45,000
No. 781. Tuberculosis of Hogs.....	80,000	51,550
No. 782. Use of Dairy Farm Accounts.....	20,000	11,900
No. 783. Laws Relating to Fur-Bearing Animals, 1916.....		3,850
No. 784. Anthrax or Charbon.....	10,000	7,260
No. 785. Seed-Flax Production.....	30,000	5,150
No. 786. Fall-Sown Grains in Maryland and Virginia.....		5,678
No. 787. Sea-Island Cotton.....		4,750
No. 788. Windbreak as Farm Asset.....	15,000	6,350
No. 789. Mushroom Pests and How to Control Them.....		5,300
No. 790. Contagious Abortion of Cattle.....	50,000	30,475
No. 791. Turkey Raising.....	290,000	90,200
No. 792. How Federal Farm Loan Act Benefits Farmer.....	15,000	28,300
No. 793. Foxtail Millet, Its Culture and Utilization.....		500
No. 794. Citrus Fruit Improvement.....		5,528
No. 795. Domesticated Silver Fox.....	10,000	5,250
No. 796. Some Common Edible and Poisonous Mushrooms.....	10,000	17,078
No. 797. Sweet Clove, Growing the Crop.....	60,000	45,400
No. 798. Sheep Tick and Its Eradication by Dipping.....	40,000	18,987
No. 799. Carbon Disulphid as an Insecticide.....	10,000	15,200

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## FARMERS' BULLETINS—Continued.

