

Cooperative Extension Services and the private sector to serve as the primary conduit of agricultural weather forecasts and climatic information to producers); and

(C) develop programs to educate agricultural producers on how to best use weather and climate information to improve management decisions; and

(2) such other assurances and information as the Secretary may require by rule.

(Pub. L. 101-624, title XVI, §1640, Nov. 28, 1990, 104 Stat. 3749; Pub. L. 107-171, title VII, §7304(b), May 13, 2002, 116 Stat. 455; Pub. L. 110-234, title VII, §7511(c)(19), May 22, 2008, 122 Stat. 1269; Pub. L. 110-246, §4(a), title VII, §7511(c)(19), June 18, 2008, 122 Stat. 1664, 2030.)

Editorial Notes

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 L. 110-234 were repealed by section 4(a) of Pub.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. (a)(2). Pub. L. 110-246, §7511(c)(19), substituted “the Director of the National Institute of Food and Agriculture” for “the Administrator of the Extension Service, the Administrator of the Cooperative State Research Service”.

2002—Subsec. (b). Pub. L. 107-171 struck out “take into consideration the recommendation of the Advisory Board on Agricultural Weather and” before “consult with the Director”.

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)(19) 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.

§ 5855. Funding

(a) Allocation of funds

(1) Cooperative work

Not less than 15 percent and not more than 25 percent of the funds appropriated for a fiscal year to carry out this subchapter shall be used for cooperative work with the National Weather Service entered into under section 5852(b)(1) of this title.

(2) Competitive grants program

Not less than 15 percent and not more than 25 percent of such funds shall be used by the National Institute of Food and Agriculture for a competitive grants program under section 5852(c) of this title.

(3) Weather information systems

Not less than 25 percent and not more than 35 percent of such funds shall be divided equally between the participating States selected for that fiscal year under section 5854 of this title.

(4) Other purposes

The remaining funds shall be allocated for use by the Agricultural Weather Office and the National Institute of Food and Agriculture in carrying out generally the provisions of this subchapter.

(b) Limitations on use of funds

Funds provided under the authority of this subchapter shall not be used for the construction of facilities. Each State or agency receiving funds shall not use more than 30 percent of such funds for equipment purchases. Any use of the funds in facilitating the distribution of agricultural and climate information to producers shall be done with consideration for the role that the private meteorological sector can play in such information delivery.

(c) Authorization of appropriations

There are authorized to be appropriated to carry out this subchapter \$5,000,000 for each of the fiscal years 2008 through 2012 and \$1,000,000 for each of fiscal years 2014 through 2023.

(Pub. L. 101-624, title XVI, §1641, Nov. 28, 1990, 104 Stat. 3750; Pub. L. 104-127, title VIII, §833, Apr. 4, 1996, 110 Stat. 1168; Pub. L. 110-234, title VII, §§7202, 7511(c)(20), May 22, 2008, 122 Stat. 1233, 1269; Pub. L. 110-246, §4(a), title VII, §§7202, 7511(c)(20), June 18, 2008, 122 Stat. 1664, 1994, 2030; Pub. L. 113-79, title VII, §7206, Feb. 7, 2014, 128 Stat. 881; Pub. L. 115-334, title VII, §7207, Dec. 20, 2018, 132 Stat. 4805.)

Editorial Notes

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. (c). Pub. L. 115-334 substituted “2023” for “2018”.

2014—Subsec. (c). Pub. L. 113-79 substituted “to carry out this subchapter \$5,000,000” for “\$5,000,000 to carry out this subchapter” and inserted “and \$1,000,000 for each of fiscal years 2014 through 2018” before period at end.

2008—Subsec. (a)(2). Pub. L. 110-246, §7511(c)(20)(A), substituted “National Institute of Food and Agriculture” for “Cooperative State Research Service”.

Subsec. (a)(4). Pub. L. 110-246, §7511(c)(20)(B), substituted “National Institute of Food and Agriculture” for “Extension Service”.

Subsec. (c). Pub. L. 110-246, §7202, substituted “2008 through 2012” for “1991 through 1997”.

1996—Subsec. (c). Pub. L. 104-127 substituted “1997” for “1995”.

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)(20) 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.

§ 5856. Improvements to United States Drought Monitor

(a) In general

The Secretary shall coordinate with the Director of the National Drought Mitigation Center and the Administrator of the National Oceanic and Atmospheric Administration to enhance the collection of data to improve the accuracy of the United States Drought Monitor.

(b) Utilization

To the maximum extent practicable, the Secretary shall utilize a consistent source or sources of data for programs that are based on drought or precipitation indices, such as the livestock forage disaster program established under section 9081(c) of this title or policies or plans of insurance established under the Federal Crop Insurance Act (7 U.S.C. 1501 et seq.).

(c) Review

Not later than 1 year after December 20, 2018, the Secretary shall conduct a review of—

- (1) the types of data currently utilized by the United States Drought Monitor;
- (2) the geographic coverage and density of existing data collection sites; and
- (3) other meteorological or climatological data that is being collected by other Federal agencies, State and local governments, and non-Federal entities that could be utilized by the United States Drought Monitor.

