

**CHAP. 555.**—An Act Making appropriations for the Department of Agriculture for the fiscal year ending June thirtieth, nineteen hundred and one.

May 25, 1900.

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

Agricultural Department appropriations.

DEPARTMENT OF AGRICULTURE.

**OFFICE OF THE SECRETARY:** For compensation of Secretary of Agriculture, eight thousand dollars; Assistant Secretary of Agriculture, four thousand five hundred dollars, chief clerk, who shall be superintendent of the Department buildings, two thousand five hundred dollars; private secretary to the Secretary of Agriculture, two thousand two hundred and fifty dollars; stenographer to the Secretary of Agriculture, one thousand four hundred dollars; private secretary to the Assistant Secretary of Agriculture, one thousand six hundred dollars; one appointment clerk, two thousand dollars; one chief of supply division, two thousand dollars; one telegraph and telephone operator, one thousand two hundred dollars; one clerk class four, one thousand eight hundred dollars; two clerks class three, three thousand two hundred dollars; two clerks class two, two thousand eight hundred dollars; seven clerks class one, eight thousand four hundred dollars; four clerks at one thousand dollars each, four thousand dollars; one clerk, at eight hundred and forty dollars; one engineer, who shall be captain of the watch, one thousand six hundred dollars; one fireman, who shall be steam fitter, nine hundred dollars; one assistant fireman, seven hundred and twenty dollars; one assistant fireman, six hundred dollars; nine night watchmen, at seven hundred and twenty dollars each, six thousand four hundred and eighty dollars; two day watchmen, at seven hundred and twenty dollars each, one thousand four hundred and forty dollars; one mechanic, at one thousand one hundred dollars; six messengers, at eight hundred and forty dollars each, five thousand and forty dollars; two assistant messengers, at seven hundred and twenty dollars each, one thousand four hundred and forty dollars; in all, sixty-five thousand eight hundred and ten dollars.

Pay of Secretary, Assistant, clerks, etc.

**OFFICE OF THE SECRETARY: LABORERS AND CHARWOMEN.**—One laborer, at seven hundred and twenty dollars; one laborer, at six hundred dollars; three charwomen, at four hundred and eighty dollars each, one thousand four hundred and forty dollars; five charwomen, at two hundred and forty dollars each, one thousand two hundred dollars; for extra laborers and emergency employment, one thousand dollars; in all, four thousand nine hundred and sixty dollars.

Laborers, etc.

**DIVISION OF ACCOUNTS AND DISBURSEMENTS:** Chief of division and disbursing clerk, two thousand five hundred dollars; one assistant chief of division, two thousand dollars; one cashier, one thousand eight hundred dollars; three clerks class three, four thousand eight hundred dollars; three clerks class two, four thousand two hundred dollars; three clerks class one (one of whom shall be a stenographer and typewriter), three thousand six hundred dollars; in all, eighteen thousand nine hundred dollars.

Salaries. Division of Accounts and Disbursements.

**DIVISION OF PUBLICATIONS:** One editor, who shall be chief of division, two thousand five hundred dollars; assistant chief of division, one thousand eight hundred dollars; one editorial clerk, one thousand six hundred dollars; two editorial clerks, at one thousand four hundred dollars each, two thousand eight hundred dollars; one clerk, at one thousand two hundred dollars; five clerks, at one thousand dollars each (one of whom shall be a stenographer), five thousand dollars.

Division of Publications.

## Document section.

Document section: One assistant in charge, one thousand eight hundred dollars; one foreman, one thousand four hundred dollars; one clerk, one thousand dollars; one chief folder, one thousand dollars; one folder, eight hundred and forty dollars; four folders, at six hundred dollars each, two thousand four hundred dollars; two copyists, at eight hundred and forty dollars each, one thousand six hundred and eighty dollars; in all, twenty-five thousand and twenty dollars.

## Division of Statistics.

**DIVISION OF STATISTICS:** One statistician, who shall be chief of division, three thousand dollars; one assistant statistician, who shall be assistant chief of division, two thousand two hundred dollars; one clerk class four, one thousand eight hundred dollars; three clerks class three, four thousand eight hundred dollars; five clerks class two, seven thousand dollars; five clerks class one, six thousand dollars; eight clerks, at one thousand dollars each, eight thousand dollars; four clerks, at eight hundred and forty dollars each, three thousand three hundred and sixty dollars; in all, thirty-six thousand one hundred and sixty dollars.

## Division of Botany.

**DIVISION OF BOTANY:** One botanist, who shall be chief of division, two thousand five hundred dollars; assistant botanist, who shall be assistant chief of division, one thousand eight hundred dollars; assistant botanist, one thousand six hundred dollars; assistant botanist, one thousand four hundred dollars; one assistant botanist, one thousand two hundred dollars; two clerks, at one thousand dollars each, two thousand dollars; one clerk, nine hundred dollars; two clerks, at eight hundred and forty dollars each, one thousand six hundred and eighty dollars; in all, thirteen thousand and eighty dollars.

## Division of Entomology.

**DIVISION OF ENTOMOLOGY:** One entomologist, who shall be chief of division, two thousand five hundred dollars; one assistant entomologist, who shall be assistant chief of division, one thousand eight hundred dollars; one assistant entomologist or clerk, one thousand six hundred dollars; one assistant entomologist or clerk, one thousand four hundred dollars; two assistant entomologists or clerks, at one thousand two hundred dollars each, two thousand four hundred dollars; one clerk, one thousand dollars; in all, ten thousand seven hundred dollars.

## Division of Biological Survey.

**DIVISION OF BIOLOGICAL SURVEY:** One biologist, who shall be chief of division, two thousand five hundred dollars; one assistant biologist, who shall be assistant chief of division, one thousand eight hundred dollars; two assistant biologists, one thousand five hundred dollars each, three thousand dollars; one assistant biologist, one thousand four hundred dollars; one clerk class one, one thousand two hundred dollars; two clerks, at one thousand dollars each, two thousand dollars; one clerk, nine hundred dollars; in all, twelve thousand eight hundred dollars.