Title.	Copies received.	Copies distributed.
No. 800. Grains for Dry Lands of Central Oregon.....		2,060
No. 801. Mites and Lice on Poultry.....	280,000	223,405
No. 802. The Classification and Grading of American Upland Cotton.....	25,000	19,950
No. 803. Horse Breeding Suggestions for Farmers.....	100,000	39,887
No. 804. Aphids Injurious to Orchard Fruits, Currant, Gooseberry, and Grape..	30,000	17,200
No. 805. Drainage of Irrigated Farms.....	35,000	22,000
No. 806. Standard Varieties of Chickens.....	350,000	215,087
No. 807. Bread and Bread Making in the Home.....	500,000	372,095
No. 808. How to Select Foods: I—What the Body Needs.....	450,000	437,336
No. 809. Marketing Live Stock in the South.....	30,000	16,600
No. 810. Equipment for Farm Sheep Raising.....	70,000	59,650
No. 811. Production of Baby Beef.....	80,000	51,600
No. 812. How Live Stock is Handled in Bluegrass Region of Kentucky.....	30,000	7,541
No. 813. Construction and Use of Farm Weirs.....	30,000	17,000
No. 814. Bermuda Grass.....		18,373
No. 815. Organization, Financing, and Administration of Drainage Districts.....	35,000	17,700
No. 816. Minor Articles of Farm Equipment.....	30,000	15,072
No. 817. How to Select Foods: II—Cereals.....	200,000	207,575
No. 818. Small Vegetable Garden.....	20,150	20,150
No. 819. Tobacco Budworm and Its Control in the Southern Tobacco Districts..	20,000	15,500
No. 820. Sweet Clover Utilization.....	60,000	57,790
No. 821. Watermelon Diseases.....	15,000	23,314
No. 822. Live-Stock Classifications at County Fairs.....	20,000	22,550
No. 823. Sugar-Beet Sirup.....	80,000	55,400
No. 824. How to Select Foods: III—Foods Rich in Protein.....	200,000	169,166
No. 825. Pit Silos.....	60,000	32,890
No. 826. Eradicating Tall Larkspur on Cattle Ranges in the National Forests...	20,000	19,751
No. 827. Shallu or Egyptian Wheat.....		5,050
No. 828. Farm Reservoirs.....	50,000	22,707
No. 829. Asparagus.....	50,000	34,175
No. 830. Marketing Eggs by Parcel Post.....	230,000	47,440
No. 831. The Red Spider on Cotton and How to Control It.....	40,000	19,300
No. 832. Trapping Moles and Utilizing Their Skins.....	40,000	32,150
No. 833. Methods of Controlling or Eradicating the Wild Oats in the Hard Spring Wheat Area.....	30,000	14,400
No. 834. Hog Cholera.....	230,000	191,116
No. 835. How to Detect Outbreaks of Insects and Save the Grain Crops.....	10,000	21,704
No. 836. Sweet Clover, Harvesting.....	50,000	30,740
No. 837. The Asparagus Beetles and Their Control.....	35,000	21,050
No. 838. Harvesting Hay with the Sweep-Rake Means by Which Eastern Hay-Growers May Save Labor.....		12,289
No. 839. Home Canning by the One-Period Cold-Pack Method.....	1,900,000	1,975,925
No. 840. Farm Sheep Raising for Beginners.....	90,000	90,000
No. 841. Home and Community Drying of Fruits and Vegetables.....	950,000	1,050,228
No. 842. Modern Methods of Protection Against Lightning.....	40,000	34,612
No. 843. Important Pecan Insects and Their Control.....	50,000	15,050
No. 844. How to Attract Birds in the Middle Atlantic States.....	30,000	22,400
No. 845. The Gipsy Moth and the Brown-Tail Moth and Their Control.....	40,000	18,350
No. 846. The Tobacco Beetle and How to Prevent Loss From It.....	20,000	13,400
No. 847. Potato Storage and Storage Houses.....	125,000	120,790
No. 848. The Boll Weevil Problem.....	50,000	25,605
No. 849. Capons and Caponizing.....	200,000	48,150
No. 850. How to Make Cottage Cheese on the Farm.....	150,000	104,387
No. 851. The House Fly.....	70,000	49,532
No. 852. Management of Common-Storage Houses for Apples in the Pacific Northwest.....	30,000	13,783
No. 853. Home Canning of Fruits and Vegetables.....	1,400,000	1,299,612
No. 854. Strawberry Culture in Tennessee, Kentucky, and West Virginia.....	40,000	21,325
No. 855. Homemade Silos.....	90,000	57,090
No. 856. Control of Diseases and Insect Enemies of the Home Vegetable Garden..	300,000	178,908
No. 857. Screw-Worms and Other Maggots Affecting Animals.....	30,000	15,550
No. 858. The Guinea Fowl.....	60,000	48,250
No. 859. Home Preservation of Muscadine Grapes.....	120,000	78,200
No. 860. Cranberry-Insect Problems and Suggestions for Solving Them.....	20,000	14,396
No. 861. Removal of Stains from Clothing and Other Textiles.....	200,000	145,107
No. 862. The Common Mealybug and Its Control in California.....	25,000	20,400
No. 863. Irrigation of Grain.....	30,000	25,000
No. 864. Practical Information for Beginners in Irrigation.....	40,000	23,300
No. 865. Irrigation of Alfalfa.....	40,000	20,550
No. 866. The Use of Windmills in Irrigation in the Semiarid West.....	20,000	15,000
No. 867. Tobacco Hornworm Insecticide.....	35,000	14,916
No. 868. Increasing the Potato Crop by Spraying.....	85,000	46,290
No. 869. The Muskrat as a Fur Bearer, with Notes on Its Use as Food.....	45,000	18,200
No. 870. The Community Fair.....	60,000	47,850
No. 871. Fresh Fruits and Vegetables as Conservers of Other Staple Foods.....	300,000	200,060
No. 872. The Bollworm or Corn Earworm.....	20,000	20,000
No. 873. Utilization of Farm Wastes in Feeding Live Stock.....	50,000	41,725

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## FARMERS' BULLETINS—Continued.

