

case be deemed<sup>1</sup> advisable, having due regard to the varying conditions and needs of Puerto Rico, the respective States, and Territories. In effectuating the purposes of this section, maximum use shall be made of existing research facilities owned or controlled by the Federal Government or by State agricultural experiment stations and of the facilities of the Federal and State extension services. Research authorized under this section shall be in addition to research provided for under existing law (but both activities shall be coordinated so far as practicable). For purposes of this title,<sup>2</sup> the term "solar energy" means energy derived from sources (other than fossil fuels) and technologies included in the Federal Non-Nuclear<sup>3</sup> Energy Research and Development Act of 1974, as amended [42 U.S.C. 5901 et seq.].

(June 29, 1935, ch. 338, title I, §1, 49 Stat. 436; Aug. 14, 1946, ch. 966, title I, §101(1), 60 Stat. 1082; Pub. L. 95-113, title XIV, §1446, Sept. 29, 1977, 91 Stat. 1011; Pub. L. 96-294, title II, §253, June 30, 1980, 94 Stat. 707.)

#### REFERENCES IN TEXT

This title, referred to in text, means title I of act June 29, 1935, ch. 338, 49 Stat. 436. For complete classification of this Act to the Code, see Short Title of 1935 Amendment note set out under section 3101 of this title and Tables.

The Federal Nonnuclear Energy Research and Development Act of 1974, as amended, referred to in text, is Pub. L. 93-577, Dec. 31, 1974, 88 Stat. 1878, as amended, which is classified generally to chapter 74 (§5901 et seq.) of Title 42, The Public Health and Welfare. For complete classification of this Act to the Code, see Short Title note set out under section 5901 of Title 42 and Tables.

#### CODIFICATION

Section was formerly classified to section 427 of this title prior to editorial reclassification and renumbering as this section.

Section was enacted as part of act June 29, 1935, ch. 338, popularly known as the "Agricultural Research Act" and also as the "Bankhead-Jones Act", and not as part of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 which comprises this chapter.

Another section 1446 of Pub. L. 95-113 is classified to section 3222a of this title.

#### AMENDMENTS

1980—Pub. L. 96-294 inserted provisions relating to applied research to develop agricultural, forestry, and rural energy conservation and biomass energy production and use.

1977—Pub. L. 95-113 inserted reference to research and development relating to uses of solar energy with respect to farm buildings, farm homes, and farm machinery (including equipment used to dry and cure crops and provide irrigation) and inserted definition of "solar energy".

1946—Act Aug. 14, 1946, amended section generally to provide for a greatly augmented research program in order to enable agriculture to attain a position in research comparable to that of other industries.

#### EFFECTIVE DATE OF 1977 AMENDMENT

Amendment by Pub. L. 95-113 effective Oct. 1, 1977, see section 1901 of Pub. L. 95-113, set out as a note under section 1307 of this title.

<sup>1</sup> So in original. Probably should be "deemed".

<sup>2</sup> See References in Text note below.

<sup>3</sup> So in original. Probably should be "Nonnuclear".

#### TRANSFER OF FUNCTIONS

Functions of all officers, agencies, and employees of Department of Agriculture transferred, with certain exceptions, to Secretary of Agriculture by 1953 Reorg. Plan No. 2, §1, eff. June 4, 1953, 18 F.R. 3219, 67 Stat. 633, set out as a note under section 2201 of this title.

#### EX. ORD. NO. 9310. TRANSFERRING NUTRITION FUNCTIONS OF OFFICE OF DEFENSE HEALTH AND WELFARE SERVICES TO DEPARTMENT OF AGRICULTURE

Ex. Ord. No. 9310, Mar. 6, 1943, 8 F.R. 2913, provided: By virtue of the authority vested in me by Title I of the First War Powers Act, 1941 [former sections 601 to 605 of the former Appendix to Title 50], as President of the United States, and in order to enable the Secretary of Agriculture more effectively to carry out his responsibilities with respect to the Nation's food program, it is hereby ordered:

1. The functions, powers, and duties, with respect to nutrition, (a) of the Office of Defense Health and Welfare Services in the Office for Emergency Management of the Executive Office of the President (including all functions, powers, and duties of the Nutrition Division of the Office of Defense Health and Welfare Services), and (b) of the Director of the Office of Defense Health and Welfare Services, are transferred to the Department of Agriculture and shall be administered under the supervision and direction of the Secretary of Agriculture through such agency or agencies in the Department as the Secretary shall designate.