## Division of Pomology.

**DIVISION OF POMOLOGY:** One pomologist, who shall be chief of division, two thousand five hundred dollars; one assistant pomologist, who shall be assistant chief of division, one thousand eight hundred dollars; one clerk class three, one thousand six hundred dollars; one clerk class one, one thousand two hundred dollars; one clerk, one thousand dollars; one clerk, eight hundred and forty dollars; in all, eight thousand nine hundred and forty dollars.

## Division of Vegetable Physiology and Pathology.

**DIVISION OF VEGETABLE PHYSIOLOGY AND PATHOLOGY:** One pathologist, who shall be chief of division, two thousand five hundred dollars; assistant pathologist, who shall be assistant chief of division, one thousand eight hundred dollars; assistant pathologist, one thousand two hundred dollars; one clerk, one thousand dollars; in all, six thousand five hundred dollars.

## Division of Chemistry.

**DIVISION OF CHEMISTRY:** One chemist, who shall be chief of division, two thousand five hundred dollars; one assistant chemist, who shall be assistant chief of division, one thousand eight hundred dollars; one assistant chemist, one thousand six hundred dollars; in all, five thousand nine hundred dollars.

clerk class one, one thousand two hundred dollars; in all, seven thousand one hundred dollars.

**DIVISION OF SOILS:** One chief, two thousand five hundred dollars; one assistant chief, one thousand eight hundred dollars; one assistant, one thousand dollars; one clerk, one thousand dollars; in all, six thousand three hundred dollars.

Division of Soils.

**DIVISION OF AGROSTOLOGY:** One agrostologist, who shall be chief of division, two thousand five hundred dollars; one assistant chief, one thousand eight hundred dollars; one assistant, one thousand five hundred dollars; one assistant, one thousand four hundred dollars; one histologist, nine hundred dollars; in all, eight thousand one hundred dollars.

Division of Agrostology.

**DIVISION OF FORESTRY:** One forester, who shall be chief of division, two thousand five hundred dollars; one superintendent of working plans, who shall be assistant chief of division, one thousand eight hundred dollars; one clerk class two, one thousand four hundred dollars; one clerk class one, one thousand two hundred dollars; one clerk, nine hundred dollars; one clerk, seven hundred and twenty dollars; in all, eight thousand five hundred and twenty dollars.

Division of Forestry.

**EXPERIMENTAL GARDENS AND GROUNDS:** One superintendent, two thousand five hundred dollars; one clerk class one, one thousand two hundred dollars; in all, three thousand seven hundred dollars.

Experimental Gardens and Grounds.

**MUSEUM:** One caretaker, one thousand dollars; for labor in cleaning and caring for building, one charwoman, at five hundred and forty dollars; three charwomen, at two hundred and forty dollars each, seven hundred and twenty dollars; in all, two thousand two hundred and sixty dollars.

Museum.

**LIBRARY:** One librarian, one thousand eight hundred dollars; one assistant librarian, one thousand four hundred dollars; one clerk (who shall be a translator), one thousand two hundred dollars; one cataloguer, one thousand two hundred dollars; one cataloguer, one thousand dollars; two clerks, eight hundred and forty dollars each, one thousand six hundred and eighty dollars; one messenger, seven hundred and twenty dollars; in all, nine thousand dollars.

Library.

**SALARIES, BUREAU OF ANIMAL INDUSTRY:** One Chief of Bureau, four thousand dollars; one assistant chief, two thousand five hundred dollars; one chief clerk of Bureau, two thousand dollars; one chief of inspection division, two thousand five hundred dollars; one assistant chief of inspection division, one thousand eight hundred dollars; one chief of dairy division, two thousand five hundred dollars; one assistant chief of dairy division, one thousand eight hundred dollars; one chief of pathological division, two thousand five hundred dollars; two assistants in pathological division, at one thousand two hundred dollars each, two thousand four hundred dollars; one assistant in pathological division, eight hundred and forty dollars; one chief of biochemic division, two thousand five hundred dollars; one assistant in biochemic division, one thousand six hundred dollars; one assistant in biochemic division, one thousand four hundred dollars; one assistant in biochemic division, one thousand two hundred dollars; one assistant in biochemic laboratory, seven hundred and twenty dollars; one chief of miscellaneous division, two thousand dollars; one zoologist, two thousand two hundred and fifty dollars; one veterinary inspector, one thousand eight hundred dollars; one veterinary inspector, one thousand six hundred dollars; two veterinary inspectors, at one thousand four hundred dollars each, two thousand eight hundred dollars; one superintendent of experiment station, one thousand eight hundred dollars; one assistant superintendent, one thousand dollars; one clerk class four, one thousand eight hundred dollars; one editorial clerk, one thousand eight hundred dollars; one clerk class three, one thousand six hundred dollars; three clerks class two, four thousand two hundred

Bureau of Animal Industry.

dollars; five clerks class one, six thousand dollars; seven clerks, at one thousand dollars each, seven thousand dollars; seven clerks, at eight hundred and forty dollars each, five thousand eight hundred and eighty dollars; two firemen, at seven hundred and twenty dollars each, one thousand four hundred and forty dollars; four messengers, at seven hundred and twenty dollars each, two thousand eight hundred and eighty dollars; two skilled laborers, at six hundred and sixty dollars each, one thousand three hundred and twenty dollars; one illustrator, one thousand four hundred dollars; in all, seventy-eight thousand eight hundred and thirty dollars.

Total amount for salaries in Department of Agriculture, three hundred and twenty-five thousand six hundred and eighty dollars.