Title.	Copies received.	Copies distributed.
No. 874. Swine Management.....	200,000	156,060
No. 875. The Rough-Headed Corn Stalk Beetle and Its Control.....	20,000	17,970
No. 876. Making Butter on the Farm.....	100,000	54,477
No. 877. Human Food From an Acre.....	80,000	33,850
No. 878. Grains for Western North and South Dakota and Eastern Montana.....	40,000	20,700
No. 879. Home Storage of Vegetables.....	250,000	110,505
No. 880. Fumigation of Ornamental Greenhouse Plants with Hydrocyanic-acid Gas.....	40,000	22,500
No. 881. Salting, Fermentation, and Pickling of Vegetables.....	300,000	296,500
No. 882. Irrigation of Orchards.....	60,000	21,800
No. 883. Grains for the Utah Dry Lands.....	20,000	18,400
No. 884. Saving Vegetable Seeds for the Home and Market Garden.....	100,000	65,880
No. 885. Wheat Growing in the Southeastern States.....	150,000	66,225
No. 886. Harvesting Soy Beans for Seed.....	60,000	38,000
No. 887. Raspberry Culture.....	40,000	32,540
No. 888. Advice to Forest Planters in the Plains Region.....	35,000	18,200
No. 889. Back-Yard Poultry Keeping.....	500,000	374,485
No. 890. How Insects Affect the Cotton Plant and Means of Combating Them.....	40,000	22,350
No. 891. The Corn Root-Aphis and Methods of Controlling It.....	30,000	15,970
No. 892. Spring Oat Production.....	90,000	54,300
No. 893. Breeds of Dairy Cattle.....	90,000	65,977
No. 894. Rye Growing in the Southeastern States.....	40,000	17,905
No. 895. Growing Winter Wheat on the Great Plains.....	80,000	36,200
No. 896. Rats and Mice.....	190,000	125,047
No. 897. Fleas and Their Control.....	35,000	29,400
No. 898. Standard Varieties of Chickens.....	300,000	107,137
No. 899. Surface Irrigation for Eastern Farm.....	20,000	14,425
No. 900. Homemade Fruit Butters.....	150,000	114,395
No. 901. Everbearing Strawberries.....	60,000	46,662
No. 902. The Silverfish or "Slicker," an Injurious Household Insect.....	30,000	16,200
No. 903. Commercial Evaporation and Drying of Fruits.....	100,000	56,850
No. 904. Fire Prevention and Fire Fighting on the Farm.....	60,000	31,764
No. 906. The Self-Feeder for Hogs.....	170,000	101,970
No. 907. Bean Growing in Eastern Washington and Oregon and Northern Idaho.....	30,000	19,400
No. 908. Information for Fruit Growers About Insecticides, Spraying Apparatus, and Important Insect Pests.....	70,000	31,320
No. 909. Cattle Lice and How to Eradicate Them.....	50,000	23,450
No. 910. Game Laws for 1917.....	110,000	92,787
No. 911. Laws Relating to Fur-Bearing Animals, 1917.....	30,000	22,350
No. 912. How to Attract Birds in the East Central States.....	30,000	16,100
No. 913. Killing Hogs and Curing Pork.....	150,000	109,790
No. 914. Control of the Melon Aphis.....	30,000	13,255
No. 915. How to Reduce Weevil Waste in Southern Corn.....	100,000	17,750
No. 916. A Successful Community Drying Plant.....	105,340	74,930
No. 917. Growing Peaches: Sites and Cultural Methods.....	30,000	19,213
No. 918. Growing Peaches: Varieties, Classifications, and Propagation.....	30,000	15,925
No. 919. The Application of Dockage in the Marketing of Wheat.....	180,000	107,950
No. 920. Milk Goats.....	80,000	31,164
No. 921. The Principles of the Liming of Soils.....	50,000	29,287
No. 922. Parcel-Post Business Methods.....	50,000	35,123
No. 923. Fumigation of Citrus Trees.....	20,000	13,563
No. 924. A Simple Way to Increase Crop Yields.....	50,000	25,450
No. 925. Cabbage Diseases.....	60,000	33,410
No. 926. Some Common Disinfectants.....	60,000	26,400
No. 927. Farm Home Conveniences.....	250,000	173,864
No. 928. Control of the Argentine Ant in Orange Groves.....	20,000	14,250
No. 929. The Place of Sheep on New England Groves.....	20,000	16,400
No. 930. Marketing Butter and Cheese by Parcel Post.....	30,000	28,475
No. 931. Soy Beans in Systems of Farming in the Cotton Belt.....	20,000	16,600
No. 933. Spraying for the Control of Insects and Mites Attacking Citrus Trees in Florida.....	20,000	16,857
No. 934. Home Gardening in the South.....	700,000	532,153
No. 935. The Sheep-Killing Dog.....	30,000	25,264
No. 936. The City and Suburban Vegetable Garden.....	1,050,000	912,695
No. 937. The Farm Garden in the North.....	850,000	817,657
No. 938. Apple Bitter-Rot and its Control.....	30,000	17,475
No. 939. Cereal Smuts and the Disinfection of Seed Grain.....	50,000	37,726
No. 940. Common White Grubs.....	20,000	16,600
No. 942. Controlling the Clover-Flower Midge in the Pacific Northwest.....	50,000	39,100
No. 943. Haymaking.....	30,000	17,201
No. 946. Care and Repair of Farm Implements. III.....	50,000	19,380
No. 947. Care and Repair of Farm Implements. IV.....	50,000	18,922
No. 948. The Rag-Doll Seed Tester.....	275,000	247,450
No. 949. Dehorning and Castration of Cattle.....	30,000	19,803
No. 950. The Southern Corn Rootworm and Farm Practices to Control It.....	20,000	14,390