2. The personnel, property, and records used primarily in the administration of the functions, powers, and duties transferred by this Order are transferred to the Department of Agriculture. So much of the unexpended balances of appropriations, allocations, and other funds available for the use of the Office of Defense Health and Welfare Services in discharging the functions, powers, and duties transferred by this Order, as the Director of the Bureau of the Budget shall determine, shall be transferred to the Department of Agriculture for use in connection with the exercise of the functions, powers, and duties so transferred. In determining the amounts to be transferred hereunder, allowance shall be made for the liquidation of obligations previously incurred against such appropriations, allocations, or other funds.

FRANKLIN D. ROOSEVELT.

#### §3105. Agricultural research; authorization of additional appropriations; administrative expenses; availability of special research fund

(a) In order to carry out further research on utilization and associated problems in connection with the development and application of present, new, and extended uses of agricultural commodities and products thereof authorized by section 3104 of this title, and to disseminate information relative thereto, and in addition to all other appropriations authorized by this title,<sup>1</sup> there is authorized to be appropriated the following sums:

(1) \$3,000,000 for the fiscal year ending June 30, 1947, and each subsequent fiscal year.

(2) An additional \$3,000,000 for the fiscal year ending June 30, 1948, and each subsequent fiscal year.

(3) An additional \$3,000,000 for the fiscal year ending June 30, 1949, and each subsequent fiscal year.

(4) An additional \$3,000,000 for the fiscal year ending June 30, 1950, and each subsequent fiscal year.

(5) An additional \$3,000,000 for the fiscal year ending June 30, 1951, and each subsequent fiscal year.

<sup>1</sup> See References in Text note below.

(6) In addition to the foregoing, such additional funds beginning with the fiscal year ending June 30, 1952, and thereafter, as the Congress may deem necessary.

The Secretary of Agriculture, in accordance with such regulations as he deems necessary, and when in his judgment the work to be performed will be carried out more effectively, more rapidly, or at less cost than if performed by the Department of Agriculture, may enter into contracts with such public or private organizations or individuals as he may find qualified to carry on work under this section without regard to the provisions of section 6101 of title 41, and with respect to such contracts he may make advance progress or other payments without regard to the provisions of section 3324(a) and (b) of title 31. Contracts under this section may be made for work to continue not more than four years from the date of any such contract. Notwithstanding the provisions of section 5 of the Act of June 20, 1874, as amended (31 U.S.C. 713),<sup>1</sup> any unexpended balances of appropriations properly obligated by contracting with an organization as provided in this subsection may remain upon the books of the Treasury for not more than five fiscal years before being carried to the surplus fund and covered into the Treasury. Research authorized under this subsection shall be conducted so far as practicable at laboratories of the Department of Agriculture. Projects conducted under contract with public and private agencies shall be supplemental to and coordinated with research of these laboratories. Any contracts made pursuant to this authority shall contain requirements making the results of research and investigations available to the public through dedication, assignment to the Government, or such other means as the Secretary shall determine.

(b) In order to carry out further the purposes of section 3104 of this title, other than research on utilization of agricultural commodities and the products thereof, and in addition to all other appropriations authorized by this title,<sup>1</sup> there is authorized to be appropriated for cooperative research with the State agricultural experiment stations and such other appropriate agencies as may be mutually agreeable to the Department of Agriculture and the experiment stations concerned, the following sums:

(1) \$1,500,000 for the fiscal year ending June 30, 1947, and each subsequent fiscal year.

(2) An additional \$1,500,000 for the fiscal year ending June 30, 1948, and each subsequent fiscal year.

(3) An additional \$1,500,000 for the fiscal year ending June 30, 1949, and each subsequent fiscal year.

(4) An additional \$1,500,000 for the fiscal year ending June 30, 1950, and each subsequent fiscal year.

(5) In addition to the foregoing such additional funds beginning with the fiscal year ending June 30, 1951, and thereafter, as the Congress may deem necessary.