### MISCELLANEOUS.

- Library, expenses.** **LIBRARY, DEPARTMENT OF AGRICULTURE:** Purchase of technical books of reference, technical papers, and technical periodicals necessary for the work of the Department, and for expenses incurred in completing imperfect series, and for library fixtures, shelving, library cards, and other material, five thousand dollars.
- Contingent expenses.** **CONTINGENT EXPENSES, DEPARTMENT OF AGRICULTURE:** For the purchase of stationery, blank books, necessary scientific and other publications, twine, paper, gum, dry goods, soap, brushes, brooms, mats, oils, paints, glass, lumber, hardware, ice, fuel, water and gas pipes, heating apparatus, furniture, carpets, matting; for lights, freight, express charges, advertising, telegraphing, washing towels, and necessary repairs and improvements to buildings and heating apparatus; for the employment of one carpenter, at one thousand dollars, and for the employment of one painter, at nine hundred dollars; the purchase, subsistence, and care of horses, for official purposes only; the purchase and repair of harness; the purchase and repair of vehicles, for official purposes only; payment of duties on imported articles, and the Department of Agriculture's proportionate share of the dispatch agent in New York, not to exceed four hundred dollars; actual traveling expenses while on business of the Department, and other miscellaneous supplies and expenses not otherwise provided for and necessary for the practical and efficient work of the Department, including not to exceed two thousand five hundred dollars for postage, thirty-seven thousand dollars.
- Dispatch agent.** **ANIMAL QUARANTINE STATIONS:** To purchase, establish, and maintain quarantine stations, and to provide proper shelter and equipment for the care of neat cattle and domestic animals imported, at such ports as may be deemed necessary, fifty thousand dollars (to be immediately available).
- Animal quarantine stations.** **COLLECTING AGRICULTURAL STATISTICS:** Collecting domestic and foreign agricultural statistics, compiling, writing, and illustrating statistical matter for monthly, annual, and special reports; special investigations and compilations; subscription to, and purchase of, statistical and newspaper publications containing data for permanent comparative records; maps and charts; stationery supplies, blanks, blank books, circulars, paper, envelopes, postal cards, postage stamps, freight and express charges, and necessary traveling expenses: *Provided*, That the monthly crop report issued on the tenth day of each month shall embrace a statement of the condition of the crops, by States, in the United States, with such explanations, comparisons, and information as may be useful for illustrating the above matter, and that it shall be submitted to, and officially approved by, the Secretary of Agriculture before being issued or published: *Provided, also*, That fifteen thousand dollars of the amount hereby appropriated, or so much thereof as the Secretary of Agriculture may deem necessary, may be
- Investigations and expenses. Agricultural.**
- Provisos.**
- Monthly crop reports.**
- Extending demands of foreign markets.**

expended in continuing the investigations concerning the feasibility of extending the demands of foreign markets for the agricultural products of the United States, and to secure, as far as may be, a change in the methods of supplying farm products to foreign countries, one hundred and ten thousand dollars, of which sum not more than sixty thousand dollars shall be expended for salaries in the city of Washington, District of Columbia.

**BOTANICAL INVESTIGATION AND EXPERIMENTS:** Investigations relating to medicinal, fiber, and other economic or poisonous plants and seeds, the collection of plants, traveling expenses and express charges; the purchase of paper and all other necessary supplies, materials, and apparatus; for gas and electric current; for the employment of local and special agents, clerks, assistants, and other labor in conducting experiments in the city of Washington and elsewhere, and in collating, digesting, reporting, and illustrating the results of such experiments; subscriptions to, and purchase of, botanical publications for use in the division; and the preparation, illustration, and publication of reports; and the Secretary of Agriculture is hereby authorized to purchase samples of seeds in open market, test same, and when found not up to standard, he may, at his discretion, publish the results of these tests, together with the names of the seedsmen by whom the seeds were sold, thirty thousand dollars, of which sum two thousand dollars shall be immediately available, and of which amount a sum not exceeding one thousand dollars may be used for the rent and ordinary repairs of a building for office and laboratory purposes.

Botanical experiments, etc.

Purchasing sample seeds.

**ENTOMOLOGICAL INVESTIGATIONS:** Promotion of economic entomology; investigating the history and habits of insects injurious and beneficial to agriculture, horticulture, and arboriculture; ascertaining the best means of destroying those found to be injurious, including an investigation into the ravages of the codling moth with a view of ascertaining the best method of its extermination; investigations in apiculture; purchase of chemicals, insecticide apparatus, and other materials, supplies, and instruments required in conducting such experiments and investigations; for the employment of local and special agents, clerks, assistants, and other labor required in conducting experiments in the city of Washington and elsewhere, and in collating, digesting, reporting, and illustrating the results of such experiments; freight and express charges, and necessary traveling expenses; preparing, illustrating, and publishing the results of the work of the division, twenty-two thousand five hundred dollars.

Entomological investigations.

**VEGETABLE PATHOLOGICAL INVESTIGATIONS:** Investigating the nature of diseases injurious to fruits, fruit trees, grain, cotton, vegetables, and other useful plants; experiments in the treatment of the same; the employment of local and special agents, clerks, assistants, and other labor in conducting experiments in the city of Washington and elsewhere, and in collating, digesting, reporting, and illustrating the results of such experiments; for gas and electric current, purchase of chemicals and apparatus required in the field and laboratory; necessary traveling expenses; the preparation of reports and illustrations; the rent of a building, not to exceed six hundred and sixty dollars per annum; and for other expenses connected with the practical work of the investigation, twenty-eight thousand dollars, of which sum two thousand dollars, or so much thereof as may be necessary, may be used for the erection, heating, and equipment of a plant house upon the Department grounds, for conducting investigations and experiments on the diseases of plants and methods of preventing them: *Provided*, That two thousand dollars of this sum, or so much thereof as may be necessary, may be used by the Secretary of Agriculture for the employment of student scientific aids, at an annual salary of four hundred and eighty dollars each.

Vegetable pathological investigations.

