

apparatus whatsoever manufactured during such period to which such patent rights applied.

SEC. 8. That nothing in this Act shall affect any Act done by virtue of the special measures taken during the war under legislative, executive, or administrative authority of the United States in regard to the rights of an enemy, or ally of an enemy, as defined by the Trading with the Enemy Act of October 6, 1917, in patents for inventions and designs.

Approved, March 3, 1921.

Authority over alien enemy patents not affected.

Vol. 40, p. 420.

CHAP. 127.—An Act Making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1922.

March 3, 1921.  
[H. R. 15812.]  
[Public, No. 367.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That the following sums are appropriated, out of any money in the Treasury not otherwise appropriated, in full compensation for the fiscal year ending June 30, 1922, for the purposes and objects hereinafter expressed, namely:

Agricultural Department appropriations.

## DEPARTMENT OF AGRICULTURE.

### OFFICE OF THE SECRETARY.

Secretary's Office.

SALARIES, OFFICE OF THE SECRETARY OF AGRICULTURE: Secretary of Agriculture, \$12,000; Assistant Secretary, \$5,000; director of scientific work, \$5,000; director of regulatory work, \$5,000; solicitor, \$5,000; chief clerk, \$3,000, and \$500 additional as custodian of buildings; private secretary to the Secretary, \$2,500; executive clerks—one \$2,250, one \$2,100; stenographer and executive clerk to Secretary, \$2,250; private secretary to Assistant Secretary, \$2,250; appointment clerk, \$2,000; officer in charge of supplies, \$2,000; inspectors—one \$3,000, one \$2,250; attorneys—one \$3,500, two at \$3,250 each; law clerks—four at \$3,000 each, two at \$2,750 each, four at \$2,500 each, eight at \$2,250 each, one \$2,200, five at \$2,000 each, two at \$1,800 each; superintendent of telegraph and telephones, \$2,000; telegraph and telephone operator, \$1,600; assistant chief clerk and captain of the watch, \$1,800; clerks—one \$2,000, five of class four, thirteen of class three, one \$1,440, seventeen of class two, thirty-one of class one, two at \$1,100 each, one \$1,020, four at \$1,000 each, six at \$900 each; accountant and bookkeeper, \$2,000; messengers or laborers—sixteen at \$840 each, eight at \$720 each; lieutenants of the watch—one \$1,000, two at \$960 each; watchmen—thirty at \$840 each, fifty-two at \$720 each; foreman of stable, \$1,080; skilled laborers—four at \$1,000 each, three at \$960 each; eight messengers or laborers at \$600 each; messenger boys—one \$720, seven at \$600 each, ten at \$480 each; charwomen—one \$540, three at \$480 each, one \$360, sixteen at \$240 each; for extra labor and emergency employments, \$12,480; in all, \$367,560.

Pay of Secretary, Assistant, Solicitor, etc.

Inspectors, law clerks, etc.

For salaries and compensation of necessary employees in the mechanical shops and power plant of the Department of Agriculture, \$100,000.

Mechanical employees.

Total for Office of the Secretary of Agriculture, \$467,560.

### OFFICE OF FARM MANAGEMENT AND FARM ECONOMICS.

Farm Management and Economics Office.

SALARIES, OFFICE OF FARM MANAGEMENT AND FARM ECONOMICS: Chief of office, \$5,000; assistant to the chief, \$2,520; executive assistant, \$2,250; clerks—two of class four, four of class three, seven of class two, two at \$1,320 each, eighteen of class one, three at \$1,100

Pay of chief, assistants, clerks, etc.

each, four at \$1,080 each, fifteen at \$1,000 each; clerks or draftsmen—one \$1,440, one \$1,020; draftsman, \$1,200; library assistants—one \$1,440, one \$900; photographer, \$1,400; cartographer, \$1,500; messenger or laborer, \$720; messenger boys—one \$660, three at \$480 each; charwomen—one \$480, five at \$240 each; in all, \$89,830.

General expenses.

**GENERAL EXPENSES, OFFICE OF FARM MANAGEMENT AND FARM ECONOMICS:** For the employment of persons in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and all other expenses necessary in carrying out the work herein authorized, as follows:

Farm management and practice.

*Proviso.*

Cost of production.

To investigate and encourage the adoption of improved methods of farm management and farm practice, \$325,000: *Provided*, That of this amount \$150,000 may be used in ascertaining the cost of production of the principal staple agriculture products.

Total for Office of Farm Management and Farm Economics, \$414,830.

Weather Bureau.

#### WEATHER BUREAU.

Pay of chief of bureau, clerks, etc.

**SALARIES, WEATHER BUREAU:** Chief of bureau, \$5,000; assistant chief, \$3,250; chief clerk, \$2,500; chiefs of divisions—one of stations and accounts \$2,750, one of printing \$2,500, three at \$2,000 each; clerks—eight of class four, twelve of class three, twenty-four of class two, forty-eight of class one, nine at \$1,000 each; foreman of printing, \$1,600; lithographers—one \$1,500, three at \$1,200 each; pressman, \$1,200; printers or compositors—two at \$1,440 each, six at \$1,350 each, twenty at \$1,300 each, one \$1,200, six at \$1,080 each; four folders and feeders at \$720 each; instrument makers—supervisor \$1,620, one \$1,440, three at \$1,300 each, one \$1,260; skilled mechanics—one \$1,300, three at \$1,200 each, thirteen at \$1,000 each; engineer, \$1,300; three firemen at \$840 each; captain of the watch, \$1,000; electrician, \$1,200; repairmen—one \$1,200, eight at \$1,000 each; gardener, \$1,000; messengers or laborers—twenty-eight at \$720 each, six at \$660 each, twenty-two at \$600 each; messenger boys—eleven at \$600 each, one hundred at \$480 each; charwomen—one \$360, three at \$240 each; in all, \$346,580.

Printers, mechanics, etc.

Watchmen, laborers, etc.

General expenses. Classification.

Vol. 26, p. 653.

**GENERAL EXPENSES, WEATHER BUREAU:** For carrying into effect in the District of Columbia and elsewhere in the United States, in the West Indies, in the Panama Canal, the Caribbean Sea, and on adjacent coasts, in the Hawaiian Islands, in Bermuda, and in Alaska, the provisions of an Act approved October 1, 1890, so far as they relate to the weather service transferred thereby to the Department of Agriculture, for the employment of professors of meteorology, district forecasters, local forecasters, meteorologists, section directors, observers, apprentices, operators, skilled mechanics, instrument makers, foremen, assistant foremen, proof readers, compositors, pressmen, lithographers, folders and feeders, repairmen, station agents, messengers, messenger boys, laborers, special observers, displaymen, and other necessary employees; for fuel, gas, electricity, freight and express charges, furniture, stationery, ice, dry goods, twine, mats, oil, paints, glass, lumber, hardware, and washing towels; for advertising; for purchase, subsistence, and care of horses and vehicles, the purchase and repair of harness, for official purposes only; for instruments, shelters, apparatus, storm-warning towers and repairs thereto; for rent of offices; for repairs and improvements to existing buildings and care and preservation of grounds, including the construction of necessary outbuildings and sidewalks on public streets abutting Weather Bureau grounds; and the erection of temporary buildings for living quarters of observers; for official traveling expenses; for telephone rentals, and for telegraphing, telephoning, and cabling reports and messages, rates to be fixed by the Secretary of Agriculture by agreements with the companies performing the

service; for the maintenance and repair of Weather Bureau telegraph, telephone, and cable lines; and for every other expenditure required for the establishment, equipment, and maintenance of meteorological offices and stations and for the issuing of weather forecasts and warnings of storms, cold waves, frosts, and heavy snows, the gauging and measuring of the flow of rivers and the issuing of river forecasts and warnings; for observations and reports relating to crops and for other necessary observations and reports, including cooperation with other bureaus of the Government and societies and institutions of learning for the dissemination of meteorological information, as follows:

Cooperation with other bureaus, etc.

For necessary expenses in the city of Washington incident to collecting and disseminating meteorological, climatological, and marine information, and for investigations in meteorology, climatology, seismology, volcanology, evaporation, and aerology, \$108,410;

Expenses in Washington, D. C.

For the maintenance of a printing office in the city of Washington for the printing of weather maps, bulletins, circulars, forms, and other publications, including the pay of additional employees, when necessary, \$11,450: *Provided*, That no printing shall be done by the Weather Bureau that can be done at the Government Printing Office without impairing the service of said bureau.

Printing office.

*Proviso.*  
Limitation of work.

For necessary expenses outside of the city of Washington incident to collecting and disseminating meteorological, climatological, and marine information, and for investigations in meteorology, climatology, seismology, volcanology, evaporation, and aerology, \$1,300,110, including not to exceed \$697,080 for salaries, \$129,040 for special observations and reports, and \$295,750 for telegraphing and telephoning;

Expenses outside of Washington.

For investigations, observations, and reports, forecasts, warnings, and advices for the protection of horticultural interests from frost damage, \$9,000;

Frost investigations, etc.

For official traveling expenses, \$30,000;

Traveling expenses.  
Aerological stations.

For the maintenance of stations, for observing, measuring, and investigating atmospheric phenomena, including salaries, travel, and other expenses in the city of Washington and elsewhere, \$81,020;

In all, for general expenses, \$1,539,990;

Total for Weather Bureau, \$1,886,570.

BUREAU OF ANIMAL INDUSTRY.

Animal Industry Bureau.

SALARIES, BUREAU OF ANIMAL INDUSTRY: Chief of bureau, \$5,000; chief clerk, \$2,500; editor and compiler, \$2,250; executive assistant, \$2,500; eight executive clerks at \$2,000 each; clerks—twelve of class four, ten at \$1,680 each, eighteen of class three, fourteen at \$1,500 each, forty of class two, eight at \$1,380 each, twenty at \$1,320 each, forty-five at \$1,300 each, eight at \$1,260 each, one hundred and twenty of class one, twenty at \$1,100 each, twenty-five at \$1,080 each, thirty-two at \$1,000 each, six at \$960 each; architect, \$2,000; illustrator, \$1,400; laboratory aid, \$1,200; laboratory helper, \$1,200; six laboratory assistants at \$1,200 each; laboratory mechanics—one \$1,640, one \$1,440; carpenters—one \$1,140, two at \$1,000 each; two messengers and custodians at \$1,200 each; skilled laborers—one \$1,200, three at \$1,000 each, eleven at \$900 each; painter, \$900; laborers—fifty at \$960 each, two at \$900 each, three at \$780 each; messengers or laborers—eleven at \$840 each, twenty-nine at \$720 each; messenger boys—two at \$660 each, three at \$600 each, five at \$540 each, fifteen at \$480 each; charwomen—one \$600, two at \$540 each, seventeen at \$480 each, five at \$360 each, two at \$300 each, seven at \$240 each; in all, \$655,050.

Pay of chief of bureau, clerks, etc.

GENERAL EXPENSES, BUREAU OF ANIMAL INDUSTRY: For carrying out the provisions of the Act approved May 29, 1884, establishing a Bureau of Animal Industry, and the provisions of the Act approved March 3, 1891, providing for the safe transport and humane treat-

General expenses.  
Vol. 23, p. 31.  
Vol. 26, p. 833.

Vol. 26, p. 414.	ment of export cattle from the United States to foreign countries, and for other purposes; the Act approved August 30, 1890, providing for the importation of animals into the United States, and for other purposes; and the provisions of the Act of May 9, 1902, extending the inspection of meats to process butter, and providing for the inspection of factories, marking of packages, and so forth; and the provisions of the Act approved February 2, 1903, to enable the Secretary of Agriculture to more effectually suppress and prevent the spread of contagious and infectious diseases of live stock, and for other purposes; and also the provisions of the Act approved March 3, 1905, to enable the Secretary of Agriculture to establish and maintain quarantine districts, to permit and regulate the movement of cattle and other live stock therefrom, and for other purposes; and for carrying out the provisions of the Act of June 29, 1906, entitled "An Act to prevent cruelty to animals while in transit by railroad or other means of transportation"; and for carrying out the provisions of the Act approved March 4, 1913, regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous products manufactured in the United States, and the importation of such products intended for use in the treatment of domestic animals; and to enable the Secretary of Agriculture to collect and disseminate information concerning live stock, dairy, and other animal products; to prepare and disseminate reports on animal industry; to employ and pay from the appropriation herein made as many persons in the city of Washington or elsewhere as he may deem necessary; to purchase in the open market samples of all tuberculin, serums, antitoxins, or analogous products, of foreign or domestic manufacture, which are sold in the United States, for the detection, prevention, treatment, or cure of diseases of domestic animals, to test the same, and to disseminate the results of said tests in such manner as he may deem best; to purchase and destroy diseased or exposed animals or quarantine the same whenever in his judgment essential to prevent the spread of pleuropneumonia, tuberculosis, or other diseases of animals from one State to another, as follows:
Vol. 32, p. 193.	
Vol. 32, p. 791.	
Vol. 33, p. 1264. Cattle quarantine.	
Vol. 34, p. 607. Twenty-eight hour law.	
Vol. 37, p. 832. Animal viruses, etc.	
Collecting information, etc.	
Pay of employees.	
Tuberculin, serums, etc., tests.	
Purchase, destruction, etc., of diseased animals.	
Inspection and quarantine work.	
Proviso. Station repairs.	
Tuberculosis of animals. Investigating, for control, eradication, etc.	
Application of fund.	
Proviso. Reimbursing owners for animals destroyed, etc.	
	<p>For inspection and quarantine work, including all necessary expenses for the eradication of scabies in sheep and cattle, the inspection of southern cattle, the supervision of the transportation of live stock and the inspection of vessels, the execution of the twenty-eight-hour law, the inspection and quarantine of imported animals, including the establishment and maintenance of quarantine stations and repairs, alterations, improvements, or additions to buildings thereon; the inspection work relative to the existence of contagious diseases, and the mallein testing of animals, \$534,640: <i>Provided</i>, That not to exceed \$15,000 shall be used for improvements and repairs to quarantine stations;</p> <p>For investigating the disease of tuberculosis of animals, for its control and eradication, for the tuberculin testing of animals, and for researches concerning the cause of the disease, its modes of spread, and methods of treatment and prevention, including demonstrations, the formation of organizations, and such other means as may be necessary, either independently or in cooperation with farmers, associations, State, Territory, or county authorities, \$1,978,800, of which \$978,800 shall be set aside for administrative and operating expenses and \$1,000,000 for the payment of indemnities: <i>Provided</i>, <i>however</i>, That in carrying out the purpose of this appropriation, if in the opinion of the Secretary of Agriculture, it shall be necessary to destroy tuberculous animals and to compensate owners for loss thereof, he may, in his discretion, and in accordance with such rules and regulations as he may prescribe, expend in the city of Washington or elsewhere out of the moneys of this appropriation, such sums as</p>

he shall determine to be necessary, within the limitations above provided, for the reimbursement of owners of animals so destroyed, in cooperation with such States, Territories, counties, or municipalities, as shall by law or by suitable action in keeping with its authority in the matter, and by rules and regulations adopted and enforced in pursuance thereof, provide inspection of tuberculous animals and for compensation to owners of animals so destroyed, but no part of the money hereby appropriated shall be used in compensating owners of such animals except in cooperation with and supplementary to payments to be made by State, Territory, county, or municipality when condemnation of such animals shall take place; nor shall any payment be made hereunder as compensation for or on account of any such animal destroyed if at the time of inspection or test of such animal, or at the time of condemnation thereof, it shall belong to or be upon the premises of any person, firm, or corporation, to which it has been sold, shipped, or delivered for the purpose of being slaughtered: *Provided further*, That out of the money hereby appropriated no payment as compensation for any tuberculous animal destroyed shall exceed one-third of the difference between the appraised value of such animal and the value of the salvage thereof; that no payment hereunder shall exceed the amount paid or to be paid by the State, Territory, county, or municipality, where the animal shall be condemned; and that in no case shall any payment hereunder be more than \$25 for any grade animal or more than \$50 for any pure-bred animal, and no payment shall be made unless the owner has complied with all lawful quarantine regulations;

Cooperation of States, etc., required.

