

tional FFA Organization to establish pilot projects to expand the programs carried out by the organizations in rural areas and small towns (including, with respect to the National 4-H Council, activities provided for in Public Law 107-19 (115 Stat. 153)).

(b) Flexibility

The Secretary shall provide maximum flexibility in content delivery to each organization receiving funds under this section so as to ensure that the unique goals of each organization, as well as the local community needs, are fully met.

(c) Redistribution of funding within organizations authorized

Recipients of funds under this section may redistribute all or part of the funds received to individual councils or local chapters within the councils without further need of approval from the Secretary.

(d) Authorization of appropriations

There are authorized to be appropriated to carry out this section—

- (1) such sums as are necessary for each of fiscal years 2008 through 2013; and
- (2) \$3,000,000 for each of fiscal years 2014 through 2023.

(Pub. L. 105-185, title IV, §410, as added Pub. L. 107-171, title VII, §7412, May 13, 2002, 116 Stat. 462; amended Pub. L. 110-234, title VII, §§7309, 7511(c)(32), May 22, 2008, 122 Stat. 1243, 1270; Pub. L. 110-246, §4(a), title VII, §§7309, 7511(c)(32), June 18, 2008, 122 Stat. 1664, 2004, 2032; Pub. L. 113-79, title VII, §7305, Feb. 7, 2014, 128 Stat. 888; Pub. L. 115-334, title VII, §7304, Dec. 20, 2018, 132 Stat. 4815.)

REFERENCES IN TEXT

Pub. L. 107-19, referred to in subsec. (a), is Pub. L. 107-19, July 10, 2001, 115 Stat. 153, which is not classified to the Code.

CODIFICATION

Pub. L. 110-234 and Pub. L. 110-246 made identical amendments to this section. The amendments by Pub. L. 110-234 were repealed by section 4(a) of Pub. L. 110-246.

AMENDMENTS

2018—Subsec. (d)(2). Pub. L. 115-334 substituted “2023” for “2018”.

2014—Subsec. (d). Pub. L. 113-79 substituted “section—” for “section such sums as are necessary for each of fiscal years 2008 through 2012.” and added pars. (1) and (2).

2008—Subsec. (a). Pub. L. 110-246, §7511(c)(32), substituted “Director of the National Institute of Food and Agriculture” for “Administrator of the Cooperative State Research, Education, and Extension Service”.

Subsecs. (b) to (d). Pub. L. 110-246, §7309, added subsecs. (b) to (d) and struck out former subsecs. (b) and (c) which related to availability of funds of the Commodity Credit Corporation for fiscal year 2002 and authorization of appropriations for fiscal years 2003 through 2007.

EFFECTIVE DATE OF 2008 AMENDMENT

Amendment of this section and repeal of Pub. L. 110-234 by Pub. L. 110-246 effective May 22, 2008, the date of enactment of Pub. L. 110-234, except as otherwise provided, see section 4 of Pub. L. 110-246, set out

as an Effective Date note under section 8701 of this title.

Amendment by section 7511(c)(32) of Pub. L. 110-246 effective Oct. 1, 2009, see section 7511(c) of Pub. L. 110-246, set out as a note under section 1522 of this title.

DEFINITIONS

Secretary means the Secretary of Agriculture, see section 7401(1) of Pub. L. 107-171, set out as a note under section 3319b of this title.

§ 7631. Agricultural biotechnology research and development for developing countries

(a) Eligible entity

In this section, the term “eligible entity” means—

- (A) an institution of higher education that offers a curriculum in agriculture or the biosciences;
- (B) a nonprofit organization; or
- (C) a consortium of for-profit institutions and agricultural research institutions.

(b) Grant program

(1) In general

The Secretary (acting through the Foreign Agricultural Service) shall establish and administer a program to make competitive grants to eligible entities to develop agricultural biotechnology for developing countries.

(2) Use of funds

Funds provided to an eligible entity under this section may be used for projects that use biotechnology to—

- (A) enhance the nutritional content of agricultural products that can be grown in developing countries;
- (B) increase the yield and safety of agricultural products that can be grown in developing countries;
- (C) increase the yield of agricultural products that are drought- and stress-resistant and that can be grown in developing countries;
- (D) extend the growing range of crops that can be grown in developing countries;
- (E) enhance the shelf-life of fruits and vegetables grown in developing countries;
- (F) develop environmentally sustainable agricultural products that can be grown in developing countries; and
- (G) develop vaccines to immunize against life-threatening illnesses and other medications that can be administered by consuming genetically-engineered agricultural products.

(c) Authorization of appropriations

There are authorized to be appropriated such sums as may be necessary to carry out this section for each of fiscal years 2002 through 2012.