Proviso. Student scientific aids.

Biological investigations.

**BIOLOGICAL INVESTIGATIONS:** For biological investigations, including the geographic distribution and migrations of animals, birds, and plants; for the promotion of economic ornithology and mammalogy; for an investigation of the food habits of North American birds and mammals in relation to agriculture, horticulture, and forestry; for the employment of local and special agents, clerks, assistants, and other labor required in conducting experiments, in the city of Washington and elsewhere, and in collating, digesting, reporting, and illustrating the results of such experiments; for freight and express charges; for preparation and publication of reports, and for illustrations, field work, and traveling and other expenses in the practical work of the division, seventeen thousand five hundred dollars.

Pomological investigations.

**POMOLOGICAL INVESTIGATIONS:** Investigating, collecting, and disseminating information relating to the fruit industry; the collection and distribution of seeds, shrubs, trees, and specimens; and for collecting and modeling fruits, vegetables, and other plants; the employment of local and special agents, clerks, assistants, and other labor required in conducting experiments in the city of Washington and elsewhere, and in collating, digesting, reporting, and illustrating the results of such experiments; for traveling and other necessary expenses, nine thousand five hundred dollars.

Laboratory.

**LABORATORY, DEPARTMENT OF AGRICULTURE:** Chemical apparatus, chemicals, laboratory fixtures, and supplies, repairs to engine and apparatus; gas and electric current, purchase of supplies and necessary expenses in conducting special investigations, including necessary traveling and other expenses, labor and expert work in such investigations, in the city of Washington and elsewhere, and in collating, digesting, reporting, and illustrating the results of such experiments, four thousand dollars; for rent of laboratory building, two thousand five hundred dollars; for the employment of additional assistant chemists, when necessary, and for employment of not to exceed four laborers in division of chemistry when necessary, seven thousand dollars;

Soil characteristics.

To enable the Secretary of Agriculture to continue the investigation relative to the various typical soils of the United States to determine their chemical characteristics and especially the nature of the nitrifying organisms contained therein;

Foods, drugs, and liquors adulterations.

To investigate the adulteration of foods, drugs, and liquors, when deemed by the Secretary of Agriculture advisable; and the Secretary of Agriculture, whenever he has reason to believe that articles are being imported from foreign countries which are dangerous to the health of the people of the United States, shall make a request upon the Secretary of the Treasury for samples from original packages of such articles for inspection and analysis; and the Secretary of the Treasury is hereby authorized to open such original packages and deliver specimens to the Secretary of Agriculture for the purpose mentioned, giving notice to the owner or consignee of such articles, who may be present and have the right to introduce testimony; and the Secretary of the Treasury shall refuse delivery to the consignee of any such goods which the Secretary of Agriculture reports to him have been inspected and analyzed and found to be dangerous to health;

Opening packages of suspected imports.

—notice to owner.

—delivery refused of deleterious goods, etc.

Investigation food constituents of cereals.

To enable the Secretary of Agriculture to investigate the cause of the deterioration in the gluten content of wheat on the Pacific coast and in other parts of the country, and to study the methods for increasing the content of valuable food constituents in wheat and other cereals;

—of proposed food preservatives.

To enable the Secretary of Agriculture to investigate the character of proposed food preservatives and coloring matters; to determine their relation to digestion and to health, and to establish the principles which should guide their use;

—of foreign tests of American food products, etc.

To enable the Secretary of Agriculture to investigate the character of the chemical and physical tests which are applied to American food prod-

ucts in foreign countries, and to inspect before shipment, when desired by the shippers or owners of these food products, American food products intended for countries where chemical and physical tests are required before said food products are allowed to be sold in the countries mentioned; and for all necessary expenses connected with such inspection and studies of methods of analysis in said foreign countries; for the preparation of reports, the purchase of apparatus, chemicals, samples, and supplies required in conducting such investigations; the employment of local and special agents, clerks, assistants, and other labor required in conducting such experiments in the city of Washington and elsewhere, and in collating, digesting, reporting, and illustrating the results of such experiments; for freight and express charges, and for traveling and other necessary expenses, fifteen thousand dollars; in all, for the division of chemistry, twenty-eight thousand five hundred dollars, two thousand dollars of which shall be immediately available.

**FORESTRY INVESTIGATIONS:** To enable the Secretary of Agriculture to experiment and to make and continue investigations and report on the subjects of forestry, forest fires, and lumbering; to advise the owners of woodlands as to the proper care of the same; to seek, through investigations and the planting of native and foreign species, suitable trees for the treeless regions; to collect and distribute valuable economic forest tree seeds and plants; the employment of local and special agents, clerks, assistants, and other labor required in conducting experiments, in the city of Washington and elsewhere, and in collating, digesting, reporting, and illustrating the results of such experiments; for the purchase of all necessary supplies and apparatus, for freight and express charges, and traveling expenses, eighty thousand dollars, of which sum not to exceed five thousand dollars may, in the discretion of the Secretary of Agriculture, be used to investigate the forest conditions in the southern Appalachian mountain region of western North Carolina and adjacent States.

**EXPERIMENTAL GARDENS AND GROUNDS, DEPARTMENT OF AGRICULTURE:** Cultivation and care of experimental gardens and grounds, including the keep of the lawns, trees, roadways, and walks; management and maintenance of the conservatories, greenhouses, and plant and fruit propagating houses; employment of foremen, gardeners, laborers, carpenters, painters, plumbers, and other mechanics; machinery, tools, wagons, carts, horses, harness, plows, lawn mowers, sprinklers, hose, watering cans, tubs, pots, and other implements required in cultivation; lumber, hardware, glass, paints, tin, stone, gravel, and other material required for repairs; fertilizers, insecticide apparatus, and chemicals; blacksmithing, horseshoeing, and repairs to implements and machinery; seeds, plants, and bulbs for propagating purposes; labels, potting and packing materials, feed for horses, freight and express charges, repairing roadways and walks, and for electric lighting, twenty thousand dollars.