Restrictions on payments.

Limit on compensation.

For all necessary expenses for the eradication of southern cattle ticks, \$660,000: *Provided*, That no part of this appropriation shall be used for the purchase of animals or in the purchase of materials for or in the construction of dipping vats upon land not owned solely by the United States, except at fairs or expositions where the Department of Agriculture makes exhibits or demonstrations; nor shall any part of this appropriation be used in the purchase of materials or mixtures for use in dipping vats except in experimental or demonstration work carried on by the officials or agents of the Bureau of Animal Industry;

Southern cattle ticks eradication.  
*Proviso.*  
Purchase of materials, etc., limited.

Dairy industry.

For all necessary expenses for investigations and experiments in dairy industry, including repairs, alterations, improvements, and additions to buildings absolutely necessary to carry on experiments, including the employment of labor in the city of Washington and elsewhere, cooperative investigations of the dairy industry in the various States, and inspection of renovated-butter factories, \$375,000;

Animal husbandry. Feeding, breeding, etc., experiments.

For all necessary expenses for investigations and experiments in animal husbandry; for experiments in animal feeding and breeding, including cooperation with the State agricultural experiment stations, including repairs and additions to and erection of buildings absolutely necessary to carry on the experiments, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, and all other necessary expenses, \$282,820: *Provided*, That of the sum thus appropriated \$58,640 may be used for experiments in poultry feeding and breeding: *Provided further*, That of the sum thus appropriated \$8,000 is hereby made immediately available for the erection of necessary buildings at the United States sheep experiment station in Clark County, Idaho, to furnish facilities for the investigation of problems pertaining to the sheep and wool industry on the farms and ranges of the Western States;

*Provisos.*  
Poultry.

Sheep experiment station, Idaho.

For all necessary expenses for scientific investigations in diseases of animals, including the maintenance and improvement of the bureau experiment station at Bethesda, Maryland, and the necessary altera-

Animal diseases investigations.

*Proviso.*  
Contagious abortion  
of animals.

tions of buildings thereon, and the necessary expenses for investigations of tuberculin, serums, antitoxins, and analogous products, \$106,400: *Provided*, That of said sum \$40,000 may be used for researches concerning the cause, modes of spread, and methods of treatment and prevention of the disease of contagious abortion of animals;

Hog cholera.  
Investigating, dem-  
onstrations, etc.

For investigating the disease of hog cholera, and for its control or eradication by such means as may be necessary, including demonstrations, the formation of organizations, and other methods, either independently or in cooperation with farmers' associations, State or county authorities, \$510,000: *Provided*, That of said sum \$195,000 shall be available for expenditure in carrying out the provisions of the Act approved March 4, 1913, regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous product manufactured in the United States and the importation of such products intended for use in the treatment of domestic animals: *And provided further*, That of said sum \$29,520 shall be available for researches concerning the cause, modes of spread, and methods of treatment and prevention of this disease;

*Provisos.*  
Regulating trade in  
viruses, etc.  
Vol. 37, p. 832.

For all necessary expenses for the investigation, treatment, and eradication of dourine, \$50,000;

Pathological re-  
searches.

Dourine eradication.

Administrative work.

For general administrative work, including traveling expenses and salaries of employees engaged in such work, rent outside of the District of Columbia, office fixtures and supplies, express, freight, telegraph, telephone, and other necessary expenses, \$26,686;

Meat inspection.  
Additional expenses.

In all, for general expenses, \$4,524,346.

Vol. 34, pp. 674, 1260.

Equine meat.  
*Ante*, p. 241.

MEAT INSPECTION, BUREAU OF ANIMAL INDUSTRY: For additional expenses in carrying out the provisions of the meat-inspection Act of June 30, 1906 (Thirty-fourth Statutes at Large, page 674), as amended by the Act of March 4, 1907 (Thirty-fourth Statutes at Large, page 1256), and as extended to equine meat by the Act of July 24, 1919 (Forty-first Statutes at Large, page 241), including the purchase of tags, labels, stamps, and certificates printed in course of manufacture, \$891,180.

Total for Bureau of Animal Industry, \$6,070,576.

Plant Industry Bu-  
reau.

#### BUREAU OF PLANT INDUSTRY.

Pay of chief of bu-  
reau, assistants, clerks,  
etc.

SALARIES, BUREAU OF PLANT INDUSTRY: Physiologist and pathologist, who shall be chief of bureau, \$5,000; assistant to the chief, \$3,000; one administrative assistant in seed and plant distribution, \$2,500; officer in charge of publications, \$2,250; landscape gardener, \$1,800; officer in charge of records, \$2,250; executive clerks—four at \$2,250 each, five at \$1,980 each; seed inspector, \$1,000; seed warehouseman, \$1,400; clerks—twelve of class four, eighteen of class three, ten at \$1,500 each, thirty-one of class two, ninety-two of class one, two at \$1,100 each, five at \$1,080 each, seven at \$1,020 each, thirty at \$1,000 each; two clerks or draftsmen at \$1,200 each; artist, \$1,620; clerks or artists—one \$1,400, two at \$1,200 each; laboratory aids—two at \$1,440 each, one \$1,380, seven at \$960 each, two at \$900 each, six at \$840 each; four laboratory aids or clerks at \$1,200 each; laboratory aids, clerks, or skilled laborers—one \$1,080, three at \$1,020 each; map tracer or laboratory aid, \$900; assistants in technology—one \$1,400, one \$1,380; gardeners—two at \$1,440 each, six at \$1,200 each, eight at \$1,100 each, twenty at \$900 each, ten at \$780 each; general mechanic, \$1,400; mechanic, \$1,080; mechanical assistants—one \$1,400, one \$1,200; teamster, \$840; skilled laborers—three at \$1,100 each, one \$960, two at \$900 each, three at \$840 each; laborers—one \$780, eighty-eight at \$720 each; twenty-two messengers or laborers at \$480 each; messenger boys—five at

Laboratory aids, etc.

Gardeners, etc.

\$660 each, fourteen at \$600 each, ten at \$480 each; charwomen—eleven at \$480 each, twenty-one at \$240 each; in all, \$501,000.

**GENERAL EXPENSES, BUREAU OF PLANT INDUSTRY:** For all necessary expenses in the investigation of fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers, and for the erection of necessary farm buildings: *Provided*, That the cost of any building erected shall not exceed \$1,500; for field and station expenses, including fences, drains, and other farm improvements; for repairs in the District of Columbia and elsewhere; for rent outside of the District of Columbia; and for the employment of all investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the investigations, experiments, and demonstrations herein authorized, as follows:

For investigations of plant diseases and pathological collections, including the maintenance of a plant-disease survey, \$72,000: *Provided*, That \$10,000 of this amount shall be used for research in brown-rot and kindred diseases of peach trees;

For the investigation of diseases of orchard and other fruits, \$80,935: *Provided*, That \$8,000 of said amount shall be available for the investigation of diseases of the pecan;

For conducting such investigations of the nature and means of communication of the disease of citrus trees known as citrus canker, and for applying such methods of eradication or control of the disease as in the judgment of the Secretary of Agriculture may be necessary, including the payment of such expenses and the employment of such persons and means, in the city of Washington and elsewhere, and cooperation with such authorities of the States concerned, organizations of growers, or individuals, as he may deem necessary to accomplish such purposes, \$79,720, and, in the discretion of the Secretary of Agriculture, no expenditures shall be made for these purposes until a sum or sums at least equal to such expenditures shall have been appropriated, subscribed, or contributed by State, county, or local authorities or by individuals or organizations for the accomplishment of such purposes: *Provided*, That no part of the money herein appropriated shall be used to pay the cost or value of trees or other property injured or destroyed;

For the investigation of diseases of forest and ornamental trees and shrubs, including a study of the nature and habits of the parasitic fungi causing the chestnut-tree bark disease, the white-pine blister rust, and other epidemic tree diseases, for the purpose of discovering new methods of control and applying methods of eradication or control already discovered, \$81,115;

For applying such methods of eradication or control of the white-pine blister rust as in the judgment of the Secretary of Agriculture may be necessary, including the payment of such expenses and the employment of such persons and means in the city of Washington and elsewhere, in cooperation with such authorities of the States concerned, organizations, or individuals as he may deem necessary to accomplish such purposes, \$100,000, and in the discretion of the Secretary of Agriculture no expenditures shall be made for these purposes until a sum or sums at least equal to such expenditures shall have been appropriated, subscribed, or contributed by States, county, or local authorities, or by individuals or organizations for the accomplishment of such purposes: *Provided*, That no part of the money herein appropriated shall be used to pay the cost or value of trees or other property injured or destroyed;

Generalexpenses, investigations, etc.

*Proviso.*  
Limit for buildings.

Investigators, etc.

Plant diseases, etc.

*Proviso.*  
Peach tree diseases.

Orchard, etc., fruits.

*Proviso.*  
Pecans.

Citrus canker.

Cooperative expenditures.

Local contributions required.

*Proviso.*  
No pay for destroyed trees, etc.

Trees, shrubs, etc.  
Chestnut-tree bark disease.

White-pine blister rust.  
Eradication and control methods.

Local contributions.

*Proviso.*  
No pay for destroyed trees, etc.

- Cotton, truck crops, etc., diseases. For the investigation of diseases of cotton, potatoes, truck crops, forage crops, drug and related plants, \$100,000;
- Physiology of crop plants. For investigating the physiology of crop plants and for testing and breeding varieties thereof, \$56,860;
- Soil bacteriology, etc. For soil-bacteriology and plant-nutrition investigations, including the testing of samples, procured in the open market, of cultures for inoculating legumes, and if any such samples are found to be impure, nonviable, or misbranded, the results of the tests may be published, together with the names of the manufacturers and of the persons by whom the cultures were offered for sale, \$50,000;
- Publishing tests of cultures. For soil-fertility investigations into organic causes of infertility and remedial measures, maintenance of productivity, properties and composition of soil humus, and the transformation and formation of soil humus by soil organisms, \$45,060;
- Soil fertility. For soil-fertility investigations into organic causes of infertility and remedial measures, maintenance of productivity, properties and composition of soil humus, and the transformation and formation of soil humus by soil organisms, \$45,060;
- Acclimatizing tropical plants, etc. For acclimatization and adaptation investigations of cotton, corn, and other crops introduced from tropical regions, and for the improvement of cotton and other fiber plants by cultural methods, breeding, and selection, and for determining the feasibility of increasing the production of hard fibers outside of the continental United States, \$120,000: *Provided*, That not more than \$7,500 of this sum may be used for experiments in cottonseed interbreeding;
- Proviso.* Cottonseed interbreeding. For the investigation, testing, and improvement of plants yielding drugs, spices, poisons, oils, and related products and by-products, and for general physiological and fermentation investigations, \$39,820;
- Drug plants, etc. For the investigation, testing, and improvement of plants yielding drugs, spices, poisons, oils, and related products and by-products, and for general physiological and fermentation investigations, \$39,820;
- Crop technology; nematodes. For crop technological investigations, including the study of plant-infesting nematodes, \$24,940;
- Commercial seeds, grasses, etc. For studying and testing commercial seeds, including the testing of samples of seeds of grasses, clover, or alfalfa, and lawn-grass seeds secured in the open market, and where such samples are found to be adulterated or misbranded the results of the tests shall be published, together with the names of the persons by whom the seeds were offered for sale, and for carrying out the provisions of the Act approved August 24, 1912, entitled "An Act to regulate foreign commerce by prohibiting the admission into the United States of certain adulterated grain and seeds unfit for seeding purposes" (Thirty-seventh Statutes at Large, page 506), \$41,680;
- Testingsamples, etc. For the investigation and improvement of cereals and methods of cereal production, and the study of cereal diseases, and for the investigation of the cultivation and breeding of flax for seed purposes, including a study of flax diseases, and for the investigation and improvement of broom corn and methods of broom-corn production, \$379,705: *Provided*, That \$50,000 shall be set aside for the investigation and control of the diseases of wheat, oats, and barley known as black rust, leaf rust, and stripe rust: *Provided also*, That \$147,200 shall be set aside for the location of and destruction of the barberry bushes and other vegetation from which such rust spores originate: *Provided further*, That not less than \$20,000 shall be used for investigating the wheat scab or blight;
- Preventing adulterated seed admission, etc. Vol. 37, p. 506. To enable the Secretary of Agriculture to meet the emergency caused by the existence in the United States of flag smut of wheat, take-all, helminthosporium, and other destructive soil and seed-infecting diseases of wheat and of other cereals, there is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated, \$30,000, to be used in cooperation with the Plant Disease Survey, investigation, and control authorities of the several States to prevent the further spread of and to eradicate or control these diseases;
- Cereals. For the investigation and improvement of cereals and methods of cereal production, and the study of cereal diseases, and for the investigation of the cultivation and breeding of flax for seed purposes, including a study of flax diseases, and for the investigation and improvement of broom corn and methods of broom-corn production, \$379,705: *Provided*, That \$50,000 shall be set aside for the investigation and control of the diseases of wheat, oats, and barley known as black rust, leaf rust, and stripe rust: *Provided also*, That \$147,200 shall be set aside for the location of and destruction of the barberry bushes and other vegetation from which such rust spores originate: *Provided further*, That not less than \$20,000 shall be used for investigating the wheat scab or blight;
- Proviso.* Rust diseases. To enable the Secretary of Agriculture to meet the emergency caused by the existence in the United States of flag smut of wheat, take-all, helminthosporium, and other destructive soil and seed-infecting diseases of wheat and of other cereals, there is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated, \$30,000, to be used in cooperation with the Plant Disease Survey, investigation, and control authorities of the several States to prevent the further spread of and to eradicate or control these diseases;
- Destroying barberry bushes, etc. To enable the Secretary of Agriculture to meet the emergency caused by the existence in the United States of flag smut of wheat, take-all, helminthosporium, and other destructive soil and seed-infecting diseases of wheat and of other cereals, there is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated, \$30,000, to be used in cooperation with the Plant Disease Survey, investigation, and control authorities of the several States to prevent the further spread of and to eradicate or control these diseases;
- Wheat scab or blight. To enable the Secretary of Agriculture to meet the emergency caused by the existence in the United States of flag smut of wheat, take-all, helminthosporium, and other destructive soil and seed-infecting diseases of wheat and of other cereals, there is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated, \$30,000, to be used in cooperation with the Plant Disease Survey, investigation, and control authorities of the several States to prevent the further spread of and to eradicate or control these diseases;
- Smut, and other seeding diseases eradication. To enable the Secretary of Agriculture to meet the emergency caused by the existence in the United States of flag smut of wheat, take-all, helminthosporium, and other destructive soil and seed-infecting diseases of wheat and of other cereals, there is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated, \$30,000, to be used in cooperation with the Plant Disease Survey, investigation, and control authorities of the several States to prevent the further spread of and to eradicate or control these diseases;
- Cooperation with States, etc. To enable the Secretary of Agriculture to meet the emergency caused by the existence in the United States of flag smut of wheat, take-all, helminthosporium, and other destructive soil and seed-infecting diseases of wheat and of other cereals, there is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated, \$30,000, to be used in cooperation with the Plant Disease Survey, investigation, and control authorities of the several States to prevent the further spread of and to eradicate or control these diseases;

