

**(d) Authorization of appropriations**

There are authorized to be appropriated to carry out this section through the National Institute of Food and Agriculture \$20,000,000 for each of fiscal years 2013 through 2023.

(Pub. L. 101-624, title XVI, §1627, Nov. 28, 1990, 104 Stat. 3739; Pub. L. 104-127, title VIII, §862(b)(2), Apr. 4, 1996, 110 Stat. 1174; Pub. L. 110-234, title VII, §7511(c)(16), May 22, 2008, 122 Stat. 1269; Pub. L. 110-246, §4(a), title VII, §7511(c)(16), June 18, 2008, 122 Stat. 1664, 2030; Pub. L. 113-79, title VII, §7202, Feb. 7, 2014, 128 Stat. 880; Pub. L. 115-334, title VII, §7202, Dec. 20, 2018, 132 Stat. 4803.)

**Editorial Notes****REFERENCES IN TEXT**

This subchapter, referred to in subsec. (a)(3), was in the original “this subtitle”, meaning subtitle B (§§1619-1629) of title XVI of Pub. L. 101-624, Nov. 28, 1990, 104 Stat. 3739, which enacted this subchapter, repealed sections 4701 to 4710 of this title, and repealed provisions set out as a note under section 4701 of this title. For complete classification of subtitle B to the Code, see Tables.

Chapter 86 of this title, referred to in subsec. (a)(3), was in the original “subtitle G of title XIV”, meaning subtitle G (§§1481-1485) of title XIV of Pub. L. 101-624, which was repealed by Pub. L. 105-185, title III, §302(c), June 23, 1998, 112 Stat. 563.

**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 L. 110-234 were repealed by section 4(a) of Pub.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). Pub. L. 115-334 substituted “2023” for “2018”.

2014—Subsec. (d). Pub. L. 113-79 amended subsec. (d) generally. Prior to amendment, text read as follows: “There are authorized to be appropriated for each fiscal year \$20,000,000 to carry out this section through the National Institute of Food and Agriculture.”

2008—Subsec. (d). Pub. L. 110-246, §7511(c)(16), substituted “National Institute of Food and Agriculture” for “Extension Service”.

1996—Subsec. (a)(3). Pub. L. 104-127 struck out “and section 5881 of this title” before “and other appropriate”.

**Statutory Notes and Related Subsidiaries****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)(16) 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.

**§ 5822. Repealed. Pub. L. 115-334, title II, § 2816, Dec. 20, 2018, 132 Stat. 4602**

Section, Pub. L. 101-624, title XIV, §1451, Nov. 28, 1990, 104 Stat. 3607; Pub. L. 101-508, title I, §1204(a), Nov. 5, 1990, 104 Stat. 1388-11; Pub. L. 102-237, title II, §201(a), Dec. 13, 1991, 105 Stat. 1846, related to Integrated Farm Management Program Option to assist producers of agricultural commodities in adopting integrated, multiyear, site-specific farm management plans.

**PART C—SUSTAINABLE AGRICULTURE TECHNOLOGY DEVELOPMENT AND TRANSFER PROGRAM****§ 5831. Technical guides and handbooks****(a) Development**

Not later than two years after November 28, 1990, the Secretary shall develop and make available handbooks and technical guides, and any other educational materials that are appropriate for describing sustainable agriculture production systems and practices, as researched and developed under this subchapter, chapter 86 of this title,<sup>1</sup> and other appropriate research programs of the Department.

**(b) Consultation and coordination**

The Secretary shall develop the handbooks, technical guides, and educational materials in consultation with the Natural Resources Conservation Service and any other appropriate entities designated by the Secretary. The Secretary shall coordinate activities conducted under this section with those conducted under section 3861 of title 16.

**(c) Topics of handbooks and guides**

The handbooks and guides, and other educational materials, shall include detailed information on the selection of crops and crop-plant varieties, rotation practices, soil building practices, tillage systems, nutrient management, integrated pest management practices, habitat protection, pest, weed, and disease management, livestock management, soil, water, and energy conservation, and any other practices in accordance with or in furtherance of the purpose of this subchapter.

**(d) Organization and contents**

The handbooks and guides, and other educational materials, shall provide practical instructions and be organized in such a manner as to enable agricultural producers desiring to implement the practices and systems developed under this subchapter, chapter 86 of this title,<sup>1</sup> and other appropriate research programs of the Department to address site-specific, environmental and resource management problems and to sustain farm profitability, including—

- (1) enhancing and maintaining the fertility, productivity, and conservation of farmland and ranch soils, ranges, pastures, and wildlife;
- (2) maximizing the efficient and effective use of agricultural inputs;
- (3) protecting or enhancing the quality of water resources; or
- (4) optimizing the use of on-farm and non-renewable resources.

