

nomics, and rural energy and subjects relating thereto to persons not attending or resident in said colleges in the several communities, and imparting information on said subjects through demonstrations, publications, and otherwise and for the necessary printing and distribution of information in connection with the foregoing; and this work shall be carried on in such manner as may be mutually agreed upon by the Secretary of Agriculture and the State agricultural college or colleges or Territory or possession receiving the benefits of this subchapter.

(As amended Sept. 29, 1977, Pub. L. 95-113, title XIV, § 1447(3), 91 Stat. 1011; June 30, 1980, Pub. L. 96-294, title II, § 256(2), 94 Stat. 708.)

#### AMENDMENTS

1980—Pub. L. 96-294 added reference to rural energy.

1977—Pub. L. 95-113 added reference to uses of solar energy with respect to agriculture.

#### 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 an Effective Date of 1977 Amendment note under section 1307 of this title.

#### SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 347a of this title; title 42 section 8852.

§ 343. Appropriations; distribution; allotment and apportionment; Federal Extension Service

*[See main edition for text of (a) to (d)]*

(e) Insofar as the provisions of subsections (b) and (c) of this section, which require or permit Congress to require matching of Federal funds, apply to the Virgin Islands of the United States and Guam, such provisions shall be deemed to have been satisfied, for the fiscal years ending September 30, 1978, and September 30, 1979, only, if the amounts budgeted and available for expenditure by the Virgin Islands of the United States and Guam in such years equal the amounts budgeted and available for expenditure by the Virgin Islands of the United States and Guam in the fiscal year ending September 30, 1977.

(As amended Sept. 29, 1977, Pub. L. 95-113, title XIV, § 1465, 91 Stat. 1018.)

#### AMENDMENTS

1977—Subsec. (e). Pub. L. 95-113 added subsec. (e).

#### 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 an Effective Date of 1977 Amendment note under section 1307 of this title.

#### SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 3175, 3221 of this title.

### CHAPTER 14—AGRICULTURAL EXPERIMENT STATIONS

#### SUBCHAPTER I—GENERAL PROVISIONS

##### ACT REFERRED TO IN OTHER SECTIONS

Sections 361a to 361i, commonly known as the Hatch Act of 1887, are referred to in sections 384, 390b, 418,

450i, 2242, 3103, 3124a, 3311 of this title; title 16 section 582a-1; title 40 section 483.

§ 361c. Authorization of appropriations and allotments of grants

*[See main edition for text of (a) and (b)]*

(c) Allotment of additional sums

Any sums made available by the Congress in addition to those provided for in subsection (b) of this section for State agricultural experiment station work shall be distributed as follows:

*[See main edition for text of 1 to 3]*

4. Repealed. Pub. L. 95-113, title XIV, § 1466(a), Sept. 29, 1977, 91 Stat. 1018.

5. Three per centum shall be available to the Secretary of Agriculture for administration of sections 361a to 361i of this title. These administrative funds may be used for transportation of scientists who are not officers or employees of the United States to research meetings convened for the purpose of assessing research opportunities or research planning.

*[See main edition for text of (d) to (f)]*

(g) Reductions and reapportionments

If in any year the amount made available by a State from its own funds (including any revenue-sharing funds) to a State agricultural experiment station is reduced because of an increase in the allotment made available under sections 361a to 361i of this title, the allotment to the State agricultural experiment station from the appropriation in the next succeeding fiscal year shall be reduced in an equivalent amount. The Secretary shall reapportion the amount of such reduction to other States for use by their agricultural experiment stations.

(As amended Sept. 29, 1977, Pub. L. 95-113, title XIV, § 1466, 91 Stat. 1018; Dec. 22, 1981, Pub. L. 97-98, title XIV, § 1442(a), 95 Stat. 1321.)

#### AMENDMENTS

1981—Subsec. (g). Pub. L. 97-98 added subsec. (g).

1977—Subsec. (c)(4). Pub. L. 95-113, § 1466(a), struck out par. (4) which had provided that not less than 20 per centum of any sums appropriated pursuant to subsec. (c) for distribution to States be used for conducting marketing research projects approved by the Department of Agriculture.

Subsec. (c)(5). Pub. L. 95-113, § 1466(b), added provision authorizing the use of administrative funds for the transportation of scientists who are not officers or employees of the United States to research meetings convened for the purpose of assessing research opportunities or research planning.