**SOIL INVESTIGATIONS:** Investigation of the relation of soils to climate and organic life; for the investigation of the texture and composition of soils in the field and laboratory; for the investigation of the cause and prevention of the rise of alkali in the soils of the irrigated districts; the investigation of the relation of soils to drainage and seepage waters, and of methods for the prevention of the accumulation of and injury from seepage waters in irrigated districts; to map the tobacco soils of the United States; to investigate the soils and conditions of growth in Cuba, Sumatra, and other competing countries; to investigate the methods of curing, with particular reference to fermentation; to originate, through selection and breeding, improved varieties of the principal tobacco districts of the United States, and to secure, as far as may be, a change in the methods of supplying tobacco to foreign countries; the location of the stations, and the rent of a building, not to exceed six hundred and sixty dollars per annum, for office and

Forestry investigations.

Experimental gardens and grounds.

Soil investigations.

laboratory purposes; the employment of local and special agents, clerks, assistants, and other labor required in conducting experiments in the city of Washington and elsewhere, and in collating, digesting, reporting, and illustrating the results of such experiments; the preparation of drawings and illustrations; for materials, tools, instruments, apparatus, gas and electric current, supplies, and for traveling expenses, freight and express charges, twenty-five thousand dollars, of which sum ten thousand dollars, or so much thereof as may be necessary, may be expended by the Secretary of Agriculture for the purpose of demonstrating the practical value of underdrainage and other methods of reclaiming alkali lands.

Division of Agro-  
tology.

**GRASS AND FORAGE-PLANT INVESTIGATION AND ANIMAL FOODS, DIVISION OF AGROSTOLOGY:** To enable the Secretary of Agriculture to conduct investigations of grasses, forage plants, and animal foods; to employ local and special agents and assistants; to collect and purchase seeds, roots, and specimens of valuable economic grasses and forage plants for investigation, experimental cultivation, and distribution, and for experiments and reports upon the best methods of extirpating Johnson and other noxious and destructive grasses; to purchase tools, materials, apparatus, and supplies; to pay freight, express charges, and traveling expenses, and labor required in conducting experiments; to prepare drawings and illustrations for circulars, reports, and bulletins; and the agricultural experiment stations are hereby authorized and directed to cooperate with the Secretary of Agriculture in establishing and maintaining experimental grass stations, for determining the best methods of caring for and improving meadows and grazing lands, the use of different grasses and forage plants, and their adaptability to various soils and climates, the best native and foreign species for reclaiming overstocked ranges and pastures, for renovating worn-out lands, for binding drifting sands and washed lands, and for turfing lawns and pleasure grounds, and for solving the various forage problems presented in the several sections of our country, seventeen thousand dollars: *Provided*, That six thousand dollars of the amount hereby appropriated be used to purchase and collect seeds, roots, and specimens of valuable and economic grasses and forage plants, to be distributed to the various experiment stations in the several States and Territories, to be by them used, under the direction of the Secretary of Agriculture, to ascertain their adaptability to the various soils and climates of the United States: *And provided further*, That not more than six thousand dollars of the amount hereby appropriated shall be expended for salaries in the city of Washington, District of Columbia.

*Provisos.*  
Specimen seeds,  
grasses, etc.

Limit of salaries,  
District of Columbia.

Agricultural Exper-  
iment Stations.  
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Alaska.

Annual statement.

**AGRICULTURAL EXPERIMENT STATIONS:** To carry into effect the provisions of an Act approved March second, eighteen hundred and eighty-seven, 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 second, eighteen hundred and sixty-two, and of the Acts supplementary thereto," and to enforce the execution thereof, seven hundred and eighty thousand dollars: thirty-three thousand dollars of which sum shall be payable upon the order of the Secretary of Agriculture, to enable him to carry out the provisions of section three of said Act of March second, eighteen hundred and eighty-seven, and twelve thousand dollars of which sum may be expended by the Secretary of Agriculture to investigate and report to Congress upon the agricultural resources and capabilities of Alaska; and to establish and maintain agricultural experiment stations in said Territory, including the erection of buildings and all other expenses essential to the maintenance of such stations, of which sum five thousand dollars shall be immediately available; and the Secretary of Agriculture shall prescribe the form of the annual financial statement required by section three of said Act of March second, eighteen

hundred and eighty-seven; shall ascertain whether the expenditures under the appropriation hereby made are in accordance with the provisions of the said Act, and shall make report thereon to Congress; and the Secretary of Agriculture is hereby authorized to employ such assistants, clerks, and other persons as he may deem necessary, in the city of Washington and elsewhere, and to incur such other expenses for office fixtures and supplies, stationery, traveling, freight, and express charges, illustration of the Experiment Station Record, bulletins and reports, as he may find essential in carrying out the objects of the above Acts, and the sums apportioned to the several States shall be paid quarterly in advance.

Experiment Station Record, etc.

And the Secretary of Agriculture is hereby authorized to furnish to such institutions or individuals as may care to buy them, copies of the card index of agricultural literature prepared by the Office of Experiment Stations, and charge for the same a price covering the additional expense involved in the preparation of these copies, and he is hereby authorized to apply the moneys received toward the expense of the preparation of the index.

Index of agricultural literature.

And the Secretary of Agriculture is hereby authorized to expend ten thousand dollars of which sum to establish and maintain an agricultural station in the Hawaiian Islands, including the erection of buildings, the printing (in the Hawaiian Islands), illustration, and distribution of reports and bulletins, and all other expenses essential to the maintenance of said station, which sum shall be immediately available.

Hawaiian Islands station.