(c) The Secretary may incur necessary administrative expenses not to exceed 3 per centum of the amount appropriated in any fiscal year in carrying out this section, including the specific

objects of expense enumerated in section 427b<sup>1</sup> of this title.

(d) The "Special research fund, Department of Agriculture," provided by section 427c<sup>1</sup> of this title, shall continue to be available solely for research into laws and principles underlying basic problems of agriculture in its broadest aspects; research relating to the improvement of the quality of, and the development of, new and improved methods of production of, distribution of, and new and extended uses and markets for, agricultural commodities and byproducts and manufactures thereof; and research relating to the conservation, development, and use of land and water resources for agricultural purposes. Such research shall be in addition to research provided for under other law (but both activities shall be coordinated so far as practicable) and shall be conducted by such agencies of the Department of Agriculture as the Secretary of Agriculture may designate or establish.

(e) Appropriations for research work in the Department of Agriculture shall be available for accomplishing such purposes by contract through the means provided in subsection (a) of this section.

(June 29, 1935, ch. 338, title I, § 10, as added Aug. 14, 1946, ch. 966, title I, § 101(2), 60 Stat. 1085; amended July 28, 1954, ch. 591, 68 Stat. 574.)

#### REFERENCES IN TEXT

This title, referred to in subsecs. (a) and (b), means title I of act June 29, 1935, ch. 338, 49 Stat. 436. For complete classification of this Act to the Code, see Short Title of 1935 Amendment note set out under section 3101 of this title and Tables.

Section 5 of the Act of June 20, 1874, as amended (31 U.S.C. 713), referred to in subsec. (a), was repealed by act July 6, 1949, ch. 299, § 3, 63 Stat. 407.

Section 427b of this title, referred to in subsec. (c), was repealed by act Aug. 11, 1955, ch. 790, § 2, 69 Stat. 674.

Section 427c of this title, referred to in subsec. (d), was repealed by act Aug. 11, 1955, ch. 790, § 2, 69 Stat. 674.

#### CODIFICATION

Section was formerly classified to section 427i of this title prior to editorial reclassification and renumbering as this section.

Section was enacted as part of act June 29, 1935, ch. 338, popularly known as the "Agricultural Research Act" and also as the "Bankhead-Jones Act", and not as part of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 which comprises this chapter.

In subsec. (a), "section 6101 of title 41" substituted for "section 3709, Revised Statutes" on authority of Pub. L. 111-350, § 6(c), Jan. 4, 2011, 124 Stat. 3854, which Act enacted Title 41, Public Contracts.

In subsec. (a), "section 3324(a) and (b) of title 31" substituted for "section 3648, Revised Statutes [31 U.S.C. 529]" on authority of Pub. L. 97-258, § 4(b), Sept. 13, 1982, 96 Stat. 1067, the first section of which enacted Title 31, Money and Finance.

#### AMENDMENTS

1954—Subsec. (e). Act July 23, 1954, added subsec. (e).

#### TRANSFER OF FUNCTIONS

Functions of all officers, agencies, and employees of Department of Agriculture transferred, with certain exceptions, to Secretary of Agriculture by 1953 Reorg. Plan No. 2, § 1, eff. June 4, 1953, 18 F.R. 3219, 67 Stat. 633, set out as a note under section 2201 of this title.

SUBCHAPTER II—COORDINATION AND PLANNING OF AGRICULTURAL RESEARCH, EXTENSION, AND TEACHING

**§ 3121. Responsibilities of Secretary and Department of Agriculture**

The Department of Agriculture is designated as the lead agency of the Federal Government for agricultural research (except with respect to the biomedical aspects of human nutrition concerned with diagnosis or treatment of disease), extension, and teaching in the food and agricultural sciences, and the Secretary, in carrying out the Secretary's responsibilities, shall—

(1) establish jointly with the Secretary of Health and Human Services procedures for coordination with respect to nutrition research in areas of mutual interest;

(2) keep informed of developments in, and the Nation's need for, research, extension, teaching, and manpower development in the food and agricultural sciences and represent such need in deliberations within the Department of Agriculture, elsewhere within the executive branch of the United States Government, and with the several States and their designated land-grant colleges and universities, other colleges and universities, agricultural and related industries, and other interested institutions and groups;

(3) coordinate all agricultural research, extension, and teaching activity conducted or financed by the Department of Agriculture and, to the maximum extent practicable, by other agencies of the executive branch of the United States Government;