- For the investigation and improvement of tobacco and the methods of tobacco production and handling, \$41,000; Tobacco production, etc.
- For the breeding and physiological study of alkali-resistant and drought-resistant crops, \$20,080; Arid lands, etc., crops.
- For sugar-plant investigations, including studies of diseases and the improvement of sugar beets and sugar-beet seed, \$94,115; Sugar plant investigations.
- For investigation, improvement, and utilization of wild plants and grazing lands, and for determining the distribution of weeds and means of their control, \$27,200; Grazing lands, etc.
- For the investigation and improvement of methods of crop production under subhumid, semiarid, or dry-land conditions, \$169,000: *Provided*, That no part of this appropriation shall be used in the free distribution, or propagation for free distribution, of cuttings, seedlings, or trees of willow, box elder, ash, caragana, or other common varieties of fruit, ornamental, or shelter-belt trees in the Northern Great Plains area, except for experimental or demonstration purposes in the States of North and South Dakota west of the one hundredth meridian, and in Montana and Wyoming east of the five thousand-foot contour line; Dryland, etc., methods.
- For investigations in connection with western irrigation agriculture, the utilization of lands reclaimed under the Reclamation Act, and other areas in the arid and semiarid regions, \$94,420: *Provided*, That of this sum \$11,000 shall be immediately available; *Proviso*. Free tree distribution limited.
- For the investigation, improvement, encouragement, and determination of the adaptability to different soils and climatic conditions of pecans, almonds, Persian walnuts, black walnuts, hickory nuts, butternuts, chestnuts, filberts, and other nuts, and for methods of growing, harvesting, packing, shipping, storing, and utilizing the same, \$20,000; Utilizing western reclaimed lands. *Proviso*. Immediately available.
- For the investigation and improvement of fruits, and the method of fruit growing, harvesting, and, in cooperation with the Bureau of Markets and Crop Estimates, studies of the behavior of fruits during the processes of marketing and while in commercial storage, \$83,200; Edible nuts. Growing, marketing, etc.
- To cultivate and care for the gardens and grounds of the Department of Agriculture in the city of Washington, including the keep and lighting of the grounds and the construction, surfacing, and repairing of roadways and walks; and to erect, manage, and maintain conservatories, greenhouses, and plant and fruit propagating houses on the grounds of the Department of Agriculture in the city of Washington, \$15,000; Fruits. Growing, marketing, etc.
- For horticultural investigations, including the study of producing and harvesting truck and related crops, including potatoes, and, in cooperation with the Bureau of Markets and Crop Estimates, studies of the behavior of vegetables while in the processes of marketing and in commercial storage, and the study of landscape and vegetable gardening, floriculture, and related subjects, \$71,940; Horticultural investigations. Marketing vegetables, etc.
- For investigating, in cooperation with States or privately owned nurseries, methods of propagating fruit trees, ornamental and other plants, the study of stocks used in propagating such plants and methods of growing stocks, for the purpose of providing American sources of stocks, cuttings, or other propagating materials, \$20,000; Nursery plants. Cooperative investigations of American sources of stocks, cuttings, etc.
- For continuing the necessary improvements to establish and maintain a general experiment farm and agricultural station on the Arlington estate, in the State of Virginia, in accordance with the provisions of the Act of Congress approved April 18, 1900, \$20,500: *Provided*, That the limitations in this Act as to the cost of farm buildings shall not apply to this paragraph; Arlington, Va., experiment farm. Vol. 31, p. 135.
- For investigations in foreign seed and plant introduction, including the study, collection, purchase, testing, propagation, and distribution of rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants from foreign countries and from our possessions, and for *Proviso*. Buildings. *Note*, p. 1321. Foreign seed and plant introduction.

experiments with reference to their introduction and cultivation in this country, \$125,000;

New and rare seeds, forage crops, etc.

*Proviso.* Purchase and distribution.

Seeds, etc. Purchase, etc., for Congressional distribution.

Seeds, etc., adapted to localities.

*Provisos.* Contracts for packing, mailing, etc.

Congressional distribution.

Contents to be marked on wrapper.

Selection, etc.

Early southern distribution.

Distribution of uncalled-for allotments.

Report of purchases, etc.

For the purchase, propagation, testing, and distribution of new and rare seeds; for the investigation and improvement of grasses, alfalfa, clover, and other forage crops, including the investigation of the utilization of cacti and other dry-land plants, \$125,000: *Provided*, That of this amount not to exceed \$56,600 may be used for the purchase and distribution of such new and rare seeds;

Purchase and distribution of valuable seeds: For purchase, propagation, testing, and congressional distribution of valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants; all necessary office fixtures and supplies, fuel, transportation, paper, twine, gum, postal cards, gas, electric current, rent outside of the District of Columbia, official traveling expenses, and all necessary material and repairs for putting up and distributing the same; for repairs and the employment of local and special agents, clerks, assistants, and other labor required, in the city of Washington and elsewhere, \$360,000. And the Secretary of Agriculture is hereby directed to expend the said sum, as nearly as practicable, in the purchase, testing, and distribution of such valuable seeds, bulbs, shrubs, vines, cuttings, and plants, the best he can obtain at public or private sale, and such as shall be suitable for the respective localities to which the same are to be apportioned, and in which same are to be distributed as hereinafter stated, and such seeds so purchased shall include a variety of vegetable and flower seeds suitable for planting and culture in the various sections of the United States: *Provided*, That the Secretary of Agriculture, after due advertisement and on competitive bids, is authorized to award the contract for the supplying of printed packets and envelopes and the packeting, assembling, and mailing of the seeds, bulbs, shrubs, vines, cuttings, and plants, or any part thereof, for a period of not more than five years nor less than one year, if by such action he can best protect the interests of the United States. An equal proportion of five-sixths of all seeds, bulbs, shrubs, vines, cuttings, and plants shall, upon their request, after due notification by the Secretary of Agriculture that the allotment to their respective districts is ready for distribution, be supplied to Senators, Representatives, and Delegates in Congress for distribution among their constituents, or mailed by the department upon the receipt of their addressed franks, in packages of such weight as the Secretary of Agriculture and the Postmaster General may jointly determine: *Provided, however*, That upon each envelope or wrapper containing packages of seeds the contents thereof shall be plainly indicated, and the Secretary shall not distribute to any Senator, Representative, or Delegate seeds entirely unfit for the climate and locality he represents, but shall distribute the same so that each Member may have seeds of equal value, as near as may be, and the best adapted to the locality he represents: *Provided also*, That the seeds allotted to Senators and Representatives for distribution in the districts embraced within the twenty-fifth and thirty-fourth parallels of latitude shall be ready for delivery not later than the 10th day of January: *Provided also*, That any portion of the allotments to Senators, Representatives, and Delegates in Congress remaining uncalled for on the 1st day of April shall be distributed by the Secretary of Agriculture, giving preference to those persons whose names and addresses have been furnished by Senators and Representatives in Congress and who have not before during the same season been supplied by the department: *And provided also*, That the Secretary shall report, as provided in this Act, the place, quantity, and price of seeds purchased, and the date of purchase; but nothing in this paragraph shall be construed to prevent the Secretary of Agriculture from sending seeds to those who apply

for the same. And the amount herein appropriated shall not be diverted or used for any other purpose but for the purchase, testing, propagation, and distribution of valuable seeds, bulbs, mulberry and other rare and valuable trees, shrubs, vines, cuttings, and plants;

For biophysical investigations in connection with the various lines of work herein authorized, \$32,500: *Provided*, That of this amount \$7,500 shall be immediately available;

For general administrative expenses connected with the above-mentioned lines of investigation, including the office of the chief of bureau, the assistant chief of bureau, the officers in charge of publications, records, supplies, and property, and for miscellaneous expenses incident thereto, \$25,980;

In all, for general expenses, \$2,649,270.

Total for Bureau of Plant Industry, \$3,147,770.

Diversion of appropriation forbidden.

Biophysical investigations.  
*Proviso.*  
Immediately available.  
Administrative expenses.

FOREST SERVICE.

Forest Service.

**SALARIES, FOREST SERVICE:** Forester, who shall be chief of bureau, \$5,000; chief of office of accounts and fiscal agent, \$2,500; inspector of records, \$2,400; seven district fiscal agents at \$2,120 each; forest supervisors—one \$3,240, one \$2,880, eight at \$2,500 each, sixteen at \$2,380 each, forty-four at \$2,180 each, sixty at \$1,980 each, five at \$1,780 each; deputy forest supervisors—one \$1,980, four at \$1,880 each, twenty-five at \$1,780 each, twenty-eight at \$1,680 each, fifteen at \$1,580 each; forest rangers—eleven at \$1,620 each, twenty-three at \$1,520 each, seventy-eight at \$1,420 each, two hundred and eighty-eight at \$1,320 each, five hundred and ninety at \$1,220 each; clerks—one \$2,100, four at \$2,000 each, nineteen at \$1,800 each, twenty-one at \$1,600 each, nine at \$1,500 each, twenty-three at \$1,400 each, nine at \$1,300 each, one hundred and thirty-eight at \$1,200 each, ninety-five at \$1,100 each, fifty-four at \$1,020 each, thirty at \$960 each, one hundred at \$900 each, two at \$840 each, one \$600; clerk or compositor, \$1,600; clerk or proof reader, \$1,400; clerk or translator, \$1,400; compiler, \$1,800; draftsmen—one \$2,000, three at \$1,600 each, two at \$1,500 each, nine at \$1,400 each, four at \$1,300 each, sixteen at \$1,200 each, two at \$1,100 each, three at \$1,020 each, one \$1,000, one \$960; draftsmen or surveyors—two at \$1,800 each, three at \$1,600 each, sixteen at \$1,500 each, six at \$1,400 each; twelve draftsmen or map colorists at \$900 each; draftsman or artist, \$1,200; draftsman or negative cutter, \$1,200; artists—one \$1,600, one \$1,000; photographers—one \$1,600, one \$1,400, one \$1,200, one \$1,100; lithographer or photographer, \$1,200; lithographer's helper, \$780; blue-printers—one \$900, one \$720; two telephone operators at \$600 each; machinist, \$1,260; carpenters—two at \$1,200 each, three at \$1,000 each, one \$960; electrician, \$1,020; laboratory aids and engineers—one \$1,000, nine at \$900 each, two at \$800 each; laboratory helpers—one \$720, one \$600; packers—one \$1,000, one \$780; messengers or laborers—two at \$960 each, three at \$900 each, four at \$840 each, three at \$780 each, five at \$720 each, six at \$660 each; messenger boys—five at \$600 each, two at \$540 each, three at \$480 each, three at \$420 each, thirteen at \$360 each; charwomen—one \$540, one \$480, one \$300, eleven at \$240 each; in all, \$2,465,020.

Pay of forester, supervisors, etc.

Rangers, etc.

Clerks, etc.

Draftsmen, etc.

Mechanics, etc.

General expenses.

**GENERAL EXPENSES, FOREST SERVICE:** To enable the Secretary of Agriculture to experiment and to make and continue investigations and report on forestry, national forests, forest fires, and lumbering, but no part of this appropriation shall be used for any experiment or test made outside the jurisdiction of the United States; to advise the owners of woodlands as to the proper care of the same; to investigate and test American timber and timber trees and their uses, and methods for the preservative treatment of timber; to seek, through

Tests, etc., restricted to the United States.

