

## **AGRICULTURAL RESEARCH, EXTENSION, AND EDUCATION REFORM ACT OF 1998**

[Public Law 105-185]

[As Amended Through P.L. 119-21, Enacted July 4, 2025]

**[Currency:** This publication is a compilation of the text of Public Law 105-185. It was last amended by the public law listed in the As Amended Through note above and below at the bottom of each page of the pdf version and reflects current law through the date of the enactment of the public law listed at <https://www.govinfo.gov/app/collection/comps/>]

**[Note:** While this publication does not represent an official version of any Federal statute, substantial efforts have been made to ensure the accuracy of its contents. The official version of Federal law is found in the United States Statutes at Large and in the United States Code. The legal effect to be given to the Statutes at Large and the United States Code is established by statute (1 U.S.C. 112, 204).]

**[Note:** Only freestanding provisions are included in this compilation. Most of the research-related provisions of the Agricultural Research, Extension, and Education Reform Act of 1998 were amendments to other laws.]

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**SECTION 1. [7 U.S.C. 7601 note] SHORT TITLE; TABLE OF CONTENTS.**

(a) **SHORT TITLE.**—This Act may be cited as the “Agricultural Research, Extension, and Education Reform Act of 1998”.

(b) **TABLE OF CONTENTS.**—<sup>2</sup>

**SEC. 2. [7 U.S.C. 7601] DEFINITIONS.**

In this Act:

- (1) **1862 INSTITUTION.**—The term “1862 Institution” means a college or university eligible to receive funds under the Act of July 2, 1862 (12 Stat. 503, chapter 130; 7 U.S.C. 301 et seq.).
- (2) **1890 INSTITUTION.**—The term “1890 Institution” means a college or university eligible to receive funds under the Act of August 30, 1890 (26 Stat. 419, chapter 841; 7 U.S.C. 321 et seq.), including Tuskegee University.

<sup>2</sup>This table of contents is up-to-date and is included for the convenience of the reader. The original table of contents as contained in the Act has not been kept up-to-date.

(3) 1994 INSTITUTION.—The term “1994 Institution” means 1 of the 1994 Institutions (as defined in section 532 of the Equity in Educational Land-Grant Status Act of 1994 (Public Law 103–382; 7 U.S.C. 301 note)) (as amended by section 251(a)).

(4) ADVISORY BOARD.—The term “Advisory Board” means the National Agricultural Research, Extension, Education, and Economics Advisory Board established under section 1408 of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 U.S.C. 3123).

(5) DEPARTMENT.—The term “Department” means the Department of Agriculture.

(6) HISPANIC-SERVING AGRICULTURAL COLLEGES AND UNIVERSITIES.—The term “Hispanic-serving agricultural colleges and universities” has the meaning given the term in section 1404 of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 U.S.C. 3103).

(7) SECRETARY.—The term “Secretary” means the Secretary of Agriculture.

## **TITLE I—PRIORITIES, SCOPE, REVIEW, AND COORDINATION OF AGRICULTURAL RESEARCH, EXTENSION, AND EDUCATION**

### **SEC. 101. [7 U.S.C. 7611] STANDARDS FOR FEDERAL FUNDING OF AGRICULTURAL RESEARCH, EXTENSION, AND EDUCATION.**

(a) IN GENERAL.—The Secretary shall ensure that agricultural research, extension, or education activities described in subsection (b) address a concern that—

(1) is a priority, as determined under section 102(a); and  
(2) has national, multistate, or regional significance.

(b) APPLICATION.—Subsection (a) applies to—

(1) research activities conducted by the Agricultural Research Service; and  
(2) research, extension, or education activities administered, on a competitive basis, by the National Institute of Food and Agriculture.

### **SEC. 102. [7 U.S.C. 7612] PRIORITY SETTING PROCESS.**

(a) ESTABLISHMENT.—Consistent with section 1402 of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 U.S.C. 3101), the Secretary shall establish priorities for agricultural research, extension, and education activities conducted or funded by the Department.

(b) RESPONSIBILITIES OF SECRETARY.—In establishing priorities for agricultural research, extension, and education activities conducted or funded by the Department, the Secretary shall solicit and consider input and recommendations from persons who conduct or use agricultural research, extension, or education.