(4) take the initiative in establishing coordination of State-Federal cooperative agricultural research, extension, and teaching programs, funded in whole or in part by the Department of Agriculture in each State, through the administrative heads of land-grant colleges and universities and the State directors of agricultural experiment stations and cooperative extension services, and other appropriate program administrators;

(5) consult the Advisory Board and appropriate advisory committees of the Department of Agriculture in the formulation of basic policies, goals, strategies, and priorities for programs of agricultural research, extension, and teaching;

(6) report (as a part of the Department of Agriculture's annual budget submissions) to the House Committee on Agriculture, the House Committee on Appropriations, the Senate Committee on Agriculture, Nutrition, and Forestry, and the Senate Committee on Appropriations actions taken or proposed to support the recommendations of the Advisory Board;

(7) establish appropriate review procedures to assure that agricultural research projects are timely and properly reported and published and that there is no unnecessary duplication of effort or overlapping between agricultural research units;

(8) establish Federal or cooperative multidisciplinary research teams on major agricultural research problems with clearly defined leadership, budget responsibility, and research programs;

(9) in order to promote the coordination of agricultural research of the Department of Agriculture, conduct a continuing inventory of ongoing and completed research projects being conducted within or funded by the Department;

(10) coordinate all agricultural research, extension, and teaching activities conducted or financed by the Department of Agriculture with the periodic renewable resource assessment and program provided for in sections 1601 and 1602 of title 16 and the appraisal and program provided for in sections 2004 and 2005 of title 16;

(11) coordinate the efforts of States, State cooperative institutions, State extension services, the Advisory Board, and other appropriate institutions in assessing the current status of, and developing a plan for, the effective transfer of new technologies, including biotechnology, to the farming community, with particular emphasis on addressing the unique problems of small- and medium-sized farms in gaining information about those technologies; and

(12) establish appropriate controls with respect to the development and use of the application of biotechnology to agriculture.

(Pub. L. 95-113, title XIV, § 1405, Sept. 29, 1977, 91 Stat. 985; Pub. L. 97-98, title XIV, § 1405, Dec. 22, 1981, 95 Stat. 1298; Pub. L. 99-198, title XIV, § 1404, Dec. 23, 1985, 99 Stat. 1544; Pub. L. 101-624, title XVI, § 1605(b)(3), Nov. 28, 1990, 104 Stat. 3714; Pub. L. 104-127, title VIII, §§ 852(b)(1), 853(b)(2), Apr. 4, 1996, 110 Stat. 1171, 1172.)

AMENDMENTS

1996—Par. (5). Pub. L. 104-127, § 852(b)(1)(A), substituted "Advisory Board" for "Joint Council, Advisory Board,".

Par. (11). Pub. L. 104-127, § 852(b)(1)(B), struck out "the Joint Council," before "the Advisory Board".

Par. (12). Pub. L. 104-127, § 853(b)(2), struck out ", after coordination with the Technology Board," after "establish".

1990—Par. (12). Pub. L. 101-624 inserted ", after coordination with the Technology Board," after "establish".

1985—Pars. (11), (12). Pub. L. 99-198 added pars. (11) and (12) and struck out former par. (11) which required the Secretary to "take the initiative in overcoming barriers to long-range planning by developing, in conjunction with the States, State cooperative institutions, the Joint Council, the Advisory Board, and other appropriate institutions, a long-term needs assessment for food, fiber, and forest products, and by determining the research requirements necessary to meet the identified needs."

1981—Par. (1). Pub. L. 97-98, § 1405(1), substituted "Secretary of Health and Human Services" for "Secretary of Health, Education, and Welfare".

Par. (5). Pub. L. 97-98, § 1405(2), substituted "and appropriate advisory" for "and other appropriate advisory".

Par. (6). Pub. L. 97-98, § 1405(3), inserted "or proposed".

Pars. (10), (11). Pub. L. 97-98, § 1405(4)-(6), added pars. (10) and (11).

EFFECTIVE DATE OF 1981 AMENDMENT

Amendment by Pub. L. 97-98 effective Dec. 22, 1981, see section 1801 of Pub. L. 97-98, set out as an Effective Date note under section 4301 of this title.