<i>Proviso.</i> Cost of buildings. Protection of national forests.  Sale of timber, etc.  Care of fish and game.  Supplies, etc.  Rent.  Supervisors, rangers, and guards, national forests. Maintenance, etc.  Absaroka, Mont. Angeles, Calif. Apache, Ariz. Arapahoe, Colo. Arkansas, Ark. Ashley, Utah and Wyo. Battlement, Colo. Beartooth, Mont. Beaverhead, Mont. and Idaho. Bighorn, Wyo. Bitterroot, Wyo. Blackfeet, Mont. Black Hills, S. Dak. and Wyo. Boise, Idaho. Bridger, Wyo. Cabinet, Mont. Cache, Utah and Idaho. California, Calif. Caribou, Idaho and Wyo. Carson, N. Mex. Cascade, Oreg. Challis, Idaho.	investigations and the planting of native and foreign species, suitable trees for the treeless regions; to erect necessary buildings: <i>Provided</i> , That the cost of any building erected, or as improved shall not exceed \$1,000; to pay all expenses necessary to protect, administer and improve the national forests, including tree planting in the forest reserves to prevent erosion, drift, surface wash, and soil waste and the formation of floods, and including the payment of rewards under regulations of the Secretary of Agriculture for information leading to the arrest and conviction for violation of the laws and regulations relating to fires in or near national forests, or for the unlawful taking of, or injury to, Government property; to ascertain the natural conditions upon and utilize the national forests; and the Secretary of Agriculture may, in his discretion, permit timber and other forest products cut or removed from the national forests to be exported from the State or Territory in which said forests are respectively situated; to transport and care for fish and game supplied to stock the national forests or the waters therein; to employ agents, clerks, assistants, and other labor required in practical forestry and in the administration of national forests in the city of Washington and elsewhere; to collate, digest, report, and illustrate the results of experiments and investigations made by the Forest Service; to purchase necessary supplies, apparatus, office fixtures, law books, and technical books and technical journals for officers of the Forest Service stationed outside of Washington, and for medical supplies and services and other assistance necessary for the immediate relief of artisans, laborers, and other employees engaged in any hazardous work under the Forest Service; to pay freight, express, telephone, and telegraph charges; for electric light and power, fuel, gas, ice, washing towels, and official traveling and other necessary expenses, including traveling expenses for legal and fiscal officers while performing Forest Service work; and for rent outside of the District of Columbia, as follows: For employment of forest supervisors, deputy forest supervisors, forest rangers, and forest guards, \$175,000; For salaries and field station expenses, including the maintenance of nurseries, collecting seed, and planting necessary for the use, maintenance, improvement, and protection of the national forests named below: Absaroka National Forest, Montana, \$6,703; Angeles National Forest, California, \$11,926; Apache National Forest, Arizona, \$9,779; Arapahoe National Forest, Colorado, \$6,736; Arkansas National Forest, Arkansas, \$15,730; Ashley National Forest, Utah and Wyoming, \$3,865; Battlement National Forest, Colorado, \$4,916; Beartooth National Forest, Montana, \$7,597; Beaverhead National Forest, Montana and Idaho, \$5,296; Bighorn National Forest, Wyoming, \$6,937; Bitterroot National Forest, Montana, \$17,189; Blackfeet National Forest, Montana, \$19,888; Black Hills National Forest, South Dakota and Wyoming, \$12,668; Boise National Forest, Idaho, \$5,247; Bridger National Forest, Wyoming, \$3,159; Cabinet National Forest, Montana, \$16,806; Cache National Forest, Utah and Idaho, \$2,207; California National Forest, California, \$15,028; Caribou National Forest, Idaho and Wyoming, \$6,403; Carson National Forest, New Mexico, \$9,302; Cascade National Forest, Oregon, \$7,835; Challis National Forest, Idaho, \$3,668;
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Chelan National Forest, Washington, \$12,667;	Chelan, Wash.
Chugach National Forest, Alaska, \$7,938;	Chugach, Alaska.
Clearwater National Forest, Idaho, \$38,201;	Clearwater, Idaho.
Cleveland National Forest, California, \$8,433;	Cleveland, Calif.
Cochetopa National Forest, Colorado, \$5,931;	Cochetopa, Colo.
Coconino National Forest, Arizona, \$21,673;	Coconino, Ariz.
Coeur d'Alene National Forest, Idaho, \$53,290;	Coeur d'Alene, Idaho.
Colorado National Forest, Colorado, \$7,459;	Colorado, Colo.
Columbia National Forest, Washington, \$9,758;	Columbia, Wash.
Colville National Forest, Washington, \$8,399;	Colville, Wash.
Coronado National Forest, Arizona and New Mexico, \$11,050;	Coronado, Ariz. and N. Mex.
Crater National Forest, Oregon and California, \$22,688;	Crater, Oreg. and Calif.
Crook National Forest, Arizona, \$3,735;	Crook, Ariz.
Custer National Forest, Montana and South Dakota, \$5,470;	Custer, Mont. and S. Dak.
Datil National Forest, New Mexico, \$13,950;	Datil, N. Mex.
Deerlodge National Forest, Montana, \$19,813;	Deerlodge, Mont.
Deschutes National Forest, Oregon, \$10,175;	Deschutes, Oreg.
Dixie and Sevier National Forests, Utah, Arizona, and Nevada, \$3,179;	Dixie and Sevier, Utah, Ariz., and Nev.
Eldorado National Forest, California and Nevada, \$7,988;	Eldorado, Calif. and Nev.
Fillmore National Forest, Utah, \$4,987;	Fillmore, Utah.
Fishlake National Forest, Utah, \$2,320;	Fishlake, Utah.
Flathead National Forest, Montana, \$51,826;	Flathead, Mont.
Florida National Forest, Florida, \$4,927;	Florida, Fla.
Fremont National Forest, Oregon, \$5,427;	Fremont, Oreg.
Gallatin National Forest, Montana, \$4,810;	Gallatin, Mont.
Gila National Forest, New Mexico, \$10,847;	Gila, N. Mex.
Gunnison National Forest, Colorado, \$5,371;	Gunnison, Colo.
Harney National Forest, South Dakota, \$6,535;	Harney, S. Dak.
Hayden National Forest, Wyoming and Colorado, \$5,868;	Hayden, Wyo. and Colo.
Helena National Forest, Montana, \$4,012;	Helena, Mont.
Holy Cross National Forest, Colorado, \$10,452;	Holy Cross, Colo.
Humboldt National Forest, Nevada, \$6,330;	Humboldt, Nev.
Idaho National Forest, Idaho, \$33,365;	Idaho, Idaho.
Inyo National Forest, California and Nevada, \$3,076;	Inyo, Calif. and Nev.
Jefferson National Forest, Montana, \$8,430;	Jefferson, Mont.
Kaibab National Forest, Arizona, \$2,708;	Kaibab, Ariz.
Kaniksu National Forest, Idaho and Washington, \$28,000;	Kaniksu, Idaho and Wash.
Klamath National Forest, California and Oregon, \$20,249;	Klamath, Calif. and Oreg.
Kootenai National Forest, Montana, \$26,102;	Kootenai, Mont.
La Sal National Forest, Utah and Colorado, \$2,754;	La Sal, Utah and Colo.
Lassen National Forest, California, \$14,181;	Lassen, Calif.
Leadville National Forest, Colorado, \$5,524;	Leadville, Colo.
Lemhi National Forest, Idaho, \$2,490;	Lemhi, Idaho.
Lewis and Clark National Forest, Montana, \$10,626;	Lewis and Clark, Mont.
Lincoln National Forest, New Mexico, \$11,178;	Lincoln, N. Mex.
Lolo National Forest, Montana, \$26,652;	Lolo, Mont.
Luquillo National Forest, Porto Rico, \$1,700;	Luquillo, P. R.
Madison National Forest, Montana, \$3,930;	Madison, Mont.
Malheur National Forest, Oregon, \$6,091;	Malheur, Oreg.
Manti National Forest, Utah, \$6,090;	Manti, Utah.
Manzano National Forest, New Mexico, \$5,860;	Manzano, N. Mex.
Medicine Bow National Forest, Wyoming, \$9,450;	Medicine Bow, Wyo.
Michigan National Forest, Michigan, \$1,981;	Michigan, Mich.
Minidoka National Forest, Idaho and Utah, \$4,709;	Minidoka, Idaho and Utah.
Minnesota National Forest, Minnesota, \$2,970;	Minnesota, Minn.
Missoula National Forest, Montana, \$15,212;	Missoula, Mont.
Modoc National Forest, California, \$7,388;	Modoc, Calif.
Mono National Forest, Nevada and California, \$1,647;	Mono, Nev. and Calif.
Montezuma National Forest, Colorado, \$4,670;	Montezuma, Colo.

Nebraska, Nebr.	Nebraska National Forest, Nebraska, \$1,165; and to extend the work to the Niobrara division thereof, \$5,000: <i>Provided</i> , That from the nurseries on said forest the Secretary of Agriculture, under such rules and regulations as he may prescribe, may furnish young trees free, so far as they may be spared, to residents of the territory covered by "An Act increasing the area of homesteads in a portion of Nebraska," approved April 28, 1904, \$6,165;
<i>Proviso.</i> Young trees to arid land residents.	
Nevada, Nev.	Nevada National Forest, Nevada, \$2,249;
Nezperce, Idaho.	Nezperce National Forest, Idaho, \$25,690;
Ochoco, Oreg.	Ochoco National Forest, Oregon, \$6,451;
Olympic, Wash.	Olympic National Forest, Washington, \$16,598;
Oregon, Oreg.	Oregon National Forest, Oregon, \$20,409;
Ozark, Ark.	Ozark National Forest, Arkansas, \$9,030;
Payette, Idaho.	Payette National Forest, Idaho, \$17,887;
Pend Oreille, Idaho.	Pend Oreille National Forest, Idaho, \$20,074;
Pike, Colo.	Pike National Forest, Colorado, \$13,373;
Plumas, Calif.	Plumas National Forest, California, \$24,203;
Powell, Utah.	Powell National Forest, Utah, \$1,010;
Prescott, Ariz.	Prescott National Forest, Arizona, \$6,255;
Rainier, Wash.	Rainier National Forest, Washington, \$13,035;
Rio Grande, Colo.	Rio Grande National Forest, Colorado, \$7,157;
Routt, Colo.	Routt National Forest, Colorado, \$6,585;
Salmon, Idaho.	Salmon National Forest, Idaho, \$6,177;
San Isabel, Colo.	San Isabel National Forest, Colorado, \$3,924;
San Juan, Colo.	San Juan National Forest, Colorado, \$9,257;
Santa Barbara, Calif.	Santa Barbara National Forest, California, \$10,774;
Santa Fe, N. Mex.	Santa Fe National Forest, New Mexico, \$17,040;
Santiam, Oreg.	Santiam National Forest, Oregon, \$7,852;
Sawtooth, Oreg.	Sawtooth National Forest, Idaho, \$4,953;
Selway, Idaho.	Selway National Forest, Idaho, \$47,367;
Sequoia, Calif.	Sequoia National Forest, California, \$13,744;
Shasta, Calif.	Shasta National Forest, California, \$17,425;
Shoshone, Wyo.	Shoshone National Forest, Wyoming, \$7,381;
Sierra, Calif.	Sierra National Forest, California, \$15,750;
Siskiyou, Oreg. and Calif.	Siskiyou National Forest, Oregon and California, \$16,360;
Sitgreaves, Ariz.	Sitgreaves National Forest, Arizona, \$8,341;
Siuslaw, Oreg.	Siuslaw National Forest, Oregon, \$6,042;
Snoqualmie, Wash.	Snoqualmie National Forest, Washington, \$13,566;
Stanislaus, Calif.	Stanislaus National Forest, California, \$14,697;
Saint Joe, Idaho.	Saint Joe National Forest, Idaho, \$32,026;
Superior, Minn.	Superior National Forest, Minnesota, \$9,809;
Tahoe, Calif. and Nev.	Tahoe National Forest, California and Nevada, \$16,337;
Targhee, Idaho and Wyo.	Targhee National Forest, Idaho and Wyoming, \$9,558;
Teton, Wyo.	Teton National Forest, Wyoming, \$4,404;
Toiyabe, Nev.	Toiyabe National Forest, Nevada, \$3,694;
Tongass, Alaska.	Tongass National Forest, Alaska, \$21,566;
Tonto, Ariz.	Tonto National Forest, Arizona, \$7,685;
Trinity, Calif.	Trinity National Forest, California, \$19,484;
Tusayan, Ariz.	Tusayan National Forest, Arizona, \$8,819;
Uinta, Utah.	Uinta National Forest, Utah, \$4,555;
Umatilla, Oreg.	Umatilla National Forest, Oregon, \$10,627;
Umpqua, Oreg.	Umpqua National Forest, Oregon, \$13,509;
Uncompahgre, Colo.	Uncompahgre National Forest, Colorado, \$6,690;
Wallowa, Oreg.	Wallowa National Forest, Oregon, \$9,617;
Wasatch, Utah.	Wasatch National Forest, Utah, \$5,000;
Washakie, Wyo.	Washakie National Forest, Wyoming, \$6,726;
Washington, Wash.	Washington National Forest, Washington, \$7,642;
Weiser, Idaho.	Weiser National Forest, Idaho, \$6,493;
Wenatchee, Wash.	Wenatchee National Forest, Washington, \$14,075;
White River, Colo.	White River National Forest, Colorado, \$6,272;
Whitman, Oreg.	Whitman National Forest, Oregon, \$25,201;

Wichita National Forest, Oklahoma, \$2,416;

Wyoming National Forest, Wyoming, \$5,089;

Additional national forests created or to be created under section 11 of the Act of March 1, 1911 (Thirty-sixth Statutes at Large, page 963), and lands under contract for purchase or for the acquisition of which condemnation proceedings have been instituted for the purposes of said Act, \$84,750;

For necessary miscellaneous expenses incident to the general administration of the Forest Service and of the national forests specified above:

In National Forest District One, \$61,700;

In National Forest District Two, \$47,800;

In National Forest District Three, \$55,200;

In National Forest District Four, \$49,500;

In National Forest District Five, \$69,740;

In National Forest District Six, \$60,800;

In National Forest District Seven, \$14,900;

In National Forest District Eight, \$12,100;

In the District of Columbia, \$120,330;

For additional salaries and field station expenses, including the maintenance of nurseries, collecting seed, and planting necessary for the use, maintenance, improvement, and protection of the national forests, \$125,000;

In all, for the use, maintenance, improvement, protection, and general administration of the specified national forests, \$2,237,362: *Provided*, That the foregoing amounts appropriated for such purposes shall be available interchangeably in the discretion of the Secretary of Agriculture for the necessary expenditures for fire protection and other unforeseen exigencies: *Provided further*, That the amount so interchanged shall not exceed in the aggregate 10 per centum of all the amounts so appropriated;

For fighting and preventing forest fires, \$250,000, or so much thereof as may be necessary; and to enable the Secretary of Agriculture to cooperate with the War Department in the maintenance of an air patrol for fire prevention and suppression on the national forests of the Pacific coast and the Rocky Mountain regions, \$50,000: *Provided*, That no part of this appropriation shall be used for the purchase of land or airplanes or for the construction of permanent buildings; in all, \$300,000;

For the selection, classification, and segregation of lands within the boundaries of national forests that may be opened to homestead settlement and entry under the homestead laws applicable to the national forests; for the examination and appraisal of lands in effecting exchanges authorized by law and for the survey thereof by metes and bounds or otherwise by employees of the Forest Service under the direction of the Commissioner of the General Land Office; and for the survey and platting of certain lands, chiefly valuable for agriculture, now listed or to be listed within the national forests, under the Act of June 11, 1906 (Thirty-fourth Statutes, page 233), and the Act of March 3, 1899 (Thirtieth Statutes, page 1095), as provided by the Act of March 4, 1913, \$75,000;

For the purchase and maintenance of necessary field, office, and laboratory supplies, instruments, and equipments, \$150,000;

For investigations of methods for wood distillation and for the preservative treatment of timber, for timber testing, and the testing of such woods as may require test to ascertain if they be suitable for making paper, for investigations and tests within the United States of foreign woods of commercial importance to industries in the United States, and for other investigations and experiments to promote economy in the use of forest products, and for commercial demonstrations of improved methods or processes, in cooperation with individuals and companies, \$325,000;

Wichita, Okla.

Wyoming, Wyo.

Additional forests under Conservation Act. Vol. 36, p. 963.

Miscellaneous administration expenses.

Additional field, etc., expenses.

Total.

*Proviso.* Interchangeable appropriations.

Limit.

Fighting forest fires. Cooperative air patrol of national forests.

*Proviso.* Restriction on use of fund.

Selecting lands for homestead entries, etc.

Survey, etc., of agricultural lands.

Vol. 34, p. 233. Vol. 30, p. 1095; Vol. 37, p. 842.

Equipment supplies.

Investigating wood distillation, forest products, etc.

Cooperative commercial demonstrations.

Range conditions and improvements.

For experiments and investigations of range conditions within the national forests or elsewhere on the public range, and of methods for improving the range by reseeding, regulation of grazing, and other means, \$35,000;

Seeding, tree planting, etc.

For the purchase of tree seed, cones, and nursery stock, for seeding and tree planting within national forests, and for experiments and investigations necessary for such seeding and tree planting, \$120,640;

Management of forest lands, etc.

For silvicultural, dendrological, and other experiments and investigations independently or in cooperation with other branches of the Federal Government, with States and with individuals, to determine the best methods for the conservative management of forest and forest lands, \$85,000;

Appraising timber for sale, etc.

For estimating and appraising timber and other resources on the national forests preliminary to disposal by sale or to the issue of occupancy permits, and for emergency expenses incident to their sale or use, \$100,000;

Collating results, etc.

For other miscellaneous forest investigations, and for collating, digesting, recording, illustrating, and distributing the results of the experiments and investigations herein provided for, \$31,280;

Permanent improvements.

For the construction and maintenance of roads, trails, bridges, fire lanes, telephone lines, cabins, fences, and other improvements necessary for the proper and economical administration, protection, and development of the national forests, \$400,000: *Provided*, That not to exceed \$50,000 may be expended for the construction and maintenance of boundary and range division fences, counting corrals, stock driveways and bridges, the development of stock watering places, and the eradication of poisonous plants on the national forests:

*Provisos.*  
Division fences, driveways, etc.