(Pub. L. 105-185, title IV, §411, as added Pub. L. 107-171, title VII, §7505, May 13, 2002, 116 Stat. 466; amended Pub. L. 110-234, title VII, §7310, May 22, 2008, 122 Stat. 1243; Pub. L. 110-246, §4(a), title VII, §7310, June 18, 2008, 122 Stat. 1664, 2004.)

CODIFICATION

Pub. L. 110-234 and Pub. L. 110-246 made identical amendments to this section. The amendments by Pub. L. 110-234 were repealed by section 4(a) of Pub. L. 110-246.

AMENDMENTS

2008—Subsec. (c). Pub. L. 110-246, § 7310, substituted “2012” for “2007”.

EFFECTIVE DATE OF 2008 AMENDMENT

Amendment of this section and repeal of Pub. L. 110-234 by Pub. L. 110-246 effective May 22, 2008, the date of enactment of Pub. L. 110-234, see section 4 of Pub. L. 110-246, set out as an Effective Date note under section 8701 of this title.

§ 7632. Specialty crop research initiative**(a) Definitions**

In this section:

(1) Citrus disease subcommittee

The term “citrus disease subcommittee” means the subcommittee established under section 3123a(a)(2) of this title.

(2) Initiative

The term “Initiative” means the specialty crop research and extension initiative established by subsection (b).

(3) Specialty crop

The term “specialty crop” has the meaning given that term in section 3 of the Specialty Crops Competitiveness Act of 2004 (7 U.S.C. 1621 note; Public Law 108-465).

(4) Specialty crops committee

The term “specialty crops committee” means the committee established under section 3123a of this title.

(b) Establishment

There is established within the Department a specialty crop research and extension initiative to address the critical needs of the specialty crop industry by developing and disseminating science-based tools to address needs of specific crops and their regions, including—

(1) research in plant breeding, genetics, genomics, and other methods to improve crop characteristics, such as—

(A) product, taste, quality, and appearance;

(B) size-controlling rootstock systems for perennial crops;

(C) environmental responses and tolerances;

(D) nutrient management, including plant nutrient uptake efficiency;

(E) pest and disease management, including resistance to pests and diseases resulting in reduced application management strategies; and

(F) enhanced phytonutrient content;

(2) efforts to identify and address threats from pests and diseases, including—

(A) threats to specialty crop pollinators;

(B) emerging and invasive species; and

(C) a more effective understanding and utilization of existing natural enemy complexes;

(3) efforts—

(A) to improve production efficiency, handling and processing, productivity, and profitability over the long term (including specialty crop policy and marketing); and

(B) to achieve a better understanding of—

(i) the soil rhizosphere microbiome;

(ii) pesticide application systems and certified drift-reduction technologies; and

(iii) systems to improve and extend the storage life of specialty crops;

(4) new innovations and technology, including—

(A) mechanization and automation of labor-intensive tasks in production and processing;

(B) technologies that delay or inhibit ripening;

(C) decision support systems driven by phenology and environmental factors;

(D) improved monitoring systems for agricultural pests; and

(E) effective systems for preharvest and postharvest management of quarantine pests; and

(5) methods to prevent, detect, monitor, control, and respond to potential food safety hazards in the production and processing of specialty crops, including fresh produce.

(c) Eligible entities

The Secretary may carry out this section through—

(1) Federal agencies;

(2) national laboratories;

(3) colleges and universities;

(4) research institutions and organizations;

(5) private organizations or corporations;

(6) State agricultural experiment stations;

(7) individuals; or

(8) groups consisting of 2 or more entities described in paragraphs (1) through (7).

(d) Review of proposals

In carrying out this section, the Secretary shall award competitive grants on the basis of—

(1) a scientific peer review conducted by a panel of subject matter experts from Federal agencies, non-Federal entities, and the specialty crop industry; and

(2) a review and ranking for merit, relevance, and impact conducted by a panel of specialty crop industry representatives for the specific specialty crop.

(e) Consultation

Each fiscal year, before conducting the scientific peer review described in paragraph (1) of subsection (d) and the merit and relevancy review described in paragraph (2) of such subsection, the Secretary shall consult with the specialty crops committee regarding such reviews. The committee shall provide the Secretary—

(1) in the first fiscal year in which that consultation occurs, any recommendations for conducting such reviews in such fiscal year; and

(2) in any subsequent fiscal year in which such consultation occurs—

(A) an assessment of the procedures and objectives used by the Secretary for such reviews in the previous fiscal year;

(B) any recommendations for such reviews for the current fiscal year; and

(C) any comments on grants awarded under subsection (d) during the previous fiscal year.