And the Secretary of Agriculture is hereby authorized to expend five thousand dollars of which sum to investigate and report to Congress on the agricultural resources and capabilities of Porto Rico with special reference to the selection of locations for agricultural experiment stations, and the determination of the character and extent of agricultural experiments immediately demanded by the condition of agriculture in that island, and to prepare, print, publish, and distribute in Porto Rico circulars of inquiry and bulletins of information in the English and Spanish languages, which sum shall be immediately available; in all, seven hundred and eighty thousand dollars.

Investigation of resources of Porto Rico, etc.

**THE ARLINGTON EXPERIMENTAL FARM:** To enable the Secretary of Agriculture to commence the necessary improvements to establish and maintain a general experimental 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 eighteenth, nineteen hundred, entitled "An Act to set apart a portion of the Arlington estate for experimental agricultural purposes, and to place said portion under the jurisdiction of the Secretary of Agriculture and his successors in office," the sum of ten thousand dollars, of which two thousand dollars shall be immediately available.

Arlington experimental farm. Expenses.

Ante, p. 134.

**NUTRITION INVESTIGATIONS:** To enable the Secretary of Agriculture to investigate and report upon the nutritive value of the various articles and commodities used for human food, with special suggestions of full, wholesome, and edible rations less wasteful and more economical than those in common use, seventeen thousand five hundred dollars; and the agricultural experiment stations are hereby authorized to cooperate with the Secretary of Agriculture in carrying out said investigations in such manner and to such extent as may be warranted by a due regard to the varying conditions and needs of the respective States and Territories, and as may be mutually agreed upon; and the Secretary of Agriculture is hereby authorized to require said stations to report to him the results of any such investigations which they may carry out, whether in cooperation with said Secretary of Agriculture or otherwise.

Nutrition investigations.

**IRRIGATION INVESTIGATIONS:** To enable the Secretary of Agriculture to investigate and report upon the laws and institutions relating to irrigation and upon the use of irrigation waters, with especial sugges-

Irrigation investigations.

tions of better methods for the utilization of irrigation waters in agriculture than those in common use, and for the preparation, printing, and illustration of reports and bulletins on irrigation; and the agricultural experiment stations are hereby authorized and directed to cooperate with the Secretary of Agriculture in carrying out said investigations in such manner and to such extent as may be warranted by a due regard to the varying conditions and needs of the respective States and Territories as may be mutually agreed upon; fifty thousand dollars.

Road-making in-  
quiries.

**PUBLIC ROAD INQUIRIES:** To enable the Secretary of Agriculture to make inquiries in regard to the system of road management throughout the United States; to make investigations in regard to the best methods of road making, and the best kind of road-making materials in the several States; the employment of local and special agents, clerks, assistants, and other labor required in conducting experiments in the city of Washington and elsewhere and in collating, digesting, reporting, and illustrating the results of such experiments; for labor, traveling, and other necessary expenses, and for preparing and publishing bulletins and reports on this subject for distribution, and to enable him to assist the agricultural colleges and experiment stations in disseminating information on this subject, fourteen thousand dollars.

Division of Publica-  
tions.

**PUBLICATIONS, DEPARTMENT OF AGRICULTURE:** For the preparation, printing, illustration, publication, indexing, and distribution of documents, bulletins, and reports, one hundred and five thousand dollars; of which sum fifty-seven thousand five hundred dollars shall be available for the preparation and printing of farmers' bulletins, which shall be adapted to the interest of the people of the different sections of the country, an equal proportion of four-fifths of which shall be delivered to, or sent out under the addressed franks furnished by, Senators, Representatives, and Delegates in Congress, as each Senator, Representative or Delegate shall direct: *Provided*, That the Secretary of Agriculture shall notify Senators and Representatives of the title and character of each such bulletin, and also of any other publication of the Department of Agriculture not sent to the folding rooms of the Senate and House, with the total number to which each Senator, Representative, and Delegate may be entitled for distribution; and on the face of the envelope inclosing said bulletins shall be printed the title of each bulletin contained therein: *Provided further*, That all such bulletins included in the quotas of Senators, Representatives, or Delegates not called for on or before the thirtieth day of June in each fiscal year shall revert to the Secretary of Agriculture, and be available to him, either for miscellaneous distribution or in making up Congressional quotas for the next fiscal year; for the pay of artists, draftsmen, and engravers, and of proof readers and indexers when necessary; for the purchase of manuscript for publication, and of tools, instruments, and artists' materials; for printing proofs, charts, and maps; for drawings, engravings, photographs, paintings, lithographs, other illustrations, and electrotypes, and for traveling expenses when necessary; for labor, paper, envelopes, gum, twine, and other necessary materials; for the employment of local and special agents, clerks, assistants, and other labor required, in the city of Washington and elsewhere, forty-seven thousand five hundred dollars; in all, one hundred and five thousand dollars.

Farmers' bulletins.

*Provisos.*  
Notice to Senators,  
etc., of Department  
publications.

Disposition of publi-  
cations uncalled for.

Division of seeds.  
Purchase, distribu-  
tion, etc.

**PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS:** For the purchase, propagation, and distribution of valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants; the employment of local and special agents, clerks, assistants, and other labor required, in the city of Washington and elsewhere; transportation, paper, twine, gum, printing, postal cards, and all necessary material and repairs for putting up and distributing the same, and to be distributed in localities adapted to their culture, one hundred and seventy thousand dollars, of which amount

not more than twenty-eight thousand dollars shall be expended for labor in the city of Washington, District of Columbia, and not less than ninety thousand dollars shall be allotted for Congressional distribution.

