

licable, to risk assessment research on all categories identified in subsection (c).

(Pub. L. 101-624, title XVI, §1668, Nov. 28, 1990, 104 Stat. 3767; Pub. L. 102-237, title IV, §407(9), Dec. 13, 1991, 105 Stat. 1865; Pub. L. 107-171, title VII, §7210, May 13, 2002, 116 Stat. 446; Pub. L. 110-234, title VII, §7511(c)(21), May 22, 2008, 122 Stat. 1269; Pub. L. 110-246, §4(a), title VII, §7511(c)(21), June 18, 2008, 122 Stat. 1664, 2031.)

#### 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 L. 110-234 were repealed by section 4(a) of Pub.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). Pub. L. 110-246, §7511(c)(21), substituted “National Institute of Food and Agriculture” for “Cooperative State Research, Education, and Extension Service”.

2002—Pub. L. 107-171 reenacted section catchline and amended text generally, substituting substantially similar provisions in subsecs. (a), (b), and (d) to (g), and substituting in subsec. (c), provisions relating to research priorities for provisions relating to types of research.

1991—Subsec. (g)(2). Pub. L. 102-237 substituted “Withholdings” for “Withholdings” in heading.

#### 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)(21) 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.

#### **§ 5921a. Repealed. Pub. L. 110-234, title VII, § 7411, May 22, 2008, 122 Stat. 1255, and Pub. L. 110-246, § 4(a), title VII, § 7411, June 18, 2008, 122 Stat. 1664, 2017**

Section, Pub. L. 107-171, title X, §10802, May 13, 2002, 116 Stat. 525, related to public information campaign regarding use of biotechnology in producing food for human consumption.

#### CODIFICATION

Pub. L. 110-234 and Pub. L. 110-246 repealed this section. Pub. L. 110-234 was repealed by section 4(a) of Pub. L. 110-246.

#### EFFECTIVE DATE OF REPEAL

Repeal 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.

#### **§ 5922. Repealed. Pub. L. 107-171, title X, § 10705(b), May 13, 2002, 116 Stat. 519**

Section, Pub. L. 101-624, title XVI, §1669, Nov. 28, 1990, 104 Stat. 3768, related to Graduate School of Department of Agriculture.

#### EFFECTIVE DATE OF REPEAL

Repeal of section effective Oct. 1, 2002, see section 10705(c) of Pub. L. 107-171, set out as an Effective Date of 2002 Amendment note under section 2279b of this title.

#### **§ 5923. Repealed. Pub. L. 113-79, title VII, § 7207, Feb. 7, 2014, 128 Stat. 881**

Section, Pub. L. 101-624, title XVI, §1670, as added Pub. L. 107-171, title VI, §6202, May 13, 2002, 116 Stat. 419; amended Pub. L. 110-234, title VII, §7511(c)(22), May 22, 2008, 122 Stat. 1269; Pub. L. 110-246, §4(a), title VII, §7511(c)(22), June 18, 2008, 122 Stat. 1664, 2031, related to rural electronic commerce extension program.

#### PRIOR PROVISIONS

A prior section 5923, Pub. L. 101-624, title XVI, §1670, Nov. 28, 1990, 104 Stat. 3769; Pub. L. 102-237, title IV, §407(10), Dec. 13, 1991, 105 Stat. 1865; Pub. L. 104-127, title VIII, §834, Apr. 4, 1996, 110 Stat. 1169, authorized establishment of livestock product safety and inspection program, prior to repeal by Pub. L. 105-185, title III, §302(c), June 23, 1998, 112 Stat. 563.

#### **§ 5924. Agricultural Genome Initiative**

##### **(a) Goals**

The goals of this section are—

(1) to expand the knowledge of public and private sector entities and persons concerning genomes for species of importance to the food and agriculture sectors in order to maximize the return on the investment in genomics of agriculturally important species;

(2) to focus on the species that will yield scientifically important results that will enhance the usefulness of many agriculturally important species;

(3) to build on genomic research, such as the Human Genome Initiative and the Arabidopsis Genome Project, to understand gene structure and function that is expected to have considerable payoffs in agriculturally important species;

(4) to develop improved bioinformatics to enhance both sequence or structure determination and analysis of the biological function of genes and gene products;

(5) to encourage Federal Government participants to maximize the utility of public and private partnerships for agricultural genome research;

(6) to allow resources developed under this section, including data, software, germplasm, and other biological materials, to be openly accessible to all persons, subject to any confidentiality requirements imposed by law; and

(7) to encourage international partnerships with each partner country responsible for financing its own strategy for agricultural genome research.