#### EFFECTIVE DATE OF 1981 AMENDMENT

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

#### 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 an Effective Date of 1977 Amendment note under section 1307 of this title.

## SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 361e, 390c, 3222 of this title.

## SUBCHAPTER III—RESEARCH FACILITIES

## § 390. Congressional declaration of policy

It is declared to be the policy of the Congress to continue its support of agricultural research at eligible institutions through Federal-grant funds, to help finance physical facilities as required for the effective conduct of an adequate research program.

(As amended Pub. L. 95-113, title XIV, § 1416(3), Sept. 29, 1977, 91 Stat. 996.)

## AMENDMENTS

1977—Pub. L. 95-113 substituted "eligible institutions" for "the State agricultural experiment stations" and struck out "on a matching basis," following "Federal-grant funds".

## 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 an Effective Date of 1977 Amendment note under section 1307 of this title.

## SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 3311 of this title.

## § 390a. Congressional declaration of purpose

The purpose of this subchapter is to assist eligible institutions in the construction, acquisition, and remodeling of buildings, laboratories, and other capital facilities (including the acquisition of fixtures and equipment which are to become a part of such buildings) which are necessary to more effectively conduct research in agriculture and sciences related thereto through means of grants from the Federal Government.

(As amended Pub. L. 95-113, title XIV, § 1416(3), Sept. 29, 1977, 91 Stat. 996.)

## AMENDMENTS

1977—Pub. L. 95-113 substituted "eligible institutions" for "the State agricultural experiment stations".

## 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 an Effective Date of 1977 Amendment note under section 1307 of this title.

## SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 390b, 390c of this title.

## § 390b. Definitions

As used in sections 390a to 390j, inclusive, of this title—

[See main edition for text of (1)]

(2) the term "eligible institution" means a department established under provisions of the Act of March 2, 1887 (24 Stat. 440-442, as amended; 7 U.S.C. 361a-361l), and under the

direction of a college or university established in any State in accordance with the Act of July 2, 1862 (12 Stat. 503-505, as amended; 7 U.S.C. 301-305, 307 and 308), a department otherwise established pursuant to standards prescribed by any State the purpose of which is to conduct agricultural research, the Connecticut Agricultural Experiment Station at New Haven, Connecticut, the Ohio Agricultural Experiment Station at Wooster, Ohio, and those colleges, universities, and other legal entities in each State now receiving, or which may hereafter receive, benefits under the Act of August 30, 1890 (26 Stat. 417-419, as amended; 7 U.S.C. 321-326 and 328), including the Tuskegee Institute, or the Act of October 10, 1962 (76 Stat. 806-807, as amended; 16 U.S.C. 582a, 582a-1—582a-7); and

[See main edition for text of (3)]

(As amended Pub. L. 95-113, title XIV, § 1416(1), Sept. 29, 1977, 91 Stat. 994.)

## REFERENCES IN TEXT

The Act of March 2, 1887 (24 Stat. 440-442, as amended; 7 U.S.C. 361a-361l), referred to in par. (2), is act Mar. 2, 1887, ch. 314, 24 Stat. 440, as amended, popularly known as the Hatch Act of 1887, which is classified generally to sections 361a to 361l of this title. For complete classification of this Act to the Code, see Short Title note set out under section 361a of this title and Tables.

The Act of July 2, 1862 (12 Stat. 503-505, as amended; 7 U.S.C. 301-305, 307 and 308), referred to in par. (2), is act July 2, 1862, ch. 130, 12 Stat. 503, as amended, popularly known as the Morrill Act and also as the First Morrill Act, which is classified generally to subchapter I (§ 301 et seq.) of chapter 13 of this title. For complete classification of this Act to the Code, see Short Title note set out under section 301 of this title and Tables.

The Act of August 30, 1890 (26 Stat. 417-419, as amended; 7 U.S.C. 321-326 and 328), referred to in par. (2), is act Aug. 30, 1890, ch. 841, 26 Stat. 417, as amended, popularly known as the Agricultural College Act of 1890 and also as the Second Morrill Act, which is classified generally to subchapter II (§ 321 et seq.) of chapter 13 of this title. For complete classification of this Act to the Code, see Short Title note set out under section 321 of this title and Tables.