(c) RESPONSIBILITIES OF 1862, 1890, 1994 INSTITUTIONS AND HISPANIC-SERVING AGRICULTURAL COLLEGES AND UNIVERSITIES.—

(1) PROCESS.—Effective October 1, 1999, to obtain agricultural research, extension, or education formula funds from the

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Secretary, each 1862 Institution, 1890 Institution, 1994 Institution, and Hispanic-serving agricultural college and university shall establish and implement a process for obtaining input from persons who conduct or use agricultural research, extension, or education concerning the use of the funds.

(2) REGULATIONS.—The Secretary shall promulgate regulations that prescribe—

(A) the requirements for an institution referred to in paragraph (1) to comply with paragraph (1); and

(B) the consequences for an institution of not complying with paragraph (1), which may include the withholding or redistribution of funds to which the institution may be entitled until the institution complies with paragraph (1).

(d) MANAGEMENT PRINCIPLES.—To the maximum extent practicable, the Secretary shall ensure that federally supported and conducted agricultural research, extension, and education activities are accomplished in a manner that—

(1) integrates agricultural research, extension, and education functions to better link research to technology transfer and information dissemination activities;

(2) encourages regional and multistate programs to address relevant issues of common concern and to better leverage scarce resources; and

(3) achieves agricultural research, extension, and education objectives through multi-institutional and multifunctional approaches and by conducting research at facilities and institutions best equipped to achieve those objectives.

**SEC. 103. [7 U.S.C. 7613] RELEVANCE AND MERIT OF AGRICULTURAL RESEARCH, EXTENSION, AND EDUCATION FUNDED BY THE DEPARTMENT.**

(a) REVIEW OF NATIONAL INSTITUTE OF FOOD AND AGRICULTURE.—

(1) PEER REVIEW OF RESEARCH GRANTS.—The Secretary shall establish procedures that provide for scientific peer review of each agricultural research grant administered, on a competitive basis, by the National Institute of Food and Agriculture of the Department.

(2) RELEVANCE AND MERIT REVIEW OF RESEARCH, EXTENSION, AND EDUCATION GRANTS.—

(A) ESTABLISHMENT OF PROCEDURES.—The Secretary shall establish procedures that provide for relevance and merit review of each agricultural research, extension, or education grant administered, on a competitive basis, by the National Institute of Food and Agriculture.

(B) CONSULTATION WITH ADVISORY BOARD.—The Secretary shall consult with the Advisory Board in establishing the merit review procedures on a continuous basis.

(3) CONSIDERATION.—Peer and merit review procedures established under paragraphs (1) and (2) shall not take the offer or availability of matching funds into consideration.

(b) ADVISORY BOARD REVIEW.—On an annual basis, the Advisory Board shall review—

(1) the relevance to the priorities established under section 102(a) of the funding of all agricultural research, extension, or education activities conducted or funded by the Department; and

(2) the adequacy of the funding.

(c) REQUESTS FOR PROPOSALS.—

(1) REVIEW RESULTS.—As soon as practicable after the review is conducted under subsection (b) for a fiscal year, the Secretary shall consider the results of the review when formulating each request for proposals, and evaluating proposals, involving an agricultural research, extension, or education activity funded, on a competitive basis, by the Department.

(2) INPUT.—In formulating a request for proposals described in paragraph (1) for a fiscal year, the Secretary shall solicit and consider input from persons who conduct or use agricultural research, extension, or education regarding the prior year's request for proposals.

(d) SCIENTIFIC PEER REVIEW OF AGRICULTURAL RESEARCH.—

(1) PEER REVIEW PROCEDURES.—The Secretary shall establish procedures that ensure scientific peer review of all research activities conducted by the Department.

(2) REVIEW PANEL REQUIRED.—As part of the procedures established under paragraph (1), a review panel shall verify, at least once every 5 years, that each research activity of the Department and research conducted under each research program of the Department has scientific merit and relevance.

(3) MISSION AREA.—If the research activity or program to be reviewed is included in the research, educational, and economics mission area of the Department, the review panel shall consider—

(A) the scientific merit and relevance of the activity or research in light of the priorities established pursuant to section 102; and

(B) the national or multistate significance of the activity or research.

(4) COMPOSITION OF REVIEW PANEL.—

(A) IN GENERAL.—A review panel shall be composed of individuals with scientific expertise, a majority of whom are not employees of the agency whose research is being reviewed.