##### **(b) Duties of Secretary**

The Secretary of Agriculture (referred to in this section as the “Secretary”) shall conduct a research initiative (to be known as the “Agricultural Genome Initiative”) for the purpose of—

(1) studying and mapping agriculturally significant genes to achieve sustainable and secure agricultural production;

(2) ensuring that current gaps in existing agricultural genetics knowledge are filled;

(3) identifying and developing a functional understanding of genes responsible for economically important traits in agriculturally important species, including emerging plant and animal pathogens and diseases causing economic hardship;

(4) ensuring future genetic improvement of agriculturally important species;

(5) supporting preservation of diverse germ-plasm;

(6) ensuring preservation of biodiversity to maintain access to genes that may be of importance in the future;

(7) reducing the economic impact of plant pathogens on commercially important crop plants; and

(8) otherwise carrying out this section.

**(c) Grants and cooperative agreements**

**(1) Authority**

The Secretary may make grants or enter into cooperative agreements with individuals and organizations in accordance with section 3318 of this title.

**(2) Competitive basis**

A grant or cooperative agreement under this subsection shall be made or entered into on a competitive basis.

**(3) Consortia**

The Secretary shall encourage awards under this section to consortia of eligible entities.

**(d) Administration**

Paragraphs (4), (7), (8), and (11)(B) of subsection (b) of section 450i of this title shall apply with respect to the making of a grant or cooperative agreement under this section.

**(e) Consultation with National Academy of Sciences**

The Secretary may use funds made available under this section to consult with the National Academy of Sciences regarding the administration of the Agricultural Genome Initiative.

(Pub. L. 101-624, title XVI, §1671, Nov. 28, 1990, 104 Stat. 3769; Pub. L. 104-66, title I, §1011(s), Dec. 21, 1995, 109 Stat. 710; Pub. L. 104-127, title VIII, §835, Apr. 4, 1996, 110 Stat. 1169; Pub. L. 105-185, title II, §241, June 23, 1998, 112 Stat. 547; Pub. L. 107-171, title VII, §7208(a), May 13, 2002, 116 Stat. 442; Pub. L. 110-234, title VII, §7406(d)(2), May 22, 2008, 122 Stat. 1252; Pub. L. 110-246, §4(a), title VII, §7406(d)(2), June 18, 2008, 122 Stat. 1664, 2013; Pub. L. 113-79, title VII, §§7128(b)(2)(B), 7208, Feb. 7, 2014, 128 Stat. 878, 881.)

**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**

2014—Subsec. (c)(3). Pub. L. 113-79, §7208, added par. (3).

Subsecs. (e), (f). Pub. L. 113-79, §7128(b)(2)(B), redesignated subsec. (f) as (e) and struck out former subsec. (e) which related to matching of funds.

2008—Subsec. (d). Pub. L. 110-246, §7406(d)(2), substituted “Paragraphs (4), (7), (8), and (11)(B)” for “Paragraphs (1), (6), (7), and (11)”.

2002—Subsec. (b)(3). Pub. L. 107-171, §7208(a)(1), inserted “pathogens and” before “diseases causing economic hardship”.

Subsec. (b)(7), (8). Pub. L. 107-171, §7208(a)(2)-(4), added par. (7) and redesignated former par. (7) as (8).

1998—Pub. L. 105-185 amended section catchline and text generally, substituting present provisions for pro-

visions which in subsec. (a) required plant genome mapping program, in subsec. (b) authorized competitive grants for research projects, in subsec. (c) described research areas for projects, in subsec. (d) set forth deadline for submission of plan for awarding grants, in subsec. (e) directed coordination of section activities with certain related activities, in subsec. (f) required protection of proprietary interests when considered to be appropriate, and in subsec. (g) authorized appropriations for fiscal years 1996 and 1997 to carry out this section. 1996—Subsec. (g). Pub. L. 104-127 inserted “for fiscal years 1996 and 1997” after “appropriated”.

1995—Subsecs. (g), (h). Pub. L. 104-66 redesignated subsec. (h) as (g) and struck out former subsec. (g) which required Secretary to submit annual reports to Congress describing operations of grant program for plant genome mapping.

**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)(2) 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 450i of this title.

**§ 5925. High-priority research and extension initiatives**

**(a) Competitive specialized research and extension grants authorized**

The Secretary of Agriculture (referred to in this section as the “Secretary”) may make competitive grants to support research and extension activities specified in subsections (d) through (g). The Secretary shall make the grants in consultation with the National Agricultural Research, Extension, Education, and Economics Advisory Board.

**(b) Administration**

**(1) In general**

Except as otherwise provided in this section, 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.

**(2) Use of task forces**

To facilitate the making of research and extension grants under this section in the research and extension areas specified in subsections (d) through (g), the Secretary may appoint a task force for each such area to make recommendations to the Secretary. The Secretary may not incur costs in excess of \$1,000 for any fiscal year in connection with each task force established under this paragraph.

**(c) Partnerships encouraged**

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

**(d) High-priority research and extension areas**

**(1) Dairy financial risk management research and extension**

Research and extension grants may be made under this section for the purpose of providing