*Provided further*, That no part of any funds appropriated for the Forest Service shall be used to pay the transportation or traveling expenses of any forest officer or agent except he be traveling on business directly connected with the Forest Service and in furtherance of the works, aims, and objects specified and authorized by law: *And provided further*, That no part of any funds appropriated for the Forest Service shall be paid or used for the purpose of paying for, in whole or in part, the preparation or publication of any newspaper or magazine article, but this shall not prevent the giving out to all persons, without discrimination, including newspapers and magazine writers and publishers, of any facts or official information of value to the public: *And provided also*, That the grazing fees payable under existing law for the use of national forests during the calendar year 1921 may be paid on the 1st day of September, 1921, and in the event such payment is not made on or before such deferred date, penalties shall be thereafter imposed in accordance with the provisions of existing law.

Restriction on traveling expenses.

Articles for publication.

Grazing fees for 1921 may be paid by installments.

In all, for general expenses, \$4,034,282.

Conservation of navigable waters.  
Vol. 36, p. 961.

To enable the Secretary of Agriculture more effectively to carry out the provisions of the Act of March 1, 1911 (Thirty-sixth Statutes, page 961), entitled "An Act to enable any State to cooperate with any other State or States, or with the United States, for the protection of watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," \$25,770 of the moneys appropriated therein, or for carrying out its purposes, shall be available for the employment of agents, title attorneys, clerks, assistants, and other labor, and for the purchase of supplies and equipment required for the purpose of said Act in the city of Washington.

Expenses in Washington, D. C.

Total for Forest Service, \$6,499,302.

## BUREAU OF CHEMISTRY.

Chemistry Bureau.

**SALARIES, BUREAU OF CHEMISTRY:** Chemist, who shall be chief of bureau, \$5,000; chief clerk, \$2,500; administrative assistant, \$2,500; four executive clerks at \$2,000 each; clerks—fourteen of class four, sixteen of class three, six at \$1,440 each, thirty of class two, six at \$1,300 each, sixty-five of class one, seventeen at \$1,020 each; machine operators—one \$1,100, two at \$1,000 each; laboratory helpers—eight at \$1,200 each, ten at \$1,020 each, four at \$960 each, five at \$900 each, eight at \$840 each; laboratory helpers or laborers—six at \$780 each, twenty-seven at \$720 each, fifteen at \$600 each; mechanics—one \$2,280, two at \$1,800 each, one \$1,620, two at \$1,400 each, three at \$1,200 each, one \$1,020, one \$960; two student assistants at \$300 each; skilled laborers—one \$1,050, one \$1,020, one \$900, one \$840; two messengers at \$840 each; messenger boys—one \$720, eight at \$600 each, three at \$540 each, six at \$480 each; four laborers at \$480 each; thirteen charwomen at \$240 each; in all, \$330,690.

Pay of chief of bureau, clerks, etc.

**GENERAL EXPENSES, BUREAU OF CHEMISTRY:** For all necessary expenses, for chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, for the employment of such assistants, clerks, and other persons as the Secretary of Agriculture may consider necessary for the purposes named, in the city of Washington and elsewhere, in conducting investigations; collecting, reporting, and illustrating the results of such investigations; and for rent outside of the District of Columbia for carrying out the investigations and work herein authorized as follows:

General expenses. Apparatus, supplies, etc.

For conducting the investigations contemplated by the Act of May 15, 1862, relating to the application of chemistry to agriculture; for the biological investigation of food and drug products and substances used in the manufacture thereof, including investigations of the physiological effects of such products on the human organism, \$70,400;

General subjects. Vol. 12, p. 387.

Biological food and drug investigations.

For collaboration with other departments of the Government desiring chemical investigations and whose heads request the Secretary of Agriculture for such assistance, and for other miscellaneous work, \$14,000;

Collaboration with other departments.

For investigation and experiment in the utilization, for coloring, medicinal, and technical purposes, of raw materials grown or produced in the United States, in cooperation with such persons, associations, or corporations as may be found necessary, including repairs, alterations, improvements, or additions to a building on the Arlington Experimental Farm, \$68,260;

Utilizing raw materials for colorants.

For the investigation and development of methods for the manufacture of table sirup and sugar and of methods for the manufacture of sweet sirups by the utilization of new agricultural sources, \$20,000: *Provided*, that \$12,500 of said amount may be used for investigation and experimenting in production of sirups, sugar, starch, dextrine, and other commercial products from the sweet potato;

Table sirup, etc.

*Proviso.* Sweet potato products.

For enabling the Secretary of Agriculture to carry into effect the provisions of the Act of June 30, 1906, entitled "An Act for preventing the manufacture, sale, or transportation of adulterated, or misbranded, or poisonous, or deleterious foods, drugs, medicines, and liquors, and for regulating traffic therein, and for other purposes"; to cooperate with associations and scientific societies in the revision of the United States Pharmacopoeia and development of methods of analysis, and for investigating the character of the chemical and physical tests which are applied to American food products in foreign countries, and for inspecting the same before shipment when desired by the shippers or owners of these products intended for countries where chemical and physical tests are required before the said prod-

Pure food inspection, etc. Vol. 34, p. 763.

Revision of Pharmacopoeia.

Examining foreign tests of American food products.

<i>Proviso.</i> Travel limit.	ucts are allowed to be sold therein, \$671,401: <i>Provided</i> , That not more than \$4,280 shall be used for travel outside of the United States;
Impure tea importations. Expenses of prevention, etc. Vol. 29, p. 604. Vol. 35, p. 163.	For enabling the Secretary of Agriculture to carry into effect the provisions of the Act approved March 2, 1897, entitled "An Act to prevent the importation of impure and unwholesome tea," as amended, including payment of compensation and expenses of the members of the board appointed under section 2 of the Act and all other necessary officers and employees, \$38,000;
<i>Ante</i> , p. 712.	For investigating the grading, weighing, handling, transportation, and uses of naval stores, the preparation of definite type samples thereof, and for the demonstration of improved methods or processes of preparing naval stores, in cooperation with individuals and companies, including the employment of necessary persons and means in the city of Washington and elsewhere, \$10,000;
Naval stores investigations, etc.	For the investigation and development of methods of manufacturing insecticides and fungicides, and for investigating chemical problems relating to the composition, action, and application of insecticides and fungicides, \$20,000;
Insecticides and fungicides. Investigations, etc.	For the study and improvement of methods of dehydrating materials used for food, in cooperation with such persons, associations, or corporations as may be found necessary, and to disseminate information as to the value and suitability of such products for food, \$23,500;
Dehydrating food materials.	For the investigation and development of methods for the prevention of grain-dust, smut-dust, and other plant-dust explosions and resulting fires, including fires in cotton gins and cotton oil mills, \$25,000;
Preventing plant-dust explosions, etc.	For the investigation and development of methods of utilizing wool-scouring waste, \$9,000;
Wool-scouring waste.	In all, for general expenses, \$969,561. Total for Bureau of Chemistry, \$1,300,251.

## Soils Bureau.

## BUREAU OF SOILS.

Pay of chief of bureau, clerks, etc.	<b>SALARIES, BUREAU OF SOILS:</b> Soil physicist, who shall be chief of bureau, \$4,000; chief clerk, \$2,000; administrative assistant, \$2,100; executive assistant, \$2,000; clerks—four of class four, three of class three, six of class two, one \$1,260, thirteen of class one, one \$1,000; two soil cartographers at \$1,800 each; draftsmen—one \$1,600, eight at \$1,200 each; soil bibliographer or draftsman, \$1,400; photographer, \$1,200; laboratory helpers—one \$1,000, three at \$840 each; machinists—one \$1,440, one \$1,380; machinist's helper, \$900; instrument maker, \$1,200; messenger, \$840; two messenger boys at \$480 each; messenger or laborer, \$660; laborers—three at \$600 each, one \$300; charwoman or laborer, \$480; in all, \$79,240.
General expenses.	<b>GENERAL EXPENSES, BUREAU OF SOILS:</b> For all necessary expenses connected with the investigations and experiments hereinafter authorized, including the employment of investigators, local and special agents, assistants, experts, clerks, draftsmen, and labor in the city of Washington and elsewhere; official traveling expenses, materials, tools, instruments, apparatus, repairs to apparatus, chemicals, furniture, office fixtures, stationery, gas, electric current, telegraph and telephone service, express and freight charges, rent outside the District of Columbia, and for all other necessary supplies and expenses, as follows:
Chemical investigations of soils.	For chemical investigations of soil types, soil composition, and soil minerals, the soil solution, solubility of soil and all chemical properties of soils in their relation to soil formation, soil texture, and soil productivity, including all routine chemical work in connection with the soil survey, \$23,110;

For physical investigations of the important properties of soil which determine productivity, such as moisture relations, aerations, heat conductivity, texture, and other physical investigations of the various soil classes and soil types, \$12,225;

Physical productivity investigations.

For exploration and investigation within the United States to determine possible sources of supply and methods of obtaining potash, nitrates, and other natural fertilizers, \$86,840;

Natural fertilizers.

For the investigation of soils, in cooperation with other branches of the Department of Agriculture, other departments of the Government, State agricultural experiment stations, and other State institutions, and for indicating upon maps and plats, by coloring or otherwise, the results of such investigations, \$168,200;

Cooperative soil investigations, mapping, etc.

For examination of soils to aid in the classification of agricultural lands, in cooperation with other bureaus of the department and other departments of the Government, \$15,000;

Classification of agricultural lands.

For the care and maintenance of the Government kelp plant at Summerland, California, \$5,000: *Provided*, That at any time during the fiscal year 1921 or thereafter, when the Secretary of Agriculture shall determine that the interests of the Government will be subserved thereby, he is hereby authorized to appraise the buildings, machinery, marine equipment, kelp harvesters, boats, leasehold or contract rights, and all other property of whatever nature or kind appertaining to the experimental kelp potash plant of the Department of Agriculture situated at Summerland, California, and to sell the same at public or private sale, at such price or prices, on such terms, and in such manner as he may deem for the best interests of the Government, and in consummation thereof to execute such instruments of conveyance as may be requisite, the proceeds from such sale to be deposited in the Treasury to the credit of miscellaneous receipts.

Kelp plant, Summerland, Calif. *Proviso.* Appraisal and sale of plant, machinery, etc., authorized.

Price, terms, etc.

Deposit of proceeds.

For general administrative expenses connected with the above-mentioned lines of investigation, \$4,000;

Administrative expenses.

In all, for general expenses, \$314,375.

Total for Bureau of Soils, \$393,615.

BUREAU OF ENTOMOLOGY.

Entomology Bureau.

**SALARIES, BUREAU OF ENTOMOLOGY:** Entomologist, who shall be chief of bureau, \$5,000; chief clerk and executive assistant, \$2,250; two administrative assistants at \$2,250 each; clerks—seven of class four, twelve of class three, twenty-one of class two, nineteen of class one, three at \$1,000 each; insect delineators—one \$1,600, two at \$1,400 each; entomological draftsmen—two at \$1,400 each, one \$1,080; photographer, \$1,200; entomological preparators—seven at \$1,000 each, six at \$840 each; laborer, \$1,080; messengers or laborers—two at \$900 each, one \$840, one \$720; six messenger boys at \$480 each; charwomen—two at \$480 each, three at \$240 each; in all, \$129,270.

Pay of chief of bureau, clerks, etc.

**GENERAL EXPENSES, BUREAU OF ENTOMOLOGY:** For the promotion of economic entomology; for investigating the history and the habits of insects injurious and beneficial to agriculture, horticulture, arboriculture, and the study of insects affecting the health of man and domestic animals, and ascertaining the best means of destroying those found to be injurious; for collating, digesting, reporting, and illustrating the results of such investigations; for salaries and the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, freight, express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, and electric current, in connection with the following investigations:

General expenses. Investigation of insects.

- Specified objects.  
Fruits, orchards, etc. For investigations of insects affecting deciduous fruits, orchards, vineyards, and nuts, \$178,500, of which \$10,000 shall be immediately available;
- Cereal and forage crops. For investigations of insects affecting cereal and forage crops, including a special investigation of the Hessian fly, grasshopper, and the chinch bug, \$190,000: *Provided*, That not less than \$40,000 shall be used for investigating methods for the control and eradication of the grasshopper;
- Proviso.*  
Grasshopper eradication.
- Southern field crops. For investigations of insects affecting southern field crops, including insects affecting cotton, tobacco, rice, sugar cane, and so forth, and the cigarette beetle and Argentine ant, \$165,000, of which sum \$25,000 shall be immediately available;
- Forests.  
*Proviso.*  
Combating infestations, national forests. For investigations of insects affecting forests, \$55,000: *Provided*, That \$15,000 shall be used for preventing and combating infestations of insects injurious to forest trees on and near the national forests, independently or in cooperation with other branches of the Federal Government, with States, counties, municipalities, or with private owners;
- Truck crops, stored products, etc. For investigations of insects affecting truck crops, including insects affecting the potato, sugar beet, cabbage, onion, tomato, beans, peas, and so forth, and insects affecting stored products, \$120,000, of which sum \$15,000 shall be immediately available;
- Bee culture. For investigations and demonstrations in bee culture, \$33,800;
- Tropical and subtropical fruits. For investigations of insects affecting citrus and other tropical and subtropical plants, and for investigations and control of the Mediterranean and other fruit flies, in cooperation with the Federal Horticultural Board, \$56,500;
- Miscellaneous insects affecting health of man, etc. For investigations, identification, and systematic classification of miscellaneous insects, including the study of insects affecting the health of man and domestic animals, household insects, and the importation and exchange of useful insects, \$62,330: *Provided*, That \$10,000 shall be used for investigations of the blow fly and screw worm;
- Proviso.*  
Blow fly and screw worm.
- Administrative expenses. For general administrative expenses connected with above lines of investigation, and for miscellaneous expenses incident thereto, \$3,880; In all, for general expenses, \$865,010.
- Gypsy and brown tail moths.  
Controlling spread of. PREVENTING SPREAD OF MOTHS, BUREAU OF ENTOMOLOGY: To enable the Secretary of Agriculture to meet the emergency caused by the continued spread of the gypsy and brown tail moths by conducting such experiments as may be necessary to determine the best methods of controlling these insects; by introducing and establishing the parasites and natural enemies of these insects and colonizing them within the infested territory; by establishing and maintaining a quarantine against further spread in such manner as is provided by the general nursery-stock law, approved August 20, 1912, as amended, entitled "An Act to regulate the importation of nursery stock and other plants and plant products, to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests, to permit and regulate the movements of fruits, plants, and vegetables therefrom, and for other purposes," in cooperation with the authorities of the different States concerned and with the several State experiment stations, including rent outside of the District of Columbia, the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, \$400,000.
- Cooperative quarantine against.  
Vol. 37, pp. 315, 854. PREVENTION OF SPREAD OF EUROPEAN CORN BORER, BUREAU OF ENTOMOLOGY: To enable the Secretary of Agriculture to meet the emergency caused by the spread of the European corn borer, and to provide means for the control and prevention of spread of this insect throughout the United States, in cooperation with the States concerned, including employment of persons and means in the city of
- European corn borer.  
Emergency expenses preventing spread of.

Washington and elsewhere, and all other necessary expenses, \$275,000, of which \$100,000 shall be immediately available.

