

tigating the impact on aquatic food webs, especially commercially important aquatic species and their habitats, of microorganisms of the genus *Pfiesteria* and other microorganisms that are a threat to human or animal health.

(3) Rural and urban interface

Research and extension grants may be made under this section for the purpose of identifying, evaluating, and demonstrating innovative technologies to be used for animal waste management (including odor control) in rural areas adjacent to urban or suburban areas in connection with waste management activities undertaken in urban or suburban areas.

(4) Animal feed

Research and extension grants may be made under this section for the purpose of maximizing nutrition management for livestock, while limiting risks, such as mineral bypass, associated with livestock feeding practices.

(5) Alternative uses and renewable energy

Research and extension grants may be made under this section for the purpose of finding innovative methods and technologies to allow agricultural operators to make use of animal waste, such as use as fertilizer, methane digestion, composting, and other useful byproducts.

(f) Authorization of appropriations

There are authorized to be appropriated such sums as are necessary to carry out this section for each of fiscal years 1999 through 2012.

(Pub. L. 101-624, title XVI, §1672A, as added Pub. L. 105-185, title II, §243, June 23, 1998, 112 Stat. 554; amended Pub. L. 107-171, title VII, §7120, May 13, 2002, 116 Stat. 434; Pub. L. 110-234, title VII, §7205, May 22, 2008, 122 Stat. 1238; Pub. L. 110-246, §4(a), title VII, §7205, June 18, 2008, 122 Stat. 1664, 1999.)

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 L. 110-234 were repealed by section 4(a) of Pub.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. (b)(1). Pub. L. 110-246, §7205(1), added par. (1) and struck out former par. (1). Prior to amendment, text read as follows: “Paragraphs (1), (6), (7), and (11) of subsection (b) of section 450i of this title shall apply with respect to the making of grants under this section.”

Subsec. (d). Pub. L. 110-246, §7205(2), added subsec. (d) and struck out former subsec. (d). Prior to amendment, text read as follows: “Following the completion of a peer review process for grant proposals received under this section, the Secretary may provide a priority to those grant proposals, found in the peer review process to be scientifically meritorious, that involve the cooperation of multiple entities.”

Subsec. (e)(1)(B). Pub. L. 110-246, §7205(3)(A), inserted “and dairy and beef cattle waste” after “swine waste”.

Subsec. (e)(5). Pub. L. 110-246, §7205(3)(B), added par. (5) and struck out former par. (5). Prior to amendment, text read as follows: “Research and extension grants may be made under this section for the purpose of finding innovative methods and technologies for economic use or disposal of animal waste.”

Subsecs. (f), (g). Pub. L. 110-246, §7205(4), (5), redesignated subsec. (g) as (f) and substituted “2012” for “2007”.

2002—Subsec. (g). Pub. L. 107-171 substituted “2007” for “2002”.

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.

STUDY OF NUTRIENT BANKING

Pub. L. 107-171, title VII, §7411, May 13, 2002, 116 Stat. 462, provided that:

“(a) IN GENERAL.—The Secretary [of Agriculture] may conduct a study to evaluate nutrient banking for the purpose of enhancing the health and viability of watersheds in areas with large concentrations of animal producing units.

“(b) COMPONENTS.—In conducting any study under subsection (a), the Secretary shall evaluate the costs, needs, and means by which litter may be collected and distributed outside the applicable watershed to reduce potential point source and nonpoint source phosphorous pollution.

“(c) REPORT.—The Secretary shall submit to the Committee on Agriculture of the House of Representatives and the Committee on Agriculture, Nutrition, and Forestry of the Senate a report that describes the results of any study conducted under subsection (a).”

§ 5925b. Organic agriculture research and extension initiative

(a) Competitive specialized research and extension grants authorized

In consultation with the National Agricultural Research, Extension, Education, and Economics Advisory Board, the Secretary of Agriculture (referred to in this section as the “Secretary”) may make competitive grants to support research and extension activities regarding organically grown and processed agricultural commodities for the purposes of—

(1) facilitating the development of organic agriculture production, breeding, and processing methods;

(2) evaluating the potential economic benefits to producers and processors who use organic methods;

(3) exploring international trade opportunities for organically grown and processed agricultural commodities;

(4) determining desirable traits for organic commodities;

(5) identifying marketing and policy constraints on the expansion of organic agriculture;

(6) conducting advanced on-farm research and development that emphasizes observation of, experimentation with, and innovation for working organic farms, including research relating to production and marketing and to socioeconomic conditions;

(7) examining optimal conservation and environmental outcomes relating to organically produced agricultural products; and

(8) developing new and improved seed varieties that are particularly suited for organic agriculture.

(b) Grant types and process, prohibition on construction

Paragraphs (4), (7), (8), and (11)(B) of subsection (b) of section 450i of this title shall apply

with respect to the making of grants under this section.

(c) Matching funds required

(1) In general

The Secretary shall require the recipient of a grant under this section to provide funds or in-kind support from non-Federal sources in an amount at least equal to the amount provided by the Federal Government.