The Act of October 10, 1962 (76 Stat. 806-807, as amended; 16 U.S.C. 582a, 582a-1—582a-7), referred to in par. (2), is Pub. L. 87-788, Oct. 10, 1962, 76 Stat. 806, as amended, known as the McIntire-Stennis Act of 1962, which is classified generally to subchapter III (§ 582a et seq.) of chapter 3 of Title 16, Conservation. For complete classification of this Act to the Code, see Tables.

## AMENDMENTS

1977—Par. (2). Pub. L. 95-113 substituted a definition of "eligible institution" for a definition of "State agricultural experiment station".

## 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 an Effective Date of 1977 Amendment note under section 1307 of this title.

## § 390c. Administration

## (a) Authorization of appropriations

There are authorized to be appropriated for allocation to eligible institutions under this

subchapter to be used for the purpose set out in section 390a of this title, \$15,000,000 for the fiscal year ending September 30, 1978, \$19,000,000 for the fiscal year ending September 30, 1979, \$23,000,000 for the fiscal year ending September 30, 1980, \$27,000,000 for the fiscal year ending September 30, 1981, and \$31,000,000 for each of the fiscal years ending September 30, 1982, September 30, 1983, September 30, 1984, and September 30, 1985, and not in excess of such sums as may after September 29, 1977, be authorized by law for any subsequent fiscal year.

**(b) Apportionment of funds**

(1) The first \$4,000,000 appropriated for research facilities pursuant to this section for any fiscal year shall be apportioned equally among eligible institutions.

(2) Any amount in excess of \$4,000,000 appropriated under this section for any fiscal year shall be apportioned as follows: Each eligible institution shall be entitled to an amount which bears the same ratio to the total amount of funds being allocated in such fiscal year under this paragraph as the amount received by such institution in the preceding fiscal year bears to the total amount received by all eligible institutions in such preceding fiscal year. The amount received by eligible institutions in the preceding fiscal year shall be determined on the basis of funds received under section 361c of this title, section 582a-2 of title 16, and—with respect to institutions receiving benefits under the Act of August 30, 1890 [7 U.S.C. 321 et seq.], including Tuskegee Institute—on the basis of funds received under section 450i of this title, during the fiscal years ending September 30, 1977, and September 30, 1978, and on the basis of funds received under section 3222 of this title in subsequent years.

**(c) Rules and regulations**

It shall be the duty and responsibility of the Secretary to administer the provisions of this subchapter under such rules and regulations as the Secretary may prescribe as necessary therefor.

(As amended Pub. L. 95-113, title XIV, § 1416(2), Sept. 29, 1977, 91 Stat. 994; Pub. L. 97-98, title XIV, § 1416, Dec. 22, 1981, 95 Stat. 1304.)

**REFERENCES IN TEXT**

The Act of August 30, 1890, referred to in subsec. (b)(2), is act Aug. 30, 1890, ch. 841, 26 Stat. 417, as amended, popularly known as the Agricultural College Act of 1890 and also as the Second Morrill Act, which is classified generally to subchapter II (§ 321 et seq.) of chapter 13 of this title. For complete classification of this Act to the Code, see Short Title note set out under section 321 of this title and Tables.

**AMENDMENTS**

1981—Subsec. (a), Pub. L. 97-98 substituted “for each of the fiscal years ending September 30, 1982, September 30, 1983, September 30, 1984, and September 30, 1985” for “for the fiscal year ending September 30, 1982”.

1977—Subsec. (a), Pub. L. 95-113 substituted provisions authorizing the appropriation of specific sums for each fiscal year through the end of the fiscal year ending Sept. 30, 1982, for provisions that had simply

authorized the appropriation of such funds “as the Congress deems advisable”.

Subsec. (b), Pub. L. 95-113 revised the formula under which appropriated funds will be apportioned by replacing a formula which had directed that one-third of the funds be allotted equally among the States, with the remaining two-thirds allotted according to a fixed formula.

Subsec. (c), Pub. L. 95-113 substituted “this subchapter” for “this section” and “as the Secretary may prescribe” for “as he may prescribe”.

**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.

**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 an Effective date of 1977 Amendment note under section 1307 of this title.

**SECTION REFERRED TO IN OTHER SECTIONS**

This section is referred to in sections 390d, 390h of this title.