Total for Bureau of Entomology, \$1,669,280.

BUREAU OF BIOLOGICAL SURVEY.

Biological Survey Bureau.

Pay of chief of bureau, clerks, etc.

SALARIES, BUREAU OF BIOLOGICAL SURVEY: Biologist, who shall be chief of bureau, \$4,000; chief clerk and executive assistant, \$1,800; administrative assistant, \$2,250; executive assistant, \$1,800; executive clerk, \$1,980; clerks—three of class four, six of class three, one \$1,500, fourteen of class two, one \$1,260, fifteen of class one, two at \$1,100 each, one \$1,080, three at \$1,000 each; preparators—one \$1,200, one \$900; photographer, \$1,300; game warden, \$1,200; messenger, \$720; messenger boys—one \$600, one \$480; laborer, \$720; two charwomen at \$240 each; in all, \$81,070.

General expenses.

GENERAL EXPENSES, BUREAU OF BIOLOGICAL SURVEY: For salaries and employment of labor in the city of Washington and elsewhere, furniture, supplies, including the purchase of bags, tags, and labels printed in the course of manufacture, traveling, and all other expenses necessary in conducting investigations and carrying out the work of the bureau, as follows:

Reservation for game animals and birds. Maintenance.

For the maintenance of the Montana National Bison range and other reservations and for the maintenance of game introduced into suitable localities on public lands, under supervision of the Biological Survey, including construction of fencing, wardens' quarters, shelters for animals, landings, roads, trails, bridges, ditches, telephone lines, rock-work, bulkheads, and other improvements necessary for the economical administration and protection of the reservations, and for the enforcement of section 84 of the Act approved March 4, 1909, entitled "An Act to codify, revise, and amend the penal laws of the United States," \$39,735, of which sum \$2,500 may be used for the purchase, capture, and transportation of game for national reservations;

Protecting bird preserves. Vol. 35, p. 1104.

For the improvement and maintenance of the game preserve in Sullys Hill National Park, in the State of North Dakota, including the construction of all fences, sheds, buildings, corrals, roads, shelters, and other structures which may be necessary for the protection of game or for the use of visitors, in addition to the amount heretofore appropriated, \$7,500, the same to be available until expended; of which \$2,500 shall be used for the construction of new buildings;

Sullys Hill National Park, N. Dak. Improving game preserves in.

New buildings.

For investigating the food habits of North American birds and other animals in relation to agriculture, horticulture, and forestry; for investigations, experiments, and demonstrations in connection with rearing fur-bearing animals; for experiments, demonstrations, and cooperation in destroying mountain lions, wolves, coyotes, bobcats, prairie dogs, gophers, ground squirrels, jack rabbits, and other animals injurious to agriculture, horticulture, forestry, animal husbandry, and wild game; and for the protection of stock and other domestic animals through the suppression of rabies in predatory wild animals, \$477,240;

Food habits of birds and animals.

Destroying animals injurious to agriculture, etc.

Suppression of rabies.

For biological investigations, including the relations, habits, geographic distribution, and migrations of animals and plants, and the preparation of maps of the life zones, \$24,400;

Biological investigations.

For all necessary expenses for enforcing the provisions of the migratory-bird treaty Act of July 3, 1918 (Fortieth Statutes at Large, page 755), and for cooperation with local authorities in the protection of migratory birds, and for necessary investigations connected therewith, \$136,120: *Provided*, That of this sum not more than \$20,500 may be used for the enforcement of sections 241, 242, 243, and 244 of the Act approved March 4, 1909, entitled "An Act to codify, revise,

Migratory birds protection. Vol. 40, p. 755.

Proviso. Preventing shipment of prohibited birds, etc. Vol. 35, pp. 1137, 1138.

Carrying illegally  
killed game.  
Vol. 31, p. 187.

and amend the penal laws of the United States," and for the enforcement of section 1 of the Act approved May 25, 1900, entitled "An Act to enlarge the powers of the Department of Agriculture, prohibit the transportation by interstate commerce of game killed in violation of local laws, and for other purposes," including all necessary investigations in connection therewith;

Reindeer in Alaska.  
Improving industry,  
etc.

For investigations, experiments, and demonstrations for the welfare, improvement, and increase of the reindeer industry in Alaska, including the erection of necessary buildings and other structures and cooperation with the Bureau of Education, and for the enforcement of section 1956 of the Revised Statutes as amended so far as it relates to the protection of land fur-bearing animals in Alaska, including necessary investigations in connection therewith, \$46,500;

Vol. 36, p. 327.

Administrative ex-  
penses.

For general administrative expenses connected with the above-mentioned lines of work, including cooperation with other Federal bureaus, departments, boards, and commissions, on request from them, \$10,760;

In all, for general expenses, \$742,255.

Total for Bureau of Biological Survey, \$823,325.

Accounts and Dis-  
bursements Division.

#### DIVISION OF ACCOUNTS AND DISBURSEMENTS.

Salaries.

**SALARIES, DIVISION OF ACCOUNTS AND DISBURSEMENTS:** Chief of division and disbursing clerk, \$4,000; supervising auditor, \$2,250; cashier and chief clerk, \$2,250; deputy disbursing clerk, \$2,000; accountant and bookkeeper, \$2,000; clerks—two of class four, five of class three, seven of class two, thirteen of class one, two at \$1,000 each; messenger, \$720; messenger boy, \$600; in all, \$52,820.

Publications Divi-  
sion.

#### DIVISION OF PUBLICATIONS.

Pay of chief of divi-  
sion, assistants, etc.

**SALARIES, DIVISION OF PUBLICATIONS:** Chief of division, \$3,500; chief editor, \$3,000; assistant, \$2,500; assistant editor, \$2,000; assistants in charge—one of exhibits \$3,000, one of information \$3,000, one of motion-picture activities \$3,000, one chief cinematographer, \$2,500, one of illustrations \$2,100, one of indexing \$2,000; superintendent of distribution, \$2,500; chief clerk, \$2,000; assistant in exhibits, \$2,000; assistant editors—three at \$1,800 each, one \$1,600; assistants—three at \$2,000 each, two at \$1,400 each; indexer or compiler, \$1,800; indexer, \$1,400; artist and designer, \$2,500; draftsmen or photographers—three at \$1,600 each, two at \$1,500 each, two at \$1,400 each, one \$1,300, ten at \$1,200 each; assistant photographer, \$960; lantern-slide colorist, \$1,200; laboratory aid, \$900; foreman, miscellaneous distribution, \$1,500; clerks—four of class four, three of class three, eight of class two, nineteen of class one, eighteen at \$1,100 each, fifty-two at \$960 each; five machine operators at \$1,200 each; folders—chief \$1,200, one \$1,200, two at \$1,000 each; messengers or laborers—three at \$900 each, ten at \$840 each, four at \$780 each, ten at \$720 each, three at \$600 each; eight skilled laborers at \$1,100 each; messenger boys—eight at \$720 each, six at \$600 each, four at \$480 each; charwomen—three at \$480 each, four at \$240 each; in all, \$254,880.

Clerks, etc.

General expenses.

**GENERAL EXPENSES, DIVISION OF PUBLICATIONS:** For miscellaneous objects of expenditure in connection with the publication, indexing, illustration, and distribution of bulletins, documents, and reports, as follows:

Supplies, etc.

For labor-saving machinery, including necessary supplies, \$6,000;

For envelopes, stationery, and materials, \$10,000;

For office furniture and fixtures, \$2,000;

Photographic mate-  
rials, etc.

For photographic equipment and for photographic materials and artists' tools and supplies, \$22,000;

For telephone and telegraph service and freight and express charges, \$1,200;

For wagons, motor trucks, bicycles, horses, harness, and maintenance of the same, \$1,000;

For purchase of manuscripts, traveling expenses, electrotypes, illustrations, and other expenses not otherwise provided for, \$4,350;

Miscellaneous.

Expenses of agricultural exhibits at fairs, etc.

*Idem*, p. 271.

To enable the Secretary of Agriculture to make suitable agricultural exhibits at State, interstate, and international fairs held within the United States, in cooperation with other departments of the Government; for the purchase of necessary supplies and equipment; for telephone and telegraph service, freight and express charges; for travel, and for every other expenses necessary, including the employment of assistance and the payment of rent outside the city of Washington, \$70,000;

For extra labor and emergency employments in the District of Columbia, \$11,380;

Emergency employments, etc.

In all, for general expenses, \$127,930.

Total for Division of Publications, \$382,810.

#### LIBRARY, DEPARTMENT OF AGRICULTURE.

Library.

**SALARIES, LIBRARY, DEPARTMENT OF AGRICULTURE:** Librarian, \$2,000; clerks—two of class four, three of class three, four of class two, six of class one, two at \$1,000 each; two messengers or laborers at \$720 each; messenger boys—one \$660, three at \$600 each; two charwomen at \$480 each; in all, \$30,060.

Salaries.

**GENERAL EXPENSES, LIBRARY:** For books of reference, law books, technical and scientific books, papers and periodicals, and for expenses incurred in completing imperfect series; for the employment of additional assistants in the city of Washington and elsewhere; for official traveling expenses, and for library fixtures, library cards, supplies, and for all other necessary expenses, \$21,400.

General expenses.

Total for Library, \$51,460.

#### MISCELLANEOUS EXPENSES.

Miscellaneous.

**MISCELLANEOUS EXPENSES, DEPARTMENT OF AGRICULTURE:** For stationery, blank books, twine, paper, gum, dry goods, soap, brushes, brooms, mats, oils, paints, glass, lumber, hardware, ice, fuel, water and gas pipes, heating apparatus, furniture, carpets, and mattings; for lights, freight, express charges, advertising, telegraphing, telephoning, postage, washing towels, and necessary repairs and improvements to buildings and heating apparatus; for the purchase, subsistence, and care of horses and the purchase and repair of harness and vehicles, for official purposes only; for the payment of duties on imported articles, and the Department of Agriculture's proportionate share of the expense of the dispatch agent in New York; for official traveling expenses; and for other miscellaneous supplies and expenses not otherwise provided for, and necessary for the practical and efficient work of the department, \$161,000.

Contingent expenses

#### RENT IN THE DISTRICT OF COLUMBIA.

Rent.

**RENT OF BUILDINGS, DEPARTMENT OF AGRICULTURE:** For rent of buildings and parts of buildings in the District of Columbia, for use of the various bureaus, divisions, and offices of the Department of Agriculture, \$164,666: *Provided*, That only such part of this sum shall be available to pay rent for space which can not be furnished by the Public Buildings Commission in Government buildings located in the District of Columbia.

Buildings in District of Columbia.

*Proviso.*  
Restriction.

States Relations  
Service.

STATES RELATIONS SERVICE.

Pay of director,  
clerks, etc.

**SALARIES, STATES RELATIONS SERVICE:** Director, \$4,500; chief clerk, \$2,000; clerk or chief accountant, \$2,400; financial clerk, \$2,000; executive clerk, \$1,740; clerk or proof reader, \$1,800; clerks—one \$1,980, six of class four, eleven of class three, two at \$1,500 each, twenty of class two, two at \$1,320 each, one \$1,260, fifty-two of class one, twenty-four at \$1,100 each, two at \$1,000 each; clerk or artist-draftsman, \$1,200; clerk or machine operator, \$1,200; messenger, \$1,000; two skilled laborers at \$1,000 each; messengers or laborers—two at \$840 each, five at \$720 each, two at \$600 each, one \$480; messenger boys—four at \$600 each, eleven at \$480 each; charwomen—four at \$480 each, sixteen at \$240 each; in all, \$196,320.

Support of agricul-  
tural experiment sta-  
tions.

Vol. 24, p. 440.

Vol. 12, p. 503.

Allotment of addi-  
tional appropriations.

Vol. 34, p. 63.

*Proviso.*  
Limit.

Cooperative agricul-  
tural extension work.

Vol. 38, p. 372.

Clerical, etc., ex-  
penses.

Annual statement.

Demonstration work  
outside of cotton belt.

Demonstrations for  
meeting ravages of cot-  
ton boll weevil, etc.

*Proviso.*  
Voluntary contribu-  
tions within a State  
accepted.

**GENERAL EXPENSES, STATES RELATIONS SERVICE:** To carry into effect the provisions of an Act approved March 2, 1887, entitled "An Act to establish agricultural experiment stations in connection with the colleges established in the several States under the provisions of an Act approved July 2, 1862, and of the Acts supplementary thereto," the sums apportioned to the several States and Territories, to be paid quarterly in advance, \$720,000;

To carry into effect the provisions of an Act approved March 16, 1906, entitled "An Act to provide for an increased annual appropriation for agricultural experiment stations and regulating the expenditure thereof," the sums apportioned to the several States and Territories, to be paid quarterly in advance, \$720,000: *Provided*, That not to exceed \$15,000 shall be paid to each State and Territory under this Act;

To enable the Secretary of Agriculture to enforce the provisions of the above Acts and the Act approved May 8, 1914, entitled "An Act to provide for cooperative agricultural extension work between the agricultural colleges in the several States receiving the benefits of an Act of Congress approved July 2, 1862, and of Acts supplementary thereto, and the United States Department of Agriculture," relative to their administration and for the administration of agricultural experiment stations in Alaska, Hawaii, Porto Rico, the island of Guam, and the Virgin Islands of the United States, including the employment of clerks, assistants, and other persons in the city of Washington and elsewhere, freight and express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, electric current, and rent outside of the District of Columbia, \$71,500; and the Secretary of Agriculture shall prescribe the form of the annual financial statement required under the above Acts, ascertain whether the expenditures are in accordance with their provisions, coordinate the work of the Department of Agriculture with that of the State agricultural colleges and experiment stations in the lines authorized in said Acts, and make report thereon to Congress;

For farmers' cooperative demonstration work outside of the cotton belt, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$715,720;

For farmers' cooperative demonstrations and for the study and demonstration of the best methods of meeting the ravages of the cotton-boll weevil, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$634,800: *Provided*, That the expense of such service shall be defrayed from this appropriation and such cooperative funds as may be voluntarily contributed by State, county, and municipal agencies, associations of farmers, and individual farmers, universities, colleges, boards of trade, chambers of commerce, other local associations of business men, business organizations, and individuals within the State;

For cooperative agricultural extension work, to be allotted, paid, and expended in the same manner, upon the same terms and conditions, and under the same supervision as the additional appropriations made by the Act of May 8, 1914 (Thirty-eighth Statutes at Large, page 372), entitled "An Act to provide for cooperative agricultural extension work between the agricultural colleges in the several States receiving the benefits of an Act of Congress approved July 2, 1862, and of Acts supplementary thereto, and the United States Department of Agriculture," \$1,500,000; and all sums appropriated by this Act for use for demonstration or extension work within any State shall be used and expended in accordance with plans mutually agreed upon by the Secretary of Agriculture and the proper officials of the college in such State which receives the benefits of said Act of May 8, 1914: *Provided*, That of the above appropriation not more than \$300,000 shall be expended for purposes other than the salaries of county agents.

Additional cooperative agricultural extension work.

Vol. 38, p. 373.

Plans of expenditures.

*Proviso.*  
County agents.

Farmers' institutes, agricultural schools, etc.  
Investigating progress of, etc.

