

**(d) Joint peer review panels**

Subject to section 3129a of this title, the Secretary and a cooperating Federal agency may establish joint peer review panels for the purpose of evaluating grant proposals.

(Pub. L. 95-113, title XIV, §1473B, as added Pub. L. 107-171, title VII, §7403(b), May 13, 2002, 116 Stat. 456.)

**PRIOR PROVISIONS**

A prior section 3319b, Pub. L. 95-113, title XIV, §1473B, as added Pub. L. 99-198, title XIV, §1427, Dec. 23, 1985, 99 Stat. 1553, provided for technology development for small- and medium-sized farming operations, prior to repeal by Pub. L. 101-624, title XVI, §1601(f)(1)(E), Nov. 28, 1990, 104 Stat. 3704.

**PURPOSES**

Pub. L. 107-171, title VII, §7403(a), May 13, 2002, 116 Stat. 456, provided that:

“The purposes of this section [enacting this section] are—

- “(1) to reduce the duplication of administrative functions relating to grant awards and administration among Federal agencies conducting similar types of research, education, and extension programs;
- “(2) to maximize the use of peer review resources in research, education, and extension programs; and
- “(3) to reduce the burden on potential recipients that may offer similar proposals to receive competitive grants under different Federal programs in overlapping subject areas.”

**DEFINITIONS**

Pub. L. 107-171, title VII, §7401, May 13, 2002, 116 Stat. 455, provided that: “In this subtitle [subtitle D (§7401-7412) of title VII of Pub. L. 107-171, enacting this section and sections [former] 3310a, [former] 3319f, 5925c, 5925d, and 7630 of this title and provisions set out as notes under this section and sections 3101, [former] 3319f, [former] 5925a, and 5925b of this title]:

- “(1) DEPARTMENT.—The term ‘Department’ means the Department of Agriculture.
- “(2) SECRETARY.—The term ‘Secretary’ means the Secretary of Agriculture.”

**§ 3319c. Repealed. Pub. L. 101-624, title XVI, § 1601(f)(1)(F), Nov. 28, 1990, 104 Stat. 3704**

Section, Pub. L. 95-113, title XIV, §1473C, as added Pub. L. 99-198, title XIV, §1427, Dec. 23, 1985, 99 Stat. 1554, provided for a special technology development research program.

**§ 3319d. Supplemental and alternative crops****(a) Research and pilot project program**

Notwithstanding any other provision of law, during the period beginning October 1, 1986, and ending September 30, 2023, the Secretary shall develop and implement a research project program for the development of supplemental and alternative crops (including canola), using such funds as are appropriated to the Secretary each fiscal year under this chapter.

**(b) Importance to producers**

The development of supplemental and alternative crops for agronomic rotational purposes and as a habitat for honey bees and other pollinators is of critical importance to producers of agricultural commodities.

**(c) Research funding, special or competitive grants, etc.; program requirements; agreements, grants and other arrangements**

(1) The Secretary shall make competitive grants to further the purposes of this section in

the implementation of a comprehensive and integrated program.

(2) The program developed and implemented by the Secretary shall include—

(A) an examination of the adaptation of supplemental and alternative crops;

(B) the establishment and extension of various methods of planting, cultivating, harvesting, and processing supplemental and alternative crops;

(C) the transfer of such applied research to on-farm practice as soon as practicable;

(D) the establishment through grants, cooperative agreements, or other means of such processing, storage, and transportation facilities for supplemental and alternative crops as the Secretary determines will facilitate the achievement of a successful program; and

(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 (including hemp (as defined in section 1639o of this title)) 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;

(2) \$1,000,000 for each of fiscal years 2014 through 2018; and

(3) \$2,000,000 for each of fiscal years 2019 through 2023.

(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; Pub. L. 115-334, title VII, § 7129, Dec. 20, 2018, 132 Stat. 4795.)

## 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

2018—Subsec. (a). Pub. L. 115-334, § 7129(1), substituted “2023” for “2018” and “crops (including canola),” for “crops.”

Subsec. (b). Pub. L. 115-334, § 7129(2), inserted “for agronomic rotational purposes and as a habitat for honey bees and other pollinators” after “alternative crops” and substituted “commodities.” for “commodities whose livelihood is threatened by the decline in demand experienced with respect to certain of their crops due to changes in consumption patterns or other related causes.”

Subsec. (c)(3)(E). Pub. L. 115-334, § 7129(3), inserted “(including hemp (as defined in section 1639o of this title))” after “material”.

Subsec. (e)(3). Pub. L. 115-334, § 7129(4), added par. (3). 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;

(iii) agriculture-based renewable energy resources; and

(iv) precision agriculture.

## (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