(2) Waiver authority

The Secretary may waive the matching funds requirement specified in paragraph (1) with respect to a research project if the Secretary determines that—

(A) the results of the project, while of particular benefit to a specified agricultural commodity, are likely to be applicable to agricultural commodities generally; or

(B) the project involves a minor commodity, the project deals with scientifically important research, and the grant recipient is unable to satisfy the matching funds requirement.

(d) Partnerships encouraged

Following the completion of a peer review process for grant proposals received under this section, the Secretary may provide a priority to those grant proposals, found in the peer review process to be scientifically meritorious, that involve the cooperation of multiple entities.

(e) Funding

On October 1, 2003, and each October 1 thereafter through October 1, 2007, out of any funds in the Treasury not otherwise appropriated, the Secretary of the Treasury shall transfer \$3,000,000 to the Secretary of Agriculture for this section.

(f) Funding

(1) Mandatory funding for fiscal years 2009 through 2012

Of the funds of the Commodity Credit Corporation, the Secretary shall make available to carry out this section—

(A) \$18,000,000 for fiscal year 2009; and

(B) \$20,000,000 for each of fiscal years 2010 through 2012.

(2) Discretionary funding for fiscal years 2009 through 2012

In addition to amounts made available under paragraph (1), there is authorized to be appropriated to carry out this section \$25,000,000 for each of fiscal years 2009 through 2012.

(3) Fiscal year 2013

There is authorized to be appropriated to carry out this section \$25,000,000 for fiscal year 2013.

(Pub. L. 101–624, title XVI, §1672B, as added Pub. L. 105–185, title II, §244, June 23, 1998, 112 Stat. 555; amended Pub. L. 107–171, title VII, §7218, May 13, 2002, 116 Stat. 449; Pub. L. 110–234, title VII, §§7206(a), 7406(d)(3), May 22, 2008, 122 Stat. 1238, 1252; Pub. L. 110–246, §4(a), title VII, §§7206(a), 7406(d)(3), June 18, 2008, 122 Stat. 1664, 1999, 2013; Pub. L. 112–240, title VII, §701(e)(1), Jan. 2, 2013, 126 Stat. 2364.)

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

2013—Subsec. (f)(1). Pub. L. 112–240, §701(e)(1)(A), substituted “Mandatory funding for fiscal years 2009 through 2012” for “In general” in heading.

Subsec. (f)(2). Pub. L. 112–240, §701(e)(1)(B), substituted “Discretionary funding for fiscal years 2009 through 2012” for “Additional funding” in heading.

Subsec. (f)(3). Pub. L. 112–240, §701(e)(1)(C), added par. (3).

2008—Subsec. (a)(7), (8). Pub. L. 110–246, §7206(a)(1), added pars. (7) and (8).

Subsec. (b). Pub. L. 110–246, §7406(d)(3), substituted “Paragraphs (4), (7), (8), and (11)(B)” for “Paragraphs (1), (6), (7), and (11)”.

Subsec. (f). Pub. L. 110–246, §7206(a)(2), added subsec. (f).

2002—Subsec. (a)(1). Pub. L. 107–171, §7218(1)(A), inserted “, breeding.” after “production”.

Subsec. (a)(4) to (6). Pub. L. 107–171, §7218(1)(B)–(D), added pars. (4) to (6).

Subsec. (e). Pub. L. 107–171, §7218(2), amended heading and text of subsec. (e) generally. Prior to amendment, text read as follows: “There are authorized to be appropriated such sums as are necessary to carry out this section for each of fiscal years 1999 through 2002.”

EFFECTIVE DATE OF 2013 AMENDMENT

Amendment by Pub. L. 112–240 effective Sept. 30, 2012, see section 701(j) of Pub. L. 112–240, set out in a 1-Year Extension of Agricultural Programs note under section 8701 of this title.

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 7406(d)(3) of Pub. L. 110–246 inapplicable to any solicitation for grant applications issued by the Cooperative State Research, Education, and Extension Service before June 18, 2008, see section 7406(c) of Pub. L. 110–246, set out as a note under section 4501 of this title.

COORDINATION OF PROJECTS AND ACTIVITIES

Pub. L. 110–234, title VII, §7206(b), May 22, 2008, 122 Stat. 1239, and Pub. L. 110–246, §4(a), title VII, §7206(b), June 18, 2008, 122 Stat. 1664, 2000, provided that: “In carrying out the amendment made by this section [amending this section], the Secretary [of Agriculture] shall ensure that the Division Chief of the applicable Research, Education, and Extension Office established under section 251 of the Department of Agriculture Reorganization Act of 1994 (7 U.S.C. 6971) coordinates projects and activities under this section to ensure, to the maximum extent practicable, that unnecessary duplication of effort is eliminated or minimized.”

[Pub. L. 110–234 and Pub. L. 110–246 enacted identical provisions. Pub. L. 110–234 was repealed by section 4(a) of Pub. L. 110–246, set out as a note under section 8701 of this title.]

