

(E) the application of such other resources and expertise as the Secretary considers appropriate to support the program.

(3) The program may include, but shall not be limited to, agreements, grants, and other arrangements—

(A) to conduct comprehensive resource and infrastructure assessments;

(B) to develop and introduce supplemental and alternative income-producing crops;

(C) to develop and expand domestic and export markets for such crops;

(D) to provide technical assistance to farm owners and operators, marketing cooperatives, and others;

(E) to conduct fundamental and applied research related to the development of new commercial products derived from natural plant material for industrial, medical, and agricultural applications; and

(F) to participate with colleges and universities, other Federal agencies, and private sector entities in conducting research described in subparagraph (E).

**(d) Use of expertise and resources of other Federal agencies and land-grant colleges and universities**

The Secretary shall use the expertise and resources of the Agricultural Research Service, the National Institute of Food and Agriculture, and the land-grant colleges and universities for the purpose of carrying out this section.

**(e) 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) \$1,000,000 for each of fiscal years 2014 through 2018.

(Pub. L. 95-113, title XIV, §1473D, as added Pub. L. 99-198, title XIV, §1428, Dec. 23, 1985, 99 Stat. 1554; amended Pub. L. 101-624, title XVI, §1601(b)(5), Nov. 28, 1990, 104 Stat. 3703; Pub. L. 104-127, title VIII, §819, Apr. 4, 1996, 110 Stat. 1167; Pub. L. 105-185, title III, §301(a)(14), title VI, §606(a), June 23, 1998, 112 Stat. 562, 603; Pub. L. 107-171, title VII, §7115, May 13, 2002, 116 Stat. 433; Pub. L. 110-234, title VII, §§7136, 7511(c)(13), May 22, 2008, 122 Stat. 1228, 1268; Pub. L. 110-246, §4(a), title VII, §§7136, 7511(c)(13), June 18, 2008, 122 Stat. 1664, 1990, 2030; Pub. L. 113-79, title VII, §7122, Feb. 7, 2014, 128 Stat. 876.)

REFERENCES IN TEXT

For definition of “this chapter”, referred to in subsec. (a), see note set out under section 3102 of this title.

CODIFICATION

The authorities provided by each provision of, and each amendment made by, Pub. L. 110-246, as in effect on Sept. 30, 2012, to continue, and the Secretary of Agriculture to carry out the authorities, until the later of Sept. 30, 2013, or the date specified in the provision of, or amendment made by, Pub. L. 110-246, see section 701(a) of Pub. L. 112-240, set out in a 1-Year Extension of Agricultural Programs note under section 8701 of this title.

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

2014—Subsec. (a). Pub. L. 113-79, §7122(a)(1), substituted “2018” for “2012”.

Subsec. (c)(1). Pub. L. 113-79, §7122(b), substituted “make competitive grants” for “use such research funding, special or competitive grants, or other means, as the Secretary determines.”

Subsec. (e). Pub. L. 113-79, §7122(a)(2), added subsec. (e).

2008—Subsec. (a). Pub. L. 110-246, §7136, substituted “2012” for “2007”.

Subsec. (d). Pub. L. 110-246, §7511(c)(13), substituted “the National Institute of Food and Agriculture” for “the Cooperative State Research Service, the Extension Service”.

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

1998—Subsec. (a). Pub. L. 105-185, §301(a)(14), substituted “2002” for “1997”.

Subsec. (c)(3). Pub. L. 105-185, §606(a), made technical amendment to directory language of Pub. L. 104-127, §819(b)(5). See 1996 Amendment note below.

1996—Subsec. (a). Pub. L. 104-127, §819(a), (b)(1), substituted “1997” for “1995” and struck out “and pilot” after “research”.

Subsec. (c)(2)(B). Pub. L. 104-127, §819(b)(2), struck out “at pilot sites in areas adversely affected by declining demand for crops grown in the area” after “alternative crops”.

Subsec. (c)(2)(C). Pub. L. 104-127, §819(b)(3), struck out “from pilot sites” after “research”.

Subsec. (c)(2)(D). Pub. L. 104-127, §819(b)(4), struck out “near such pilot sites” after “facilities” and “pilot” after “successful”.

Subsec. (c)(3). Pub. L. 104-127, §819(b)(5), as amended by Pub. L. 105-185, §606(a), struck out “pilot” before “program” in introductory provisions.

Subsec. (c)(3)(E), (F). Pub. L. 104-127, §819(c), added subpars. (E) and (F).

1990—Subsec. (a). Pub. L. 101-624 substituted “1995” for “1990”.

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)(13) 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.

EFFECTIVE DATE OF 1998 AMENDMENT

Pub. L. 105-185, title VI, §606(a), June 23, 1998, 112 Stat. 603, provided that the amendment made by section 606(a) is effective Apr. 6, 1996.