(B) SCIENTISTS FROM COLLEGES AND UNIVERSITIES.—To the maximum extent practicable, the Secretary shall use scientists from colleges and universities to serve on the review panels.

(5) SUBMISSION OF RESULTS.—The results of the panel reviews shall be submitted to the Advisory Board.

(e) MERIT REVIEW.—

(1) 1862 AND 1890 INSTITUTIONS.—Effective October 1, 1999, to be eligible to obtain agricultural research or extension funds from the Secretary for an activity, each 1862 Institution and 1890 Institution shall—

(A) establish a process for merit review of the activity; and

(B) review the activity in accordance with the process.

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(2) 1994 INSTITUTIONS.—Effective October 1, 1999, to be eligible to obtain agricultural extension funds from the Secretary for an activity, each 1994 Institution shall—  
    (A) establish a process for merit review of the activity; and  
    (B) review the activity in accordance with the process.  
(3) HISPANIC-SERVING AGRICULTURAL COLLEGES AND UNIVERSITIES.—To be eligible to obtain agricultural extension funds from the Secretary for an activity, each Hispanic-serving agricultural college and university shall—  
    (A) establish a process for merit review of the activity; and  
    (B) review the activity in accordance with such process.  
(f) REPEAL OF PROVISIONS FOR WITHHOLDING FUNDS.—  
    (1) SMITH-LEVER ACT.—[Omitted-Amendment]  
    (2) HATCH ACT OF 1887.—[Omitted-Amendment]  
    (3) NATIONAL AGRICULTURAL RESEARCH, EXTENSION, AND TEACHING POLICY ACT OF 1977.—[Omitted-Amendment]

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**TITLE IV—NEW AGRICULTURAL RESEARCH, EXTENSION, AND EDUCATION INITIATIVES**

**SEC. 401.**<sup>401-1</sup>

**SEC. 402.**<sup>4</sup>

**SEC. 403.**<sup>5</sup>

**SEC. 404. [7 U.S.C. 7624] BIOBASED PRODUCTS.**

(a) DEFINITION OF BIOBASED PRODUCT.—In this section, the term “biobased product” means a product suitable for food or nonfood use that is derived in whole or in part from renewable agricultural and forestry materials.

(b) COORDINATION OF BIOBASED PRODUCT ACTIVITIES.—The Secretary of Agriculture shall—

- (1) coordinate the research, technical expertise, economic information, and market information resources and activities of the Department to develop, commercialize, and promote the use of biobased products;
- (2) solicit input from private sector persons who produce, or are interested in producing, biobased products;
- (3) provide a centralized contact point for advice and technical assistance for promising and innovative biobased products; and
- (4) submit an annual report to Congress describing the coordinated research, marketing, and commercialization activities of the Department relating to biobased products.

<sup>4</sup>This section repealed by section 7302 of the Food, Conservation, and Energy Act of 2008 (122 Stat. 2003; P.L. 110-246; effective May 22, 2008).

<sup>5</sup>This section repealed by section 7303 of the Food, Conservation, and Energy Act of 2008 (122 Stat. 2003; P.L. 110-246; effective May 22, 2008).

(c) COOPERATIVE AGREEMENTS FOR BIOBASED PRODUCTS.—

(1) AGREEMENTS AUTHORIZED.—The Secretary may enter into cooperative agreements with private entities described in subsection (d), under which the facilities and technical expertise of the Agricultural Research Service and the Forest Service may be made available to operate pilot plants and other large-scale preparation facilities for the purpose of bringing technologies necessary for the development and commercialization of new biobased products to the point of practical application.

(2) DESCRIPTION OF COOPERATIVE ACTIVITIES.—Cooperative activities may include—

- (A) research on potential environmental impacts of a biobased product;
- (B) methods to reduce the cost of manufacturing a biobased product; and
- (C) other appropriate research.

(3) AUTHORITY OF SECRETARY.—To carry out a cooperative agreement with a private entity under paragraph (1), the Secretary may rent to the private entity equipment, the title of which is held by the Federal Government.

(d) ELIGIBLE PARTNERS.—The following entities shall be eligible to enter into a cooperative agreement under subsection (c):

(1) A party that has entered into a cooperative research and development agreement with the Secretary under section 12 of the Stevenson-Wydler Technology Innovation Act of 1980 (15 U.S.C. 3710a).