To enable the Secretary of Agriculture to investigate and report upon the organization and progress of farmers' institutes and agricultural schools in the several States and Territories, and upon similar organizations in foreign countries, with special suggestions of plans and methods for making such organizations more effective for the dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations, and of improved methods of agricultural practice, including the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, \$16,360;

Experiment stations in Alaska, insular possessions, etc.

Allotment.

Sale of products.

*Proviso.*  
Hawaii extension work.

To enable the Secretary of Agriculture to establish and maintain agricultural experiment stations in Alaska, Hawaii, Porto Rico, the island of Guam, and the Virgin Islands of the United States, including the erection of buildings, the preparation, illustration, and distribution of reports and bulletins, and all other necessary expenses, \$210,000, as follows: Alaska, \$75,000, of which \$11,800, or so much thereof as may be necessary, shall be immediately available; Hawaii, \$50,000; Porto Rico, \$50,000; Guam, \$15,000; and the Virgin Islands of the United States, \$20,000; and the Secretary of Agriculture is authorized to sell such products as are obtained on the land belonging to the agricultural experiment stations in Alaska, Hawaii, Porto Rico, the island of Guam, and the Virgin Islands of the United States, and the amount obtained from the sale thereof shall be covered into the Treasury of the United States as miscellaneous receipts: *Provided*, That of the sum herein appropriated for the experiment station in Hawaii \$10,000 may be used in agricultural extension work in Hawaii;

Utilization of farm products in the home.

To enable the Secretary of Agriculture to investigate the relative utility and economy of agricultural products for food, clothing, and other uses in the home, with special suggestions of plans and methods for the more effective utilization of such products for these purposes, with the cooperation of other bureaus of the department, and to disseminate useful information on this subject, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$50,000;

Administrative expenses.

For general administrative expenses connected with the lines of work of the States Relations Service, including the offices of the director, the chief clerk, the officers in charge of publications, library, accounts, records, supplies, and property, and for miscellaneous expenses incident thereto, \$12,600;

In all, for general expenses, \$4,650,980.

Total for States Relations Service, \$4,847,300.

Public Roads Bureau.

BUREAU OF PUBLIC ROADS.

Pay of chief of bureau, clerks, etc.

**SALARIES, BUREAU OF PUBLIC ROADS:** Chief of bureau, \$6,000; purchasing agent, \$2,500; draftsman or clerk, \$1,920; clerks or editorial clerks—one \$1,600, one \$1,200; clerks or photographers—one \$1,440, one \$1,200, one \$1,000; clerk or instrument maker, \$1,200; clerk or skilled laborer, \$1,000; instrument maker, \$1,800; model maker, \$1,800; clerks—one \$1,900, four of class four, seven of class three, three at \$1,500 each, six of class two, nine at \$1,320 each, seven of class one, four at \$1,100 each, two at \$1,000 each; mechanic, \$1,680; mechanics—one \$2,100, one \$1,800, one \$1,500, one \$1,200; skilled laborer, \$1,200; skilled laborer or mechanic, \$840; laboratory aid, \$960; telephone operator, \$720; mimeograph operator, \$840; two laborers at \$900 each; messengers or laborers—two at \$840 each, two at \$660 each, four at \$600 each; four messengers, laborers, or laboratory helpers at \$720 each; fireman, \$720; messenger boys—three at \$600 each, eight at \$480 each; eleven charwomen at \$240 each; in all, \$114,460.

General expenses.

**GENERAL EXPENSES, BUREAU OF PUBLIC ROADS:** For salaries and the employment of labor in the city of Washington and elsewhere, supplies, office fixtures, apparatus, traveling and all other necessary expenses, for conducting investigations and experiments, and for collating, reporting, and illustrating the results of same, and for preparing, publishing, and distributing bulletins and reports, as follows: *Provided*, That no part of these appropriations shall be expended for the rent or purchase of road-making machinery, except such as may be necessary for field experimental work as hereinafter provided for:

*Proviso.*  
Road making machinery restrictions.

Road management systems.

For inquiries in regard to systems of road management, and economic studies of highway construction, operation, maintenance, and value, either independently or in cooperation with the State highway departments and other agencies, and for giving expert advice on these subjects, \$50,000;

Materials, etc., investigations.

For investigations of the best methods of road making, especially by the use of local materials; for studying the types of mechanical plants and appliances used for road building and maintenance; for studying methods of road repair and maintenance suited to the needs of different localities, and for furnishing expert advice on these subjects, \$77,300;

Chemical, etc., investigations.

Vol. 39, p. 356; Vol. 40, p. 1200.

For investigations of the chemical and physical character of road materials, for conducting laboratory and field experiments, and for studies and investigations in road design, independently or in cooperation with the State highway departments and other agencies, \$148,200, payable out of the administrative fund provided by the Federal Aid Road Act of July 11, 1916, as amended;

Experimental highways.

For maintenance and repairs of experimental highways, including the purchase of materials and equipment; for the employment of assistants and labor, \$25,000;

Farm irrigation, etc., investigations.

For investigating and reporting upon the utilization of water in farm irrigation, including the best methods to apply in practice; the different kinds of power and appliances, and the development of equipment for farm irrigation; the flow of water in ditches, pipes, and other conduits; the duty, apportionment, and measurement of irrigation water; the customs, regulations, and laws affecting irrigation; for the purchase and installation of equipment for experimental purposes; for the giving of expert advice and assistance; for the preparation and illustration of reports and bulletins on irrigation; for the employment of assistants and labor in the city of Washington and elsewhere; for rent outside of the District of Columbia; and for supplies and all necessary expenses, \$72,000;

Drainage of farms, swamp lands, etc.

For investigating and reporting upon farm drainage and upon the drainage of swamp and other wet lands which may be made avail-

able for agricultural purposes; for preparing plans for the removal of surplus water by drainage, and for giving expert assistance by advice or otherwise in the drainage of such lands; for conducting field experiments and investigations concerning the construction and maintenance of farm-drainage work; for investigating and developing equipment intended for the construction and maintenance of farm-drainage structures; for the purchase of materials and equipment; and for preparing and illustrating reports and bulletins on drainage; and for the employment of assistants and labor in the city of Washington and elsewhere; for rent outside of the District of Columbia, and for supplies and all necessary expenses, \$73,760.

For investigating farm domestic water supply and drainage disposal, the construction of farm buildings, and other rural engineering problems involving mechanical principles, including the erection of such structures outside of the District of Columbia as may be necessary for experimental purposes only, the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$25,000;

For general administrative expenses connected with the above-mentioned lines of investigations and experiments, \$16,000;

For supervising the preparation, distribution, and use of picric acid, trinitrotoluol, trojan powder, and such other surplus war explosives as may be made available for use in clearing stumps and stones from agricultural land, independently or in cooperation with agricultural colleges and other agencies, and for investigating and reporting upon the results obtained from the use of the explosives, \$15,000;

In all, for general expenses, \$354,060.

Total for Bureau of Public Roads, \$468,520.

Domestic water supply of farms, etc.

Administrative expenses.

Surplus war explosives. Distribution, etc., for agricultural uses.

#### BUREAU OF MARKETS AND CROP ESTIMATES.

Markets and Crop Estimates Bureau.

**SALARIES, BUREAU OF MARKETS AND CROP ESTIMATES:** Chief of bureau, \$5,000; chief clerk, \$2,000; administrative assistants—one \$3,000, one \$2,500, one \$1,800; clerk in charge of supplies and accounts, \$2,250; executive clerks—five at \$2,000 each, three at \$1,980 each; clerks—twenty of class four, thirty-seven of class three, seventy of class two, two hundred and twenty of class one, sixty-five at \$1,100 each, ninety-five at \$1,000 each; photographers—one \$1,400, one \$1,200; superintendent of telegraph, \$2,000; supervising telegrapher, \$1,620; telegraph operators—five at \$1,600 each; forty-seven at \$1,400 each; telephone operators—two at \$900 each, one \$840; draftsmen—one \$1,400, one \$1,380, three at \$1,200 each, one \$1,000, one \$900; custodian of supplies, \$1,200; machine operators—three at \$1,400 each, four at \$1,200 each, two at \$1,100 each, eleven at \$1,000 each, three at \$900 each; three chauffeurs at \$900 each; skilled laborer, \$1,200; laborers—five at \$900 each, three at \$840 each, ten at \$720 each, four at \$660 each, five at \$600 each, two at \$540 each; messengers—four at \$900 each, two at \$720 each; messenger boys—three at \$660 each, twelve at \$600 each, fifteen at \$540 each, twenty at \$480 each; charwomen—two at \$540 each, six at \$480 each, two at \$360 each, six at \$300 each, nine at \$240 each; in all, \$838,630.

Pay of chief of bureau, clerks, etc.

Telegraph operators, etc.

**GENERAL EXPENSES, BUREAU OF MARKETS AND CROP ESTIMATES:** For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and all other expenses necessary in conducting investigations, experiments, and demonstrations, as follows:

For acquiring and diffusing among the people of the United States useful information on subjects connected with the marketing and distributing of farm and nonmanufactured food products and the

General expenses.

Distributing information of farm products, supplies, etc.

*Proviso.*  
Study to prevent deterioration losses, etc., in transit.

Live stock, agricultural, etc., products.

Collecting, distributing, etc., information of market supply, demand, prices, etc., of designated products.

Perishable farm products.

Certifying condition of shipments, etc., at central markets.

*Proviso.*  
Effect of certificate.

Cotton standards, ginning, etc.

*Proviso.*  
Testingspinning values, etc.

Farm products.  
Cooperative demonstrations of marketing, etc.

Grain handling, grading, etc.

General agricultural, etc., information.  
Collecting, publishing, etc., designated data relating to.

*Proviso.*  
Disseminating information of world supply of American products, etc.

Cooperation with other agencies, etc.

purchasing of farm supplies, independently and in cooperation with other branches of the department, State agencies, purchasing and consuming organizations, and persons engaged in the transportation, marketing, and distributing of farm and food products, \$326,000: *Provided*, That not less than \$30,000 shall be used for a study of the methods of prevention of losses by deterioration, decay, and freezing of fruits and vegetables in storage and in transit in refrigerator cars, heater cars, and ocean vessels, including demonstrations of such methods;

For collecting, publishing, and distributing, by telegraph, mail, or otherwise, timely information on the market supply and demand, commercial movement, location, disposition, quality, condition, and market prices of live stock, meats, fish, and animal products, dairy and poultry products, fruits and vegetables, peanuts and their products, grain, hay, feeds, and seeds, and other agricultural products, independently and in cooperation with other branches of the Government, State agencies, purchasing and consuming organizations, and persons engaged in the production, transportation, marketing, and distribution of farm and food products, \$390,160;

For enabling the Secretary of Agriculture to investigate and certify to shippers and other interested parties the quality and condition of fruits, vegetables, poultry, butter, hay, and other perishable farm products, when received in interstate commerce at such important central markets as the Secretary of Agriculture may from time to time designate, under such rules and regulations as he may prescribe, including payment of such fees as will be reasonable and as nearly as may be to cover the cost for the service rendered: *Provided*, That certificates issued by the authorized agents of the department shall be received in all courts of the United States as prima facie evidence of the truth of the statements therein contained, \$175,000;

For investigating, demonstrating, and promoting the use of standards for the different grades, qualities, and conditions of cotton, and for investigating the ginning, grading, stapling, baling, marking, compressing, and tare of cotton, \$38,400: *Provided*, That of the sum thus appropriated \$30,000 may be used for testing the waste, tensile strength, and bleaching qualities of the different grades and classes of cotton in order to determine their spinning value and for demonstrating the results of such tests;

To enable the Secretary of Agriculture to cooperate with the several States in the employment of agents to acquire and diffuse useful information connected with the distribution and marketing of farm products through investigational, demonstrational, or extension methods, \$70,000;

For investigating the handling, grading, and transportation of grain, including the grain sorghums, for the purpose of fixing definite grades thereof, \$60,000;

For collecting, compiling, abstracting, analyzing, summarizing, interpreting, and publishing data relating to agriculture, including crop and live-stock estimates, acreage, yield, grades, stocks, and value of farm crops, and numbers, grades, and value of live stock and live-stock products on farms, in cooperation with the States Relations Service and other Federal, State, and local agencies, \$300,000: *Provided*, That not less than \$50,000 shall be used for collecting and disseminating to American producers, importers, exporters, and other interested persons information relative to the world supply of and need for American agricultural products, marketing methods, conditions, prices, and other factors, a knowledge of which is necessary to the advantageous disposition of such products in foreign countries, independently and in cooperation with other branches of the Government, State agencies, purchasing and consuming organizations, and persons engaged in the transportation, marketing, and distribution

of farm and food products, including the purchase of such books and periodicals as may be necessary in connection with this work;

For general administrative expenses in connection with the lines of investigation, experiment, and demonstration conducted in the Bureau of Markets and Crop Estimates, \$30,000;

Administrative expenses.

In all, for general expenses, \$1,389,560.

That hereafter the powers conferred and the duties imposed by law on the Bureau of Statistics and the Bureau of Crop Estimates of the Department of Agriculture shall be exercised and performed by the Bureau of Markets and Crop Estimates.

Duties of Statistics and Crop Estimates Bureau transferred to Bureau of Markets and Crop Estimates.

**ENFORCEMENT OF THE UNITED STATES COTTON-FUTURES ACT:** To enable the Secretary of Agriculture to carry into effect the provisions of the United States Cotton-Futures Act, as amended March 4, 1919, including all expenses necessary for the purchase of equipment and supplies; for travel; for the employment of persons in the city of Washington and elsewhere; and for all other expenses, including rent outside of the District of Columbia, that may be necessary in executing the provisions of this Act, \$138,831: *Provided*, That any moneys received from or in connection with the sale of cotton purchased for the preparation of practical forms of the official cotton standards and condemned as unsuitable for such use may be expended by the Secretary of Agriculture during the fiscal year ending June 30, 1922, for the purchase of other cotton for such use.

Cotton-Futures Act. Enforcement. Vol. 39, p. 476; Vol. 40, p. 1351.

**ENFORCEMENT OF THE UNITED STATES GRAIN-STANDARDS ACT:** To enable the Secretary of Agriculture to carry into effect the provisions of the United States Grain-Standards Act, including rent outside of the District of Columbia and the employment of such persons and means as the Secretary of Agriculture may deem necessary, in the city of Washington and elsewhere, \$538,623.

*Proviso.* Reuse of money from sales of unsuitable cotton.

Grain Standards Act. Enforcement. Vol. 39, p. 482.

**ADMINISTRATION OF THE UNITED STATES WAREHOUSE ACT:** To enable the Secretary of Agriculture to carry into effect the provisions of the United States Warehouse Act, including the payment of such rent outside of the District of Columbia and the employment of such persons and means as the Secretary of Agriculture may deem necessary, in the city of Washington and elsewhere, \$80,000.

Warehouse Act. Administration of. Vol. 39, p. 486.

**ENFORCEMENT OF THE STANDARD CONTAINER ACT:** To enable the Secretary of Agriculture to carry into effect the Act entitled "An Act to fix standards for Climax baskets for grapes and other fruits and vegetables, and to fix standards for baskets and other containers for small fruits, berries, and vegetables, and for other purposes," approved August 31, 1916, including the employment of such persons and means as the Secretary of Agriculture may deem necessary, in the city of Washington and elsewhere, \$3,800.