**(e) Availability**

The Secretary shall ensure that handbooks and technical guides, and other educational materials are made available to the agricultural community and the public through colleges and universities, the State Cooperative Extension Service, the Soil Conservation Service, other State and Federal agencies, and any other appropriate entities.

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

**(f) Authorization of appropriations**

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

- (1) such sums as are necessary for fiscal year 2013; and
- (2) \$5,000,000 for each of fiscal years 2014 through 2023.

(Pub. L. 101-624, title XVI, § 1628, Nov. 28, 1990, 104 Stat. 3740; Pub. L. 102-237, title IV, § 407(3), Dec. 13, 1991, 105 Stat. 1864; Pub. L. 104-127, title VIII, §§ 860(c)(3), 862(b)(3), Apr. 4, 1996, 110 Stat. 1174; Pub. L. 113-79, title VII, § 7203, Feb. 7, 2014, 128 Stat. 880; Pub. L. 115-334, title VII, § 7203, Dec. 20, 2018, 132 Stat. 4803.)

**Editorial Notes****REFERENCES IN TEXT**

This subchapter, referred to in subsecs. (a), (c), and (d), was in the original “this subtitle”, meaning subtitle B (§§1619-1629) of title XVI of Pub. L. 101-624, Nov. 28, 1990, 104 Stat. 3733, which enacted this subchapter, repealed sections 4701 to 4710 of this title, and repealed provisions set out as a note under section 4701 of this title. For complete classification of subtitle B to the Code, see Tables.

Chapter 86 of this title, referred to in subsecs. (a) and (d), was in the original “subtitle G of title XIV”, meaning subtitle G (§§1481-1485) of title XIV of Pub. L. 101-624, which was repealed by Pub. L. 105-185, title III, § 302(c), June 23, 1998, 112 Stat. 563.

**AMENDMENTS**

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

2014—Subsec. (f). Pub. L. 113-79 amended subsec. (f) generally. Prior to amendment, text read as follows: “There are authorized to be appropriated such sums as may be necessary to carry out the provisions of this section.”

1996—Subsec. (a). Pub. L. 104-127, §862(b)(3), struck out “section 5881 of this title,” before “and other appropriate”.

Subsec. (b). Pub. L. 104-127, §860(c)(3), substituted “Natural Resources Conservation Service” for “Advisory Council, the Soil Conservation Service.”

Subsec. (d). Pub. L. 104-127, §862(b)(3), struck out “section 5881 of this title,” before “and other appropriate” in introductory provisions.

1991—Subsec. (c). Pub. L. 102-237 substituted “educational” for “education”.

**§ 5832. National Training Program****(a) In general**

The Secretary shall establish a National Training Program in Sustainable Agriculture to provide education and training for Cooperative Extension Service agents and other professionals involved in the education and transfer of technical information concerning sustainable agriculture in order to develop their understanding, competence, and ability to teach and communicate the concepts of sustainable agriculture to Cooperative Extension Service agents and to farmers and urban residents who need information on sustainable agriculture.

**(b) Administration**

The National Training Program shall be organized and administered by the National Institute of Food and Agriculture, in coordination with other appropriate Federal agencies. The Secretary shall designate an individual from the

Cooperative Extension Service in each State to coordinate the National Training Program within that State. The coordinators shall be responsible, in cooperation with appropriate Federal and State agencies, for developing and implementing a statewide training program for appropriate field office personnel.

**(c) Required training****(1) Agricultural agents**

The Secretary shall ensure that all agricultural agents of the Cooperative Extension Service have completed the National Training Program not later than the end of the five-year period beginning on November 28, 1990. Such training may occur at a college or university located within each State as designated by the coordinator designated under this section.

**(2) Proof of training**

Beginning three years after November 28, 1990, the Secretary shall ensure that all new Cooperative Extension Service agents employed by such Service are able to demonstrate, not later than 18 months after the employment of such agents, that such agents have completed the training program established in subsection (a).

**(d) Regional training centers****(1) Designation**

The Secretary shall designate not less than two regional training centers to coordinate and administer educational activities in sustainable agriculture as provided for in this section.

**(2) Training program**

Such centers shall offer intensive instructional programs involving classroom and field training work for extension specialists and other individuals who are required to transmit technical information.

**(3) Prohibition on construction**

Such centers shall be located at existing facilities, and no funds appropriated to carry out this part shall be used for facility construction.

**(4) Administration**

Such centers should be administered by entities that have a demonstrated capability relating to sustainable agriculture. The Secretary should consider utilizing existing entities with expertise in sustainable agriculture to assist in the design and implementation of the training program under paragraph (2).

**(5) Coordination of resources**

Such centers shall make use of information generated by the Department of Agriculture and the State agricultural experiment stations, and the practical experience of farmers, especially those cooperating in on-farm demonstrations and research projects, in carrying out the functions of such centers.

**(e) Competitive grants****(1) In general**

The Secretary shall establish a competitive grants program to award grants to organiza-