(2) A recipient of funding from the Biotechnology Research and Development Corporation.

(3) A recipient of funding from the Secretary under a Small Business Innovation Research Program established under section 9 of the Small Business Act (15 U.S.C. 638).

(e) PILOT PROJECT.—The Secretary, acting through the Agricultural Research Service, may establish and carry out a pilot project under which grants are provided, on a competitive basis, to scientists of the Agricultural Research Service to—

- (1) encourage innovative and collaborative science; and
- (2) during each of fiscal years 1999 through 2012, develop biobased products with promising commercial potential.

(f) SOURCE OF FUNDS.—

(1) IN GENERAL.—Except as provided in paragraph (2), to carry out this section, the Secretary may use—

- (A) funds appropriated to carry out this section; and
- (B) funds otherwise available for cooperative research and development agreements under the Stevenson-Wydler Technology Innovation Act of 1980 (15 U.S.C. 3701 et seq.).

(2) EXCEPTION.—The Secretary may not use funds referred to in paragraph (1)(B) to carry out subsection (e).

(g) SALE OF DEVELOPED PRODUCTS.—For the purpose of determining the market potential for new biobased products produced at a pilot plant or other large-scale preparation facility under a cooperative agreement under this section, the Secretary shall authorize

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the private partner or partners to the agreement to sell the products.

(h) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated such sums as are necessary to carry out this section for each of fiscal years 1999 through 2012.

**SEC. 405. [7 U.S.C. 7625] NATIONAL FOOD SAFETY TRAINING, EDUCATION, EXTENSION, OUTREACH, AND TECHNICAL ASSISTANCE PROGRAM.**

(a) IN GENERAL.—The Secretary shall award grants under this section to carry out the competitive grant program established under section 1011(d) of the Federal Food, Drug, and Cosmetic Act, pursuant to any memoranda of understanding entered into under such section.

(b) INTEGRATED APPROACH.—The grant program described under subsection (a) shall be carried out under this section in a manner that facilitates the integration of food safety standards and guidance with the variety of agricultural production systems, encompassing conventional, sustainable, organic, and conservation and environmental practices.

(c) PRIORITY.—In awarding grants under this section, the Secretary shall give priority to projects that target small and medium-sized farms, beginning farmers, socially disadvantaged farmers, veteran farmers or ranchers (as defined in section 2501(a) of the Food, Agriculture, Conservation, and Trade Act of 1990 (7 U.S.C. 2279(a))), small processors, or small fresh fruit and vegetable merchant wholesalers.

(d) PROGRAM COORDINATION.—

(1) IN GENERAL.—The Secretary shall coordinate implementation of the grant program under this section with the National Integrated Food Safety Initiative.

(2) INTERACTION.—The Secretary shall—

(A) in carrying out the grant program under this section, take into consideration applied research, education, and extension results obtained from the National Integrated Food Safety Initiative; and

(B) in determining the applied research agenda for the National Integrated Food Safety Initiative, take into consideration the needs articulated by participants in projects funded by the program under this section.

(e) GRANTS.—

(1) IN GENERAL.—In carrying out this section, the Secretary shall make competitive grants to support training, education, extension, outreach, and technical assistance projects that will help improve public health by increasing the understanding and adoption of established food safety standards, guidance, and protocols.

(2) ENCOURAGED FEATURES.—The Secretary shall encourage projects carried out using grant funds under this section to include co-management of food safety, conservation systems, and ecological health.

(3) TERM OF GRANT.—A grant under this section shall have a term that is not more than 3 years.

(f) GRANT ELIGIBILITY.—

(1) IN GENERAL.—To be eligible for a grant under this section, an entity shall be—

- (A) a State cooperative extension service;
- (B) a Federal, State, local, or tribal agency, a nonprofit community-based or non-governmental organization, or an organization representing owners and operators of farms, small food processors, or small fruit and vegetable merchant wholesalers that has a commitment to public health and expertise in administering programs that contribute to food safety;
- (C) an institution of higher education (as defined in section 101(a) of the Higher Education Act of 1965 (20 U.S.C. 1001(a))) or a foundation maintained by an institution of higher education;
- (D) a collaboration of 2 or more eligible entities described in this subsection; or
- (E) such other appropriate entity, as determined by the Secretary.