REPORT ON PRODUCERS AND HANDLERS OF ORGANIC AGRICULTURAL PRODUCTS

Pub. L. 107–171, title VII, §7409, May 13, 2002, 116 Stat. 461, provided that: “Not later than 1 year after funds are made available to carry out this section, the Secretary [of Agriculture] shall submit to Congress a report that—

“(1) describes—

“(A) the extent to which producers and handlers of organic agricultural products are contributing to research and promotion programs of the Department [of Agriculture];

“(B) the extent to which producers and handlers of organic agricultural products are surveyed for ideas for research and promotion;

“(C) ways in which the programs reflect the contributions made by producers and handlers of organic agricultural products and directly benefit the producers and handlers; and

“(D) the implementation of initiatives that directly benefit organic producers and handlers; and

“(2) evaluates industry and other proposals for improving the treatment of certified organic agricultural products under Federal marketing orders, including proposals to target additional resources for research and promotion of organic products and to differentiate between certified organic and other products in new or existing volume limitations or other orderly marketing requirements.”

§ 5925c. Organic production and market data initiatives

(a) In general

The Secretary shall collect and report data on the production and marketing of organic agricultural products.

(b) Requirements

In carrying out subsection (a), the Secretary shall, at a minimum—

(1) collect and distribute comprehensive reporting of prices relating to organically produced agricultural products;

(2) conduct surveys and analysis and publish reports relating to organic production, handling, distribution, retail, and trend studies (including consumer purchasing patterns); and

(3) develop surveys and report statistical analysis on organically produced agricultural products.

(c) Report

Not later than 180 days after the date of enactment of this subsection, the Secretary shall submit to the Committee on Agriculture of the House of Representatives and the Committee on Agriculture, Nutrition, and Forestry of the Senate a report that—

(1) describes the progress that has been made in implementing this section; and

(2) identifies any additional production and marketing data needs.

(d) Funding

(1) Mandatory funding through fiscal year 2012

Of the funds of the Commodity Credit Corporation, the Secretary shall use to carry out this section \$5,000,000, to remain available until expended.

(2) Discretionary funding for fiscal years 2008 through 2012

In addition to funds made available under paragraph (1), there are authorized to be appropriated to carry out this section not more than \$5,000,000 for each of fiscal years 2008 through 2012, to remain available until expended.

(3) Fiscal year 2013

There is authorized to be appropriated to carry out this section \$5,000,000, to remain available until expended.

(Pub. L. 107-171, title VII, §7407, May 13, 2002, 116 Stat. 461; Pub. L. 110-234, title X, §10302, May 22, 2008, 122 Stat. 1347; Pub. L. 110-246, §4(a), title X, §10302, June 18, 2008, 122 Stat. 1664, 2108; Pub. L. 112-240, title VII, §701(g)(4), Jan. 2, 2013, 126 Stat. 2366.)

REFERENCES IN TEXT

The date of enactment of this subsection, referred to in subsec. (c), is the date of enactment of Pub. L. 110-246, which was approved June 18, 2008.

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.

Section was enacted as part of the Farm Security and Rural Investment Act of 2002, and not as part of subtitle H of title XVI of the Food, Agriculture, Conservation, and Trade Act of 1990 which comprises this subchapter.

AMENDMENTS

2013—Subsec. (d)(1). Pub. L. 112-240, §701(g)(4)(A), substituted “Mandatory funding through fiscal year 2012” for “In general” in heading.

Subsec. (d)(2). Pub. L. 112-240, §701(g)(4)(B), substituted “Discretionary funding for fiscal years 2008 through 2012” for “Additional funding” in heading.

Subsec. (d)(3). Pub. L. 112-240, §701(g)(4)(C), added par. (3)

2008—Pub. L. 110-246, §10302, amended section generally. Prior to amendment, text read as follows: “The Secretary shall ensure that segregated data on the production and marketing of organic agricultural products is included in the ongoing baseline of data collection regarding agricultural production and marketing.”

EFFECTIVE DATE OF 2013 AMENDMENT

Amendment by Pub. L. 112-240 effective Sept. 30, 2012, see section 701(j) of Pub. L. 112-240, set out in a 1-Year Extension of Agricultural Programs note under section 8701 of this title.

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.

DEFINITIONS

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

§ 5925d. International organic research collaboration

The Secretary, acting through the Agricultural Research Service (including the National Agricultural Library) and the Economic Research Service, shall facilitate access by research and extension professionals, farmers, and other interested persons in the United States to, and the use by those persons of, organic research conducted outside the United States.

(Pub. L. 107-171, title VII, §7408, May 13, 2002, 116 Stat. 461.)

CODIFICATION

Section was enacted as part of the Farm Security and Rural Investment Act of 2002, and not as part of subtitle H of title XVI of the Food, Agriculture, Conservation, and Trade Act of 1990 which comprises this subchapter.