**§ 390d. Eligibility for payments; facility proposals**

As a condition for receiving funds apportioned under section 390c of this title, each eligible institution shall submit, in such form as the Secretary may require, specific proposals for planning, acquisition, construction, repair, rehabilitation, renovation, or remodeling of buildings, laboratories, and other capital facilities including the acquisition of fixtures and equipment, including scientific instrumentation, which are to become part of such buildings. In a State having more than one eligible institution the Secretary shall devise procedures to insure that the facility proposals of the eligible institutions in such State provide for a coordinated food and agricultural research program among eligible institutions in such State.

(As amended Pub. L. 95-113, title XIV, § 1416(2), Sept. 29, 1977, 91 Stat. 995.)

**AMENDMENTS**

1977—Pub. L. 95-113 added planning, repair, rehabilitation, renovation, and remodeling to the enumeration of activities covered by the specific proposals submitted to the Secretary and added provisions directing the Secretary to devise procedures to be used for the coordination of programs among eligible institutions in States having more than one eligible institution.

**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 an Effective date of 1977 Amendment note under section 1307 of this title.

**§ 390e. Continuing availability of unused allotments**

Any unused portion of the allotment to any eligible institution for any fiscal year shall remain available at the option of such institution for payment to such institution for a period of not more than five fiscal years following the fiscal year in which such allotment is first made available.

(As amended Pub. L. 95-113, title XIV, § 1416(2), Sept. 29, 1977, 91 Stat. 995.)

AMENDMENTS

1977—Pub. L. 95-113 struck out requirement that the States making matching funds available in order to qualify for Federal funds and, in the remaining provisions relating to the continuing availability of unused appropriated funds, substituted "allotment to any eligible institution" for "allotment of any State" and "at the option of such institution for payment to such institution for a period of not more than five fiscal years following" for ", at the option of such State, for payment to such State for a period of not more than two fiscal years following".

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 an Effective date of 1977 Amendment note under section 1307 of this title.

§ 390f. Multiple-purpose physical facilities; fund support basis

With respect to multiple-purpose physical facilities, the segment or portion thereof which is to be utilized for food and agricultural research shall be the basis for determination of fund support under this subchapter.

(As amended Pub. L. 95-113, title XIV, § 1416(2), Sept. 29, 1977, 91 Stat. 995.)

AMENDMENTS

1977—Pub. L. 95-113 added reference to food research.

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 an Effective date of 1977 Amendment note under section 1307 of this title.

§ 390g. Amount of allocation; ascertainment and notification

For each fiscal year that funds are made available for allocation the Secretary shall ascertain, at the earliest practicable date during such year, the amount of the allocation to which each eligible institution is entitled and shall notify each such institution in writing promptly thereafter as to the amount of such allocation.

(As amended Pub. L. 95-113, title XIV, § 1416(2), Sept. 29, 1977, 91 Stat. 995.)

AMENDMENTS

1977—Pub. L. 95-113 substituted references to "eligible institutions" for references to "States".

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 an Effective date of 1977 Amendment note under section 1307 of this title.

§ 390h. Fiscal accountability

(a) Chief administrative officers; fiscal officers; duties, reports

Any eligible institution authorized to receive payments under the provisions of section 390c of this title shall have a chief administrative officer and a duly designated fiscal officer, who

shall be the persons responsible for receipt of payments under the Acts referred to in section 390c(b) of this title, to whom payments can be directed by the Secretary. Such fiscal officer shall receive and account for all funds paid to such institution pursuant to the provisions of this subchapter, and shall submit a report, approved by the chief administrative officer of such institution, to the Secretary on or before the first day of December of each year. Such report shall contain a detailed statement of the amount received under the provisions of this subchapter during the preceding fiscal year, and of its disbursements on schedules prescribed by the Secretary.

(b) Diminution, loss, or misapplication of funds

If any portion of the allotted funds received by the duly authorized fiscal officer of any eligible institution shall by any action or contingency be diminished, lost, or misapplied, it shall be repaid by the institution concerned, and until repaid no part of any subsequent appropriation shall be allocated or paid to such institution.

(As amended Pub. L. 95-113, title XIV, § 1416(2), Sept. 29, 1977, 91 Stat. 995.)

AMENDMENTS

1977—Subsec. (a). Pub. L. 95-113 substituted reference to "eligible institution" for reference to "State agricultural experiment station", struck out directive that the chief administrative officer be known as a director, and substituted reference to a "duly designated fiscal officer" for reference to a "treasurer or other officer appointed by the governing board".