(d) Improvements

(1) In general

Upon the completion of the review prescribed in subsection (c), the Secretary shall—

- (A) seek to expand the collection of relevant data in States or geographic areas where coverage is currently lacking as compared to other States or geographic areas; and
- (B) to the maximum extent practicable, develop standards to allow the integration of meteorological or climatological data into the United States Drought Monitor derived from—
 - (i) in-situ soil moisture profile measuring devices;
 - (ii) citizen science (as defined in the Crowdsourcing and Citizen Science Act (15 U.S.C. 3724)), including data from the Cooperative Observer Program of the National Weather Service; and
 - (iii) other Federal agencies, State and local governments, and non-Federal entities.

(2) Authorization of appropriations

There is to be authorized to be appropriated to the Secretary to carry out this subsection \$5,000,000 for each of fiscal years 2019 through 2023.

(Pub. L. 115–334, title XII, §12512, Dec. 20, 2018, 132 Stat. 4995.)

Editorial Notes

REFERENCES IN TEXT

The Federal Crop Insurance Act, referred to in subsec. (b), is subtitle A of title V of act Feb. 16, 1938, ch.

30, 52 Stat. 72, which is classified generally to subchapter I (§1501 et seq.) of chapter 36 of this title. For complete classification of this Act to the Code, see section 1501 of this title and Tables.

CODIFICATION

Section was enacted as part of the Agriculture Improvement Act of 2018, and not as part of subtitle C of title XVI of the Food, Agriculture, Conservation, and Trade Act of 1990 which comprises this subchapter.

Statutory Notes and Related Subsidiaries

DEFINITION OF “SECRETARY”

“Secretary” means the Secretary of Agriculture, see section 2 of Pub. L. 115–334, set out as a note under section 9001 of this title.

SUBCHAPTER IV—RESEARCH REGARDING PRODUCTION, PREPARATION, PROCESSING, HANDLING, AND STORAGE OF AGRICULTURAL PRODUCTS

§§ 5871 to 5874. Repealed. Pub. L. 104–127, title VIII, § 861, Apr. 4, 1996, 110 Stat. 1174

Section 5871, Pub. L. 101–624, title XVI, §1644, Nov. 28, 1990, 104 Stat. 3751, provided for establishment of research and grant program.

Section 5872, Pub. L. 101–624, title XVI, §1645, Nov. 28, 1990, 104 Stat. 3752, related to advisory committee and grant process.

Section 5873, Pub. L. 101–624, title XVI, §1646, Nov. 28, 1990, 104 Stat. 3753, provided for reports to Congress.

Section 5874, Pub. L. 101–624, title XVI, §1647, Nov. 28, 1990, 104 Stat. 3754, provided for appropriations for research and grant program.

SUBCHAPTER V—PLANT AND ANIMAL PEST AND DISEASE CONTROL PROGRAM

§§ 5881 to 5885. Repealed. Pub. L. 104–127, title VIII, § 862(a), Apr. 4, 1996, 110 Stat. 1174

Section 5881, Pub. L. 101–624, title XVI, §1650, Nov. 28, 1990, 104 Stat. 3754, related to plant and animal pest and disease control program.

Section 5882, Pub. L. 101–624, title XVI, §1651, Nov. 28, 1990, 104 Stat. 3754, related to pest and disease control data base and pesticide resistance monitoring.

Section 5883, Pub. L. 101–624, title XVI, §1652, Nov. 28, 1990, 104 Stat. 3755; Pub. L. 102–237, title IV, §407(8), Dec. 13, 1991, 105 Stat. 1865, related to research on control and eradication of exotic pests.

Section 5884, Pub. L. 101–624, title XVI, §1653, Nov. 28, 1990, 104 Stat. 3755, provided for study of biology and behavior of chinch bugs.

Section 5885, Pub. L. 101–624, title XVI, §1654, Nov. 28, 1990, 104 Stat. 3756, authorized appropriations for plant, pest, and disease control program.

SUBCHAPTER VI—ALTERNATIVE AGRICULTURAL RESEARCH AND COMMERCIALIZATION

§§ 5901 to 5909. Repealed. Pub. L. 107–171, title VI, § 6201(a), May 13, 2002, 116 Stat. 418

Section 5901, Pub. L. 101–624, title XVI, §1657, Nov. 28, 1990, 104 Stat. 3756; Pub. L. 104–127, title VII, §721, Apr. 4, 1996, 110 Stat. 1112, provided that this subchapter may be cited as the “Alternative Agricultural Research and Commercialization Act of 1990” and specified purpose of and definitions relating to this subchapter.

Section 5902, Pub. L. 101–624, title XVI, §1658, Nov. 28, 1990, 104 Stat. 3757; Pub. L. 102–237, title IV, §405(a), Dec. 13, 1991, 105 Stat. 1864; Pub. L. 104–127, title VII, §722(a), Apr. 4, 1996, 110 Stat. 1113, created the Alternative Agricultural Research and Commercialization Corporation.