And the Secretary of Agriculture is hereby directed to expend the said sum, as nearly as practicable, in the purchase and distribution of such valuable seeds, bulbs, trees, 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 seed so purchased shall include a variety of vegetable and flower seeds, suitable for planting and culture in the various sections of the United States. An equal proportion of two-thirds of all seeds, bulbs, trees, 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; and the person receiving such seeds shall be requested to inform the Department of the results of the experiments therewith: *Provided*, That all seeds, bulbs, plants, and cuttings herein allotted to Senators, Representatives, and Delegates in Congress for distribution remaining uncalled for on the first 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, propagation, and distribution of valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants: *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-second parallels of latitude shall be ready for delivery on the tenth day of January, or at the earliest practicable time thereafter: *Provided further*, That twenty thousand dollars of the sum thus appropriated, or so much thereof as the Secretary of Agriculture shall direct, may be used to collect, purchase, test, propagate, and distribute rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants, from foreign countries for experiments with reference to their introduction into this country; and the seeds, bulbs, trees, shrubs, vines, cuttings, and plants thus collected, purchased, tested, and propagated shall not be included in general distribution, but shall be used for experimental tests, to be carried on with the cooperation of the agricultural experiment stations.

**INVESTIGATING PRODUCTION OF DOMESTIC SUGAR:** For all expenses necessary to enable the Secretary of Agriculture to continue inquiry and ascertain the progress made in the production of domestic sugar from beets and sorghum, including the area of available lands adapted thereto by irrigation or otherwise, and to investigate all other matters concerning the same, seven thousand dollars.

Seeds adapted to locality, etc.

Congressional allotment.

*Provisos.*  
—uncalled for; disposition.

Report of purchases.

No diversion of appropriations.

Indication of contents of wrappers.  
Seeds adapted to locality.

Early delivery to southern section.

Purchase of foreign seeds, etc., for experimental tests.

Beet, etc., sugar production.

## Tea culture.

**TEA CULTURE:** For all expenses necessary to enable the Secretary of Agriculture to investigate and report on the cost of making tea and the best method of cultivating and preparing the same for market, so as to demonstrate whether it is practicable to introduce its culture in the Southern States as a profitable industry, five thousand dollars, of which amount two thousand five hundred dollars shall be immediately available.

Bureau of Animal Industry.  
Vol. 23, p. 31.

Vol. 26, p. 414.

Vol. 26, p. 1089.

Inspection of cattle.

*Provision.*  
Live horses.

Waiver of certificate with beef, etc.

Preventing diseases among animals.

Purchase, etc., of diseased animals.

Bethesda, Md., station.

Foreign markets for farm products, etc.

Laboratory.

Leaves of absence outside employees.

**SALARIES AND EXPENSES, BUREAU OF ANIMAL INDUSTRY:** For carrying out the provisions of an Act of May twenty-ninth, eighteen hundred and eighty-four, establishing the Bureau of Animal Industry, and the Act of August thirtieth, eighteen hundred and ninety, providing for an inspection of meats and animals, and also the provisions of the Act of March third, eighteen hundred and ninety-one, providing for the inspection of live cattle, hogs, and the carcasses and products thereof which are the subjects of interstate and foreign commerce, and for other purposes: *Provided*, That live horses and the products and carcasses thereof be entitled to the same inspection as other animals, carcasses, and products thereof herein named: *Provided further*, That the Secretary of Agriculture may in his discretion waive the requirement of a certificate with beef and other products, which are exported to countries that do not require such inspection, one million dollars; and the Secretary of Agriculture is hereby authorized to use any part of this sum he may deem necessary or expedient, in such manner as he may think best, in the collection of information concerning live stock, dairy, and other animal products, and to prevent the spread of pleuropneumonia, blackleg, tuberculosis, sheep scab, glanders or farcy, hog cholera, and other diseases of animals, and for this purpose to employ as many persons as he may deem necessary, and to expend any part of this sum in the purchase and destruction of diseased or exposed animals and the quarantine of the same whenever in his judgment it is essential to prevent the spread of pleuropneumonia, tuberculosis, or other diseases of animals from one State to another, for improving and maintaining the Bureau Experiment Station, at Bethesda, Maryland; for printing and publishing such reports relating to animal industry as he may direct; and the Secretary of Agriculture may use so much of this sum as he deems necessary for promoting the extension and development of foreign markets for dairy and other farm products of the United States, and for suitable transportation of the same; and such products may be bought in open market and disposed of at the discretion of the Secretary of Agriculture, and he is authorized to apply the moneys received from the sales of such products toward the continuation and repetition of such experimental exports; and the Secretary is hereby authorized to rent a suitable building in the District of Columbia, at an annual rental not exceeding one thousand eight hundred dollars, to be used as a laboratory for said Bureau of Animal Industry, and the employees of the Bureau of Animal Industry outside of the city of Washington may hereafter, in the discretion of the Secretary of Agriculture, be granted leaves of absence not to exceed fifteen days in any one year.

Total miscellaneous, Department of Agriculture.

Weather Bureau.

## WEATHER BUREAU.

Pay of chief, professors, clerks, etc.

**SALARIES OF THE WEATHER BUREAU:** Office of Chief of Weather Bureau: One Chief of Bureau, five thousand dollars; two professors of meteorology, at three thousand dollars each, for service in the city of Washington or elsewhere, as the exigencies of the Bureau may demand, six thousand dollars; three professors of meteorology, at two thousand five hundred dollars each, for service in the city of Washington or elsewhere, as the exigencies of the Bureau may demand, seven thousand