*Detailed statement of publications received and distributed by the Department of Agriculture during the fiscal year 1918 (28 Stat., 623)—Continued.*

## FARMERS' BULLETINS—Continued.

Title.	Copies received.	Copies distributed.
No. 953. Potato Culture Under Irrigation.....	30,000	1,673
No. 954. The Disinfection of Stables.....	30,000	17,220
No. 955. The Use of Wheat Flour Substitutes in Baking.....	575,000	481,517
No. 956. Curing Hay on Trucks.....	30,000	14,450
No. 958. Standard Broom Corn.....	30,000	1,805
No. 966. A Simple Hog Breeding Crate.....	200,000	136,939
No. 970. Sweet Potato Storage.....	30,000	17,508
No. 979. Preparation of Strawberries for Market.....	50,000	23,013
No. 984. Farm and Home Drying of Fruits and Vegetables.....	250,000	250,000
No. 987. Labor-Saving Practices in Haymaking.....	150,000	148,763
No. 991. Efficient Operation of Thrashing Machines.....	221,800	210,187
Total.....	28,524,290	23,139,529

*Summary of publications received and distributed from July 1, 1917, to June 30, 1918, inclusive.*

Office.	Copies received.	Copies distributed.
Office of the Secretary.....	35,824,550	36,221,885
Bureau of Animal Industry.....	6,188,900	6,199,745
Bureau of Biological Survey.....	41,700	43,155
Bureau of Chemistry.....	579,000	551,650
Bureau of Entomology.....	1,545,300	1,602,190
States Relations Service.....	3,115,500	3,095,915
Forest Service.....	198,500	224,570
Library.....	750	755
Bureau of Markets.....	1,272,680	1,417,780
Bureau of Plant Industry.....	677,566	799,441
Division of Publications.....	12,124,200	12,132,750
Office of Public Roads and Rural Engineering.....	30,500	72,790
Bureau of Soils.....	50,500	175,550
Bureau of Crop Estimates.....	2,519,500	2,562,280
Extracts from Yearbook.....	265,575	197,810
Farmers' Bulletins.....	28,524,290	23,139,529
Total.....	92,959,011	88,437,795