Standard Container Act. Enforcement. Vol. 39, p. 673.

**COMPLETION OF WOOL WORK:** To enable the Bureau of Markets and Crop Estimates to complete the work of the Domestic Wool Section of the War Industries Board and to enforce the Government regulations for handling the wool clip of 1918 as established by the Wool Division of said board, pursuant to the Executive order dated December 31, 1918, transferring such work to the said bureau, \$15,000, and to continue, as far as practicable, the distribution among the growers of the wool clip of 1918 of all sums heretofore or hereafter collected or recovered with or without suit by the Government from all persons, firms, or corporations which handled any part of the wool clip of 1918;

Wool Clip of 1918. Completion of work on.

Total for Bureau of Markets and Crop Estimates, \$3,004,444.

Distribution of moneys collected among growers.

#### ENFORCEMENT OF THE INSECTICIDE ACT.

Insecticide Act.

**SALARIES, ENFORCEMENT OF THE INSECTICIDE ACT:** Executive officer, \$2,750; executive assistant, \$2,000; clerks—one of class four, two of class two, three of class one, two at \$1,140 each; five insecticide

Pay of executive officer, clerks, etc.

and fungicide inspectors at \$1,600 each; sample and storeroom custodian, \$1,200; laboratory helpers—one \$1,200, one \$840, one \$720, one \$600; two laborers at \$720 each; messenger boys—two at \$480 each, one \$360; two charwomen at \$480 each; in all, \$31,510.

Expenses, enforcing.

**GENERAL EXPENSES, ENFORCEMENT OF THE INSECTICIDE ACT:** For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and for all necessary expenses, as follows:

Salaries, supplies,  
etc.  
Vol. 36, p. 331.

To enable the Secretary of Agriculture to carry into effect the provisions of the Act of April 26, 1910, entitled "An Act for preventing the manufacture, sale, or transportation of adulterated or misbranded Paris greens, lead arsenates, other insecticides, and also fungicides, and for regulating traffic therein, and for other purposes," \$125,000.

Total for enforcement of the Insecticide Act, \$156,510.

Federal Horticultural Board.

#### FEDERAL HORTICULTURAL BOARD.

Salaries.

**SALARIES, FEDERAL HORTICULTURAL BOARD:** Secretary of the board, \$2,280; two executive clerks at \$2,000 each; clerks—one \$1,980, four of class four, two of class three, one \$1,560, one \$1,500, three at \$1,440, two of class two, two at \$1,260 each, eleven of class one; messenger boys—one \$600, one \$480, two at \$360 each; charwoman, \$240; in all, \$46,600;

General expenses.

**GENERAL EXPENSES, FEDERAL HORTICULTURAL BOARD:** For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and for all other necessary expenses, as follows:

Enforcing nursery  
plant quarantine, etc.  
Vol. 37, pp. 315, 854.

To enable the Secretary of Agriculture to carry into effect the provisions of the Act of August 20, 1912, as amended, entitled "An Act to regulate the importation of nursery stock and other plants and plant products; to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests; to permit and regulate the movement of fruits, plants, and vegetables therefrom, and for other purposes," \$113,410;

Potato wart.  
Emergency expenses  
for exterminating, etc.

To enable the Secretary of Agriculture to meet the emergency caused by the establishment of the potato wart in eastern Pennsylvania, and to provide means for the extermination of this disease in Pennsylvania or elsewhere in the United States in cooperation with the State or States concerned, including rent outside the District of Columbia, employment of labor in the city of Washington or elsewhere, and all other necessary expenses, \$25,300;

In all, for general expenses, \$138,710.

Total for Federal Horticultural Board, \$185,310

Miscellaneous.

#### MISCELLANEOUS.

Reclamation projects.  
Aiding agricultural  
development of.

**DEMONSTRATIONS ON RECLAMATION PROJECTS:** To enable the Secretary of Agriculture to encourage and aid in the agricultural development of the Government reclamation projects; to assist, through demonstrations, advice, and in other ways, settlers on the projects; and for the employment of persons and means necessary in the city of Washington and elsewhere, \$30,000.

Conservation of  
navigable waters, etc.  
Cooperation with  
States for fire pro-  
tection of watersheds.  
Vol. 36, p. 961.

**COOPERATIVE FIRE PROTECTION OF FORESTED WATERSHEDS OF NAVIGABLE STREAMS:** For cooperation with any State or group of States in the protection from fire of the forested watersheds of navigable streams under the provisions of section 2 of the Act of March 1, 1911, entitled "An Act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," \$400,000.

**ACQUISITION OF ADDITIONAL FOREST LANDS:** There is hereby appropriated, out of any money in the Treasury not otherwise appropriated, to be expended under the provisions of the Act of March 1, 1911 (Thirty-sixth Statutes at Large, page 961), as amended, for the acquisition of additional lands at headwaters of navigable streams, \$1,000,000.

Additional forest lands. Acquisition under conservation Act. Vol. 36, p. 961.

**EXPERIMENTS AND DEMONSTRATIONS IN LIVE-STOCK PRODUCTION IN THE CANE-SUGAR AND COTTON DISTRICTS OF THE UNITED STATES:** To enable the Secretary of Agriculture, in cooperation with the authorities of the States concerned, or with individuals, to make such investigations and demonstrations as may be necessary in connection with the development of live-stock production in the cane-sugar and cotton districts of the United States, \$51,500.

Cane sugar and cotton districts. Cooperative experiments, etc., in live stock production in.

**EXPERIMENTS IN DAIRYING AND LIVE-STOCK PRODUCTION IN SEMI-ARID AND IRRIGATED DISTRICTS OF THE WESTERN UNITED STATES:** To enable the Secretary of Agriculture to conduct investigations and experiments in problems connected with the establishment of dairying and meat-production enterprises on the semiarid and irrigated lands of the western United States, including the purchase of live stock, and the employment of necessary persons and means in the city of Washington and elsewhere, \$40,000.

Western irrigated, etc., lands. Dairying and live-stock experiments in.

**Field Station, Woodward, Oklahoma:** For the establishment in connection with the Woodward, Oklahoma, Field Station of a live-stock department, through which experiments and demonstrations in live-stock breeding, growing and feeding, including both beef and dairy animals, may be made, \$10,000, of which sum the Secretary is hereby authorized to use not exceeding \$3,000 for the purpose of building additional sheds, stalls, and pens for the protection and care of said animals.

Woodward, Okla. Establishing live-stock department at, field station.

**PASSENGER-CARRYING VEHICLES:** That not to exceed \$60,000 of the lump-sum appropriations herein made for the Department of Agriculture shall be available for the maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles necessary in the conduct of the field work of the Department of Agriculture outside the District of Columbia.

Passenger vehicles. Allowance for, in lump sum appropriations.

**ERADICATION OF FOOT-AND-MOUTH AND OTHER CONTAGIOUS DISEASES OF ANIMALS:** In case of an emergency arising out of the existence of foot-and-mouth disease, rinderpest, contagious pleuropneumonia, or other contagious or infectious disease of animals which, in the opinion of the Secretary of Agriculture, threatens the live-stock industry of the country, he may expend in the city of Washington or elsewhere, out of any money in the Treasury not otherwise appropriated, the sum of \$50,000, which sum is hereby appropriated, or so much thereof as he determines to be necessary, in the arrest and eradication of any such disease, including the payment of claims growing out of past and future purchases and destruction, in cooperation with the States, of animals affected by or exposed to, or of materials contaminated by or exposed to, any such disease, wherever found and irrespective of ownership, under like or substantially similar circumstances, when such owner has complied with all lawful quarantine regulations: *Provided*, That the payment for animals hereafter purchased may be made on appraisement based on the meat, dairy, or breeding value, but in case of appraisement based on breeding value no appraisement of any animal shall exceed three times its meat or dairy value, and except in case of an extraordinary emergency, to be determined by the Secretary of Agriculture, the payment by the United States Government for any animal shall not exceed one-half of any such appraisements: *Provided further*, That so much of the appropriation of \$2,500,000 made by the Agricultural Appropriation Act of March 4, 1915, for the fiscal year ending June 30, 1916, for the arrest and eradication of foot-and-mouth disease,

Contagious diseases of animals. Emergency appropriation for eradicating.

Payment of claims for animals destroyed, etc.

*Provided*. Appraisement of values.

Unexpended balances reapportioned. Vol. 38, p. 1115.

rinderpest, contagious pleuropneumonia, or other contagious or infectious disease of animals, as remains unexpended at the close of the fiscal year 1921, is hereby reappropriated and made available for expenditure during the fiscal year ending June 30, 1922, for the objects mentioned in said Appropriation Act, including necessary investigations to determine whether said diseases have been completely eradicated in districts where they previously existed.

Pink bollworm of cotton.  
Emergency expenses in eradicating.

**ERADICATION OF PINK BOLLWORM:** To enable the Secretary of Agriculture to meet the emergency caused by the existence of the pink bollworm of cotton in Mexico, and to prevent the establishment of such insect in the United States by the employment of all means necessary, including rent outside of the District of Columbia and the employment of persons and means in the city of Washington and elsewhere, \$554,840, as follows:

Preventing, etc., entry of cotton and cotton seed from Mexico.

To prevent the movement of cotton and cotton seed from Mexico into the United States, including the regulation of the entry into the United States of railway cars and other vehicles, and freight, express, baggage, or other materials from Mexico, and the inspection, cleaning, and disinfection thereof, \$139,840; any moneys received in payment of charges fixed by the Secretary of Agriculture on account of such cleaning and disinfection at plants constructed therefor out of any appropriation made on account of the pink bollworm of cotton to be covered into the Treasury as miscellaneous receipts;

Deposit of receipts from cleaning, etc.

Cooperative extermination, etc., in Mexico.

To make surveys to determine the actual distribution of the pink bollworm in Mexico and to exterminate local infestations in Mexico near the border of the United States, in cooperation with the Mexican Government or local Mexican authorities, \$10,000;

Investigations for control.

To investigate in Mexico or elsewhere the pink bollworm as a basis for control measures, \$5,000;

Surveys, inspections, etc., in United States.

To conduct surveys and inspections in Texas or in any other State to detect any infestation and to conduct such control measures, including the establishment of cotton-free areas, in cooperation with the State of Texas or other States concerned, as may be necessary to stamp out such infestation, to establish in cooperation with the States concerned a zone or zones free from cotton culture on or near the border of any State or States adjacent to Mexico, and to cooperate with the Mexican Government or local Mexican authorities, or otherwise, by undertaking in Mexico such measures for the extermination of the pink bollworm of cotton as shall be determined to be practicable from surveys showing its distribution, \$400,000: *Provided*, That no part of the money herein appropriated shall be used to pay the cost or value of crops or other property injured or destroyed.

Cooperation for extermination in Mexico.

*Proviso.*  
No pay for crops, etc., destroyed.

Parlatoria date scale.

Emergency expenses in exterminating.

**ERADICATION OF THE PARLATORIA DATE SCALE:** To enable the Secretary of Agriculture to meet the emergency caused by the existence of the Parlatoria date scale in California, Arizona, or any other State, and to provide means for the extermination of this insect in California, Arizona, or elsewhere in the United States, in cooperation with the States concerned, \$15,000, of which \$5,000 shall be immediately available.

Mexican bean beetle.

Study, etc., for preventing spread of.

**CONTROL AND PREVENTION OF SPREAD OF THE MEXICAN BEAN BEETLE:** To enable the Secretary of Agriculture to meet the emergency caused by the recent introduction and rapid multiplication of the Mexican bean beetle in the State of Alabama, and other States, and to provide means for the study, experimentation in eradication, and for the control and prevention of the spread of this insect in that State and to other States, in cooperation with the State of Alabama and other States concerned and with individuals affected, including the employment of persons and means in the city of Washington and elsewhere, and all other necessary expenses, \$100,000, of which sum \$25,000 shall be immediately available.

**MILEAGE RATES FOR MOTOR VEHICLES:** Whenever, during the fiscal year ending June 30, 1922, the Secretary of Agriculture shall find that the expenses of travel can be reduced thereby, he may, in lieu of actual traveling expenses, under such regulations as he may prescribe, authorize the payment of not to exceed 3 cents per mile for a motor cycle or 7 cents per mile for an automobile, used for necessary travel on official business.

Travel expenses. Allowance for, by motor vehicles.

To enable the joint committee of the two Houses on short-time rural credits constituted and appointed in pursuance of Public Numbered 234, Sixty-sixth Congress, "An Act making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1921," to continue and complete its labors and reports, \$5,000.

Short-time rural credits committee. Expenses. *Ame*, p. 730.

**PURCHASE OF SEED GRAIN FOR DROUGHT-STRIKEN AREAS:** That the Secretary of Agriculture is hereby authorized, for the crop of 1921, to make advances or loans to farmers in the drought-stricken areas of the United States, where he shall find that special need for such assistance exists, for the purchase of wheat, oats, barley, and flax seed for seed purposes and when necessary, to procure such seed and sell same to such farmers. Such advances, loans, or sales shall be made upon such terms and conditions and subject to such regulations as the Secretary of Agriculture shall prescribe, including an agreement by each farmer to use the seed thus obtained by him for the production of grain or flax seed. A first lien on the crop to be produced from seed obtained through a loan, advance, or sale made under this section shall, in the discretion of the Secretary of Agriculture, be deemed sufficient security therefor. The total amount of such advances, loans, or sales to any one farmer shall not exceed the sum of \$200. All such advances or loans shall be made through such agencies as the Secretary of Agriculture shall designate. For carrying out the purposes of this section there is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated, the sum of \$2,000,000, to be immediately available.

Seed grain for drought-stricken areas. Advances to farmers for purchase of wheat, etc., for seeding.

Terms and conditions.

Loan to be first lien on crop produced.

Limit.

Appropriation.

That any person who shall knowingly make any false representation for the purpose of obtaining an advance, loan, or sale under this Act shall, upon conviction thereof, be punished by a fine of not exceeding \$1,000, or by imprisonment not exceeding six months, or both.

Punishment for making false statements to obtain loan, etc.

That the President be, and he is hereby, authorized and requested to extend invitations to foreign governments to be represented by delegates in a world's dairy congress to be held in the United States in 1922: *Provided*, That nothing herein contained shall be construed to create any pecuniary obligation on the part of the Government of the United States.

World's dairy congress. Foreign governments invited to.

*Proviso.* No expense authorized.

That the Secretary of Agriculture is directed hereafter to submit to Congress at the beginning of each regular session a report showing what investigations devolved upon the Department of Agriculture have been completed during the preceding fiscal year, and also showing what services, if any, devolved upon the department are being performed or duplicated, in whole or in part, by any other department, bureau, or agency of the Government.

Report of investigations completed each year, etc., to be made.

Total for the Department of Agriculture, \$36,404,259.

Approved, March 3, 1921.

**CHAP. 128.**—An Act Making appropriations for fortifications and other works of defense, for the armament thereof, and for the procurement of heavy ordnance for trial and service for the fiscal year ending June 30, 1922, and for other purposes.

March 3, 1921. [H. R. 16100.] [Public, No. 368.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That the following sums are appropriated, out of any money in the Treasury not otherwise appropriated, for fortifications and other works of defense, for the arma-

Fortifications appropriations.