five hundred dollars; three forecast officials, at two thousand dollars each, for service in the city of Washington or elsewhere, as the exigencies of the Bureau may demand, six thousand dollars; one chief clerk, two thousand two hundred and fifty dollars; three chiefs of divisions, at two thousand dollars each, six thousand dollars; three clerks of class four, five thousand four hundred dollars; one chief of Division of Supplies, one thousand eight hundred dollars; five clerks of class three, eight thousand dollars; seventeen clerks of class two, twenty-three thousand eight hundred dollars; twenty-five clerks of class one, thirty thousand dollars; fourteen clerks, at one thousand dollars each, fourteen thousand dollars; one telegraph operator, in the city of Washington or elsewhere, as the exigencies of the Bureau may demand, one thousand dollars; five clerks, at nine hundred dollars each, four thousand five hundred dollars; four copyists or typewriters, at eight hundred and forty dollars each, three thousand three hundred and sixty dollars; two copyists or typewriters, at seven hundred and twenty dollars each, one thousand four hundred and forty dollars; one chief mechanic, one thousand four hundred dollars; one captain of the watch, one thousand dollars; one engineer, one thousand dollars; one battery man, eight hundred and forty dollars; four skilled artisans, at eight hundred and forty dollars each, three thousand three hundred and sixty dollars; two skilled mechanics, at one thousand dollars each, two thousand dollars; three messengers, at seven hundred and twenty dollars each, two thousand one hundred and sixty dollars; two firemen, at seven hundred and twenty dollars each, one thousand four hundred and forty dollars; three watchmen, at seven hundred and twenty dollars each, two thousand one hundred and sixty dollars; one carpenter, eight hundred and forty dollars; five laborers, at six hundred and sixty dollars each, three thousand three hundred dollars; eight messengers or laborers, at six hundred dollars each, four thousand eight hundred dollars; five messengers or laborers, at four hundred and fifty dollars each, two thousand two hundred and fifty dollars; three charwomen, at two hundred and forty dollars each, seven hundred and twenty dollars; in all, one hundred and fifty-three thousand three hundred and twenty dollars.

**FUEL, LIGHTS, AND REPAIRS, WEATHER BUREAU:** For fuel, lights, repairs, pay of firemen, watchmen, messengers, and other labor, and other expenses for the care and preservation of the public buildings and grounds of the Weather Bureau, nine thousand dollars.

Fuel, lights, and repairs.

**CONTINGENT EXPENSES, WEATHER BUREAU:** For stationery, blank books, necessary scientific and other publications; furniture, and repairs to same; freight, express charges; subsistence, care, and purchase of horses, for official purposes only; repairs of harness; advertising, dry goods, twine, mats, oils, paints, glass, lumber, hardware, ice, washing towels, and other miscellaneous supplies and expenses not otherwise provided for and necessary for the practical and efficient work of the Weather Bureau, eight thousand dollars.

Contingent expenses.

**GENERAL EXPENSES, WEATHER BUREAU:** General expenses of the Weather Bureau, under the direction of the Secretary of Agriculture, for the benefit of agriculture, commerce, navigation, and other interests, as provided by law, namely:

General expenses.

Salary of one inspector, not to exceed two thousand dollars. Thirty local forecast officials, section directors, observers, operators, repair men, messengers, boy messengers, laborers, and other necessary employees, outside of the city of Washington, who, without additional expense to the Government, may hereafter, in the discretion of the Secretary of Agriculture, be granted such leaves of absence as are now authorized to employees in the office of the Chief of the Weather Bureau, not to exceed thirty days in any one year, three hundred and eighty-eight thousand five hundred dollars.

—inspectors, observers, etc.

Itemized expenses.

All other expenses, itemized as follows: Maps, bulletins, stationery, and scientific and other publications for stations; and the maintenance of a printing office in the District of Columbia for printing the necessary circulars, weather maps, bulletins, and monthly weather reviews (including the hire of printers, lithographers, and other necessary working force); for traveling expenses; for freight and express charges; for instruments and shelters therefor; for telegraphing or telephoning reports and messages, the rates to be fixed by the Secretary of Agriculture, by agreement with the companies performing the services; for rents and other incidental expenses of offices maintained as stations of observation; for maintenance and repair of seacoast telegraph lines; for river observations and reports; for storm and other signals; for cotton-region observations and reports; for corn and wheat observations and reports; for aerial observations and reports; for supplies for climate and crop services, and for investigations on climatology, including assistance and all necessary expenses, four hundred and thirty-nine thousand five hundred dollars.

West Indies stations.

For maintaining the Weather Bureau stations already established by the Secretary of Agriculture, or to be established by the Secretary of Agriculture, in the West Indies or on adjacent coasts, and for establishing and equipping meteorological stations in the Hawaiian Islands; for taking daily observations of meteorological phenomena; for collecting reports thereof by cable and otherwise; for disseminating information based thereon of the approach of tropical hurricanes and other storms, and for collecting and publishing such climatological data as may be of public benefit, including salaries of one professor of meteorology, at not exceeding three thousand dollars; one forecast official, at not exceeding two thousand dollars; section directors, observers, and other necessary employees (all for duty at the places named in this Act or at such points in the United States as the exigencies of the weather service may require); rents of offices; stationery, furniture, and instrumental supplies; traveling expenses; freight and express charges; cablegrams and telegrams, and all other necessary expenses, sixty thousand dollars.

Hawaiian Islands.

Destruction of old telegrams authorized.

That hereafter all telegrams pertaining to the business of the Weather Bureau may be destroyed after they are three years old, and the accounts based thereon have been settled by the Treasury Department; and the present accumulation of these old telegrams may be destroyed.

Settlement of accounts for disbursements from former appropriations, etc.

The accounting officers are hereby directed to settle all accounts for disbursements from former appropriations for the Department of Agriculture on account of salaries and services according to the terms and conditions of this Act, except that no increase of compensation herein provided shall be allowed for the current and prior fiscal years.

Approved, May 25, 1900.

May 25, 1900.

**CHAP. 556.**—An Act Providing for the transfer to Post Thirty-nine, Grand Army of the Republic, at Lawrence, Massachusetts, of certain guns now in possession of Battery C, Massachusetts Volunteer Militia.

Transfer to Post 39, G. A. R., Lawrence, Mass., of certain guns authorized.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That the Secretary of War is hereby authorized, under such conditions as he may see fit, to transfer to Post Thirty-nine, Grand Army of the Republic, at Lawrence, Massachusetts, four three-inch muzzle-loading field guns with carriages and limbers, now in possession of Battery C, Massachusetts Volunteer Militia.

Approved, May 25, 1900.