**§ 3319e. New Era Rural Technology Program**

**(a) Definition of community college**

In this section, the term “community college” means an institution of higher education (as defined in section 1001 of title 20)—

(1) that admits as regular students individuals who—

(A) are beyond the age of compulsory school attendance in the State in which the institution is located; and

(B) have the ability to benefit from the training offered by the institution;

(2) that does not provide an educational program for which the institution awards a bachelor’s degree or an equivalent degree; and

(3) that—

(A) provides an educational program of not less than 2 years that is acceptable for full credit toward such a degree; or

(B) offers a 2-year program in engineering, technology, mathematics, or the physical, chemical, or biological sciences, designed to prepare a student to work as a technician or at the semiprofessional level in engineering, scientific, or other technological fields requiring the understanding and application of basic engineering, scientific, or mathematical principles of knowledge.

**(b) Functions**

**(1) Establishment**

**(A) In general**

The Secretary shall establish a program to be known as the “New Era Rural Technology Program”, to make grants available for technology development, applied research, and training to aid in the development of an agriculture-based renewable energy workforce.

**(B) Support**

The initiative under this section shall support the fields of—

- (i) bioenergy;
- (ii) pulp and paper manufacturing; and
- (iii) agriculture-based renewable energy resources.

**(2) Requirements for funding**

To receive funding under this section, an entity shall—

- (A) be a community college or advanced technological center, located in a rural area and in existence on the date of the enactment of this section, that participates in agricultural or bioenergy research and applied research;
- (B) have a proven record of development and implementation of programs to meet the needs of students, educators, and business and industry to supply the agriculture-based, renewable energy or pulp and paper manufacturing fields with certified technicians, as determined by the Secretary; and
- (C) have the ability to leverage existing partnerships and occupational outreach and training programs for secondary schools, 4-year institutions, and relevant nonprofit organizations.

**(c) Grant priority**

In providing grants under this section, the Secretary shall give preference to eligible entities working in partnership—

- (1) to improve information-sharing capacity; and
- (2) to maximize the ability to meet the requirements of this section.

**(d) Authorization of appropriations**

There are authorized to be appropriated to carry out this section such sums as are necessary for each of fiscal years 2008 through 2012.

(Pub. L. 95–113, title XIV, §1473E, as added Pub. L. 110–234, title VII, §7137, May 22, 2008, 122 Stat. 1229, and Pub. L. 110–246, §4(a), title VII, §7137, June 18, 2008, 122 Stat. 1664, 1990.)

REFERENCES IN TEXT

The date of the enactment of this section, referred to in subsec. (b)(2)(A), 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 enacted identical sections. Pub. L. 110–234 was repealed by section 4(a) of Pub. L. 110–246.

PRIOR PROVISIONS

A prior section 3319e, Pub. L. 95–113, title XIV, §1473E, as added Pub. L. 101–220, §5, Dec. 12, 1989, 103 Stat. 1878, related to research into new commercial products from natural plant materials, prior to repeal by Pub. L. 102–237, title IV, §402(14), Dec. 13, 1991, 105 Stat. 1863.

EFFECTIVE DATE

Enactment 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 a note under section 8701 of this title.

**§ 3319f. Beginning farmer and rancher development program**

**(a) Definition of beginning farmer or rancher**

In this section, the term “beginning farmer or rancher” means a person that—

- (1)(A) has not operated a farm or ranch; or
- (B) has operated a farm or ranch for not more than 10 years; and
- (2) meets such other criteria as the Secretary may establish.

**(b) Program**

The Secretary shall establish a beginning farmer and rancher development program to provide training, education, outreach, and technical assistance initiatives for beginning farmers or ranchers.

**(c) Grants**

**(1) In general**

In carrying out this section, the Secretary shall make competitive grants to support new and established local and regional training, education, outreach, and technical assistance initiatives for beginning farmers or ranchers, including programs and services (as appropriate) relating to—

- (A) basic livestock, forest management, and crop farming practices;
- (B) innovative farm, ranch, and private, nonindustrial forest land transfer strategies;
- (C) entrepreneurship and business training;
- (D) financial and risk management training (including the acquisition and management of agricultural credit);
- (E) natural resource management and planning;
- (F) diversification and marketing strategies;
- (G) curriculum development;
- (H) mentoring, apprenticeships, and internships;
- (I) resources and referral;
- (J) farm financial benchmarking;
- (K) assisting beginning farmers or ranchers in acquiring land from retiring farmers and ranchers;
- (L) agricultural rehabilitation and vocational training for veterans;
- (M) farm safety and awareness; and
- (N) other similar subject areas of use to beginning farmers or ranchers.

**(2) Eligibility**

To be eligible to receive a grant under this subsection, the recipient shall be a collabo-