Subsec. (b). Pub. L. 95-113 substituted reference to the "duly authorized fiscal officer of any eligible institution" for reference to the "authorized receiving officer of any State agricultural experiment station" and "repaid by the institution concerned" for "repaid by the State concerned".

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 an Effective date of 1977 Amendment note under section 1307 of this title.

§ 390i. Reports to Congress

The Secretary shall make an annual report to Congress during the first regular session of each year with respect to (1) payments made under this subchapter, (2) the facilities, by institution, for which such payments were made, and (3) whether any portion of the appropriation available for allotment to any of the eligible institutions has been withheld and, if so, the reasons therefor.

(As amended Pub. L. 95-113, title XIV, § 1416(2), Sept. 29, 1977, 91 Stat. 995.)

AMENDMENTS

1977—Pub. L. 95-113 substituted reference to "eligible institution" and "institution" for references to "State" and "States".

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 an Effective date of 1977 Amendment note under section 1307 of this title.

**§ 390j. Availability of appropriated funds for administration**

Three per centum of funds appropriated under this subchapter shall be available to the Secretary for administration of this subchapter.

(As amended Pub. L. 95-113, title XIV, § 1416(2), Sept. 29, 1977, 91 Stat. 995.)

**AMENDMENTS**

1977—Pub. L. 95-113 substituted provisions making available for administration three per centum of appropriated funds for provisions that any agricultural experiment station established by State law be eligible for benefits and that appropriated funds be divided between eligible institutions in any one State.

**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 an Effective date of 1977 Amendment note under section 1307 of this title.

**SECTION REFERRED TO IN OTHER SECTIONS**

This section is referred to in sections 390b, 3311 of this title.

**§ 390k. Repealed.** Pub. L. 95-113, title XIV, § 1416(2), Sept. 29, 1977, 91 Stat. 994

Section, Pub. L. 88-74, § 12, July 22, 1963, 77 Stat. 92, authorized the appropriation of such sums as might be necessary for proper administration this subchapter. See section 390j of this title.

**EFFECTIVE DATE OF REPEAL**

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

**CHAPTER 15—BUREAU OF ANIMAL INDUSTRY****§ 394. Overtime of employees engaged in enforcement of Meat Inspection Act**

The Secretary of Agriculture is authorized, in his discretion, to pay employees of the Bureau of Animal Industry employed in establishments subject to the provisions of the Meat Inspection Act of June 30, 1906, for all overtime work performed at such establishments, at such rates as he may determine, and to accept from such establishments wherein such overtime work is performed reimbursement for any sums paid out by him for such overtime work.

(July 24, 1919, ch. 26, 41 Stat. 241.)

**REFERENCES IN TEXT**

The Act of June 30, 1906, referred to in text is act June 30, 1906, ch. 3913, 34 Stat. 670, which generally made appropriations for the Department of Agriculture for the fiscal year ending June 30, 1907. The meat inspection provisions of that Act were not classified to the Code. For the "Meat Inspection Act", see subchapters I to IV (§ 601 et seq.) of chapter 12 of Title 21, Food and Drugs.

**CHAPTER 17—MISCELLANEOUS MATTERS****§ 411b. Estimates of apple production**

[See main edition for text]

(Pub. L. 97-103, title I, § 101, Dec. 23, 1981, 95 Stat. 1473.)

**SIMILAR PROVISIONS**

Similar provisions were contained in the following prior appropriation acts:

Dec. 15, 1980, Pub. L. 96-528, title I, § 101, 95 Stat. 3101.

Nov. 9, 1979, Pub. L. 96-108, title I, § 101, 93 Stat. 827.

Oct. 11, 1978, Pub. L. 95-448, title I, § 101, 92 Stat. 1079.

Aug. 12, 1977, Pub. L. 95-97, title 1, § 101, 91 Stat. 815.

**§ 426. Predatory and other wild animals; eradication and control; investigations, experiments, and tests by Secretary of Agriculture; cooperation with other agencies**

**SECTION REFERRED TO IN OTHER SECTIONS**

This section is referred to in section 426b of this title; title 16 section 2909.

**§ 426b. Authorization of expenditures for the eradication and control of predatory and other wild animals**

**SECTION REFERRED TO IN OTHER SECTIONS**

This section is referred to in title 16 section 2909.

**§ 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 exist-