

**§ 427. Agriculture research; declaration of policy; duties of Secretary of Agriculture; use of existing facilities**

It is declared to be the policy of the Congress to promote the efficient production and utilization of products of the soil as essential to the health and welfare of our people and to promote a sound and prosperous agriculture and rural life as indispensable to the maintenance of maximum employment and national prosperity. It is also the intent of Congress to assure agriculture a position in research equal to that of industry which will aid in maintaining an equitable balance between agriculture and other sections of our economy. For the attainment of these objectives, the Secretary of Agriculture is authorized and directed to conduct and to stimulate research into the laws and principles underlying the basic problems of agriculture in its broadest aspects, including but not limited to: Research relating to the improvement of the quality of, and the development of new and improved methods of the production, marketing, distribution, processing, and utilization of plant and animal commodities at all stages from the original producer through to the ultimate consumer; research into the problems of human nutrition and the nutritive value of agricultural commodities, with particular reference to their content of vitamins, minerals, amino and fatty acids, and all other constituents that may be found necessary for the health of the consumer and to the gains or losses in nutritive value that may take place at any stage in their production, distribution, processing, and preparation for use by the consumer; research relating to the development of present, new, and extended uses and markets for agricultural commodities and byproducts as food or in commerce, manufacture, or trade, both at home and abroad, with particular reference to those foods and fibers for which our capacity to produce exceeds or may exceed existing economic demand; research to encourage the discovery, introduction, and breeding of new and useful agricultural crops, plants, and animals, both foreign and native, particularly for those crops and plants which may be adapted to utilization in chemical and manufacturing industries; research relating to new and more profitable uses for our resources of agricultural manpower, soils, plants, animals, and equipment than those to which they are now, or may hereafter be, devoted; research relating to the conservation, development, and use of land, forest, and water resources for agricultural purposes; research relating to the design, development, and the more efficient and satisfactory use of farm buildings, farm homes, farm machinery, including the application of electricity and other forms of power; 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); applied research to develop agricultural, forestry, and rural energy conservation and biomass energy production and use; research relating to the diversification of farm enterprises, both as to the type of commodities produced, and as to the type of operations performed, on the individual farm; re-

search relating to any other laws and principles that may contribute to the establishment and maintenance of a permanent and effective agricultural industry including such investigations as have for their purpose the development and improvement of the rural home and rural life, and the maximum contribution by agriculture to the welfare of the consumer and the maintenance of maximum employment and national prosperity; and such other researches or experiments bearing on the agricultural industry or on rural homes of the United States as may in each 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 sections 427 to 427j of this title, the term "solar energy" means energy derived from sources (other than fossil fuels) and technologies included in the Federal Non-Nuclear<sup>2</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

Sections 427a to 427h and 427j of this title, referred to in text, were repealed by act Aug. 11, 1955, ch. 790, §2, 69 Stat. 674. See sections 361a to 361i of this title.

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

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> So in original. Probably should be "Nonnuclear".

## SHORT TITLE

Act June 29, 1935, as amended, which enacted sections 329, 343, 343d-1, and 427-427j of this title, is popularly known as the "Agricultural Research Act" and also as the "Bankhead-Jones Act".

## 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.

## MINIMUM SUM FOR CONTRACTING

Minimum of \$1,500,000 of appropriations of Department of Agriculture for research and service work authorized by this section and section 1621 et seq. of this title as available for contracting in accordance therewith, see section 1623a 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 Appendix to Title 50, War and National Defense], 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.

## SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 361a, 427i, 1623a, 1629, 3152 of this title; title 42 section 8852.

**§§ 427a to 427h. Repealed. Aug. 11, 1955, ch. 790, § 2, 69 Stat. 674**

Sections 427a to 427c, act June 29, 1935, ch. 338, title I, §§ 2-4, 49 Stat. 437, authorized research by experiment stations, appropriations, and allocation of appropriations. See sections 361a to 361c of this title.

Section 427d, acts June 29, 1935, ch. 338, title I, § 5, 49 Stat. 437; Sept. 21, 1944, ch. 412, title I, § 105, 58 Stat. 735, related to allocation of appropriations. See section 361c of this title.

Sections 427e to 427g, act June 29, 1935, ch. 338, title I, §§ 6-8, 49 Stat. 438, defined "Territory", authorized

Secretary of Agriculture to prescribe rules and regulations, and reserved the right to Congress to amend, suspend, or repeal act June 29, 1935. See sections 361a, 361g, and 361i, respectively, of this title.

Section 427h, act June 29, 1935, ch. 338, title I, § 9, as added Aug. 14, 1946, ch. 966, title I, § 101(2), 60 Stat. 1083, authorized appropriations for agricultural experiment stations, provided for availability of funds and unexpended balances, and prescribed allotments for the experiment stations. See sections 361c, 361d, and 361g of this title.

## EXISTING RIGHTS AND LIABILITIES

Any rights or liabilities existing under sections 427a to 427h as unaffected by repeal, see section 2 of act Aug. 11, 1955, set out as a note under former section 361 of this title.

**§ 427i. 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 427 of this title, and to disseminate information relative thereto, and in addition to all other appropriations authorized by sections 427 to 427j of this title, 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.

(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 5 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), 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