(2) MULTISTATE PARTNERSHIPS.—Grants under this section may be made for projects involving more than 1 State.

(g) REGIONAL BALANCE.—In making grants under this section, the Secretary shall, to the maximum extent practicable, ensure—

- (1) geographic diversity; and
- (2) diversity of types of agricultural production.

(h) TECHNICAL ASSISTANCE.—The Secretary may use funds made available under this section to provide technical assistance to grant recipients to further the purposes of this section.

(i) BEST PRACTICES AND MODEL PROGRAMS.—Based on evaluations of, and responses arising from, projects funded under this section, the Secretary may issue a set of recommended best practices and models for food safety training programs for agricultural producers, small food processors, and small fresh fruit and vegetable merchant wholesalers.

(j) AUTHORIZATION OF APPROPRIATIONS.—For the purposes of making grants under this section, there is authorized to be appropriated \$10,000,000 for each of fiscal years 2019 through 2023.

**SEC. 406. [7 U.S.C. 7626] INTEGRATED RESEARCH, EDUCATION, AND EXTENSION COMPETITIVE GRANTS PROGRAM.**

(a) PURPOSE.—It is the purpose of this section to authorize the Secretary of Agriculture to establish an integrated research, education, and extension competitive grant program to provide funding for integrated, multifunctional agricultural research, extension, and education activities.

(b) COMPETITIVE GRANTS AUTHORIZED.—Subject to the availability of appropriations to carry out this section, the Secretary may award grants to colleges and universities (as defined in section 1404 of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 U.S.C. 3103)), 1994 Institutions, and Hispanic-serving agricultural colleges and universities on a competitive basis for integrated agricultural research, education, and extension projects in accordance with this section.

(c) CRITERIA FOR GRANTS.—Grants under this section shall be awarded to address priorities in United States agriculture, determined by the Secretary in consultation with the Advisory Board,

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that involve integrated research, extension, and education activities.

(d) MATCHING FUNDS REQUIREMENT.—

(1) IN GENERAL.—Subject to paragraph (3), with respect to a grant under this section that provides a particular benefit to a specific agricultural commodity, the recipient of the grant shall provide non-Federal matching funds (including funds from an agricultural commodity promotion, research, and information program) equal to not less than the amount of the grant.

(2) IN-KIND SUPPORT.—Non-Federal matching funds described in paragraph (1) may include in-kind support.

(3) WAIVER.—The Secretary may waive the matching funds requirement under paragraph (1) with respect to a grant if the Secretary determines that—

(A) the results of the grant are of a particular benefit to a specific agricultural commodity, but those results are likely to be applicable to agricultural commodities generally; or

(B)(i) the grant—

(I) involves a minor commodity; and

(II) deals with scientifically important research; and

(ii) the recipient is unable to satisfy the matching funds requirement.

(e) TERM OF GRANT.—A grant under this section shall have a term of not more than 5 years.

(f) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated such sums as are necessary to carry out this section for each of fiscal years 1999 through 2023.

**SEC. 407. [7 U.S.C. 7627] COORDINATED PROGRAM OF RESEARCH, EXTENSION, AND EDUCATION TO IMPROVE VIABILITY OF SMALL AND MEDIUM SIZE DAIRY, LIVESTOCK, AND POULTRY OPERATIONS.**

(a) PROGRAM AUTHORIZED.—The Secretary of Agriculture may carry out a coordinated program of research, extension, and education to improve the competitiveness, viability, and sustainability of small and medium size dairy, livestock, and poultry operations (referred to in this section as “operations”).

(b) COMPONENTS.—To the extent the Secretary elects to carry out the program, the Secretary shall conduct—

(1) research, development, and on-farm extension and education concerning low-cost production facilities and practices, management systems, and genetics that are appropriate for the operations;

(2) in the case of dairy and livestock operations, research and extension on management-intensive grazing systems for dairy and livestock production to realize the potential for reduced capital and feed costs through greater use of management skills, labor availability optimization, and the natural benefits of grazing pastures;

(3) research and extension on integrated crop and livestock or poultry systems that increase efficiencies (including improved use of energy inputs), reduce costs, and prevent envi-

ronmental pollution to strengthen the competitive position of the operations;

(4) economic analyses and market feasibility studies to identify new and expanded opportunities for producers on the operations that provide tools and strategies to meet consumer demand in domestic and international markets, such as cooperative marketing and value-added strategies for milk, meat, and poultry production and processing; and

(5) technology assessment that compares the technological resources of large specialized producers with the technological needs of producers on the operations to identify and transfer existing technology across all sizes and scales and to identify the specific research and education needs of the producers.

(c) ADMINISTRATION.—The Secretary may use the funds, facilities, and technical expertise of the Agricultural Research Service and the National Institute of Food and Agriculture and other funds available to the Secretary (other than funds of the Commodity Credit Corporation) to carry out this section.

**SEC. 408. [7 U.S.C. 7628] SUPPORT FOR RESEARCH REGARDING DISEASES OF WHEAT, TRITICALE, AND BARLEY CAUSED BY *FUSARIUM GRAMINEARUM* OR BY *TELLTIA INDICA*.**

(a) RESEARCH GRANTS AUTHORIZED.—The Secretary of Agriculture may make grants to consortia of land-grant colleges and universities to enhance the ability of the consortia to carry out multi-State research projects aimed at understanding and combating diseases of wheat, triticale, and barley caused by *Fusarium graminearum* and related fungi (referred to in this section as “wheat scab”) or by *Tilletia indica* and related fungi (referred to in this section as “Karnal bunt”).

(b) RESEARCH COMPONENTS.—Funds provided under this section shall be available for the following collaborative, multi-State research activities:

(1) Identification and understanding of the epidemiology of wheat scab or of Karnal bunt, and the toxicological properties of vomitoxin, a toxic metabolite commonly occurring in wheat, triticale, and barley infected with wheat scab.

(2) Development of crop management strategies to reduce the risk of wheat scab or Karnal bunt occurrence.

(3) Development of—

(A) efficient and accurate methods to monitor wheat, triticale, and barley for the presence of Karnal bunt or of wheat scab and resulting vomitoxin contamination;

(B) post-harvest management techniques for wheat, triticale, and barley infected with wheat scab or with Karnal bunt; and

(C) milling and food processing techniques to render wheat scab contaminated grain safe.

(4) Strengthening and expansion of plant-breeding activities to enhance the resistance of wheat, triticale, and barley to wheat scab and to Karnal bunt, including the establishment of a regional advanced breeding material evaluation nursery and a germplasm introduction and evaluation system.

(5) Development and deployment of alternative fungicide application systems and formulations to control wheat scab

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and Karnal bunt and consideration of other chemical control strategies to assist farmers until new more resistant wheat, triticale, and barley varieties are available.

(c) COMMUNICATIONS NETWORKS.—Funds provided under this section shall be available for efforts to concentrate, integrate, and disseminate research, extension, and outreach-orientated information regarding wheat scab or Karnal bunt.

(d) MANAGEMENT.—To oversee the use of a grant made under this section, the Secretary may establish a committee composed of the directors of the agricultural experiment stations in the States in which land-grant colleges and universities that are members of the consortium are located.

(e) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated to carry out this section—

- (1) such sums as may be necessary for each of fiscal years 1999 through 2013;
- (2) \$10,000,000 for each of fiscal years 2014 through 2018; and
- (3) \$15,000,000 for each of fiscal years 2019 through 2023.

(f) LIMITATION ON INDIRECT COSTS.—A recipient of a grant under this section may not use more than 10 percent of the funds provided by the grant for the indirect costs of carrying out the initiatives described in subsection (a).

**SEC. 410. [7 U.S.C. 7630] GRANTS FOR YOUTH ORGANIZATIONS.**

(a) IN GENERAL.—The Secretary, acting through the Director of the National Institute of Food and Agriculture, shall make grants to the Girl Scouts of the United States of America, the Boy Scouts of America, the National 4-H Council, and the National FFA Organization to establish pilot projects to expand the programs carried out by the organizations in rural areas and small towns (including, with respect to the National 4-H Council, activities provided for in Public Law 107-19 (115 Stat. 153)).

(b) FLEXIBILITY.—The Secretary shall provide maximum flexibility in content delivery to each organization receiving funds under this section so as to ensure that the unique goals of each organization, as well as the local community needs, are fully met.

(c) REDISTRIBUTION OF FUNDING WITHIN ORGANIZATIONS AUTHORIZED.—Recipients of funds under this section may redistribute all or part of the funds received to individual councils or local chapters within the councils without further need of approval from the Secretary.

(d) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated to carry out this section—

- (1) such sums as are necessary for each of fiscal years 2008 through 2013; and
- (2) \$3,000,000 for each of fiscal years 2014 through 2023.

**SEC. 411. [7 U.S.C. 7631] AGRICULTURAL BIOTECHNOLOGY RESEARCH AND DEVELOPMENT FOR DEVELOPING COUNTRIES.**

(a) ELIGIBLE ENTITY.—In this section, the term “eligible entity” means—

- (A) an institution of higher education that offers a curriculum in agriculture or the biosciences;

- (B) a nonprofit organization; or
- (C) a consortium of for-profit institutions and agricultural research institutions.

(b) GRANT PROGRAM.—

- (1) IN GENERAL.—The Secretary (acting through the Foreign Agricultural Service) shall establish and administer a program to make competitive grants to eligible entities to develop agricultural biotechnology for developing countries.
- (2) USE OF FUNDS.—Funds provided to an eligible entity under this section may be used for projects that use biotechnology to—
  - (A) enhance the nutritional content of agricultural products that can be grown in developing countries;
  - (B) increase the yield and safety of agricultural products that can be grown in developing countries;
  - (C) increase the yield of agricultural products that are drought- and stress-resistant and that can be grown in developing countries;
  - (D) extend the growing range of crops that can be grown in developing countries;
  - (E) enhance the shelf-life of fruits and vegetables grown in developing countries;
  - (F) develop environmentally sustainable agricultural products that can be grown in developing countries; and
  - (G) develop vaccines to immunize against life-threatening illnesses and other medications that can be administered by consuming genetically-engineered agricultural products.

(c) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated such sums as may be necessary to carry out this section for each of fiscal years 2002 through 2012.

**SEC. 412. [7 U.S.C. 7632] SPECIALTY CROP RESEARCH INITIATIVE.**

(a) DEFINITIONS.—In this section:

- (1) CITRUS DISEASE SUBCOMMITTEE.—The term “citrus disease subcommittee” means the subcommittee established under section 1408A(a)(2) of the National Agricultural Research, Extension, and Teaching Policy Act of 1977.
- (2) INITIATIVE.—The term “Initiative” means the specialty crop research and extension initiative established by sub-section (b).
- (3) SPECIALTY CROP.—The term “specialty crop” has the meaning given that term in section 3 of the Specialty Crops Competitiveness Act of 2004 (7 U.S.C. 1621 note; Public Law 108-465).
- (4) SPECIALTY CROPS COMMITTEE.—The term “specialty crops committee” means the committee established under section 1408A of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 U.S.C. 3123a).

(b) ESTABLISHMENT.—There is established within the Department a specialty crop research and extension initiative to address the critical needs of the specialty crop industry by developing and disseminating science-based tools to address needs of specific crops and their regions, including—

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- (1) research in plant breeding, genetics, genomics, and other methods to improve crop characteristics, such as—
  - (A) product, taste, quality, and appearance;
  - (B) size-controlling rootstock systems for perennial crops;
  - (C) environmental responses and tolerances;
  - (D) nutrient management, including plant nutrient uptake efficiency;
  - (E) pest and disease management, including resistance to pests and diseases resulting in reduced application management strategies; and
  - (F) enhanced phytonutrient content;
- (2) efforts to identify and address threats from pests and diseases, including—
  - (A) threats to specialty crop pollinators;
  - (B) emerging and invasive species; and
  - (C) a more effective understanding and utilization of existing natural enemy complexes;
- (3) efforts—
  - (A) to improve production efficiency, handling and processing, productivity, and profitability over the long term (including specialty crop policy and marketing); and
  - (B) to achieve a better understanding of—
    - (i) the soil rhizosphere microbiome;
    - (ii) pesticide application systems and certified drift-reduction technologies; and
    - (iii) systems to improve and extend the storage life of specialty crops;
- (4) new innovations and technology, including—
  - (A) mechanization and automation of labor-intensive tasks in production and processing;
  - (B) technologies that delay or inhibit ripening;
  - (C) decision support systems driven by phenology and environmental factors;
  - (D) improved monitoring systems for agricultural pests; and
  - (E) effective systems for preharvest and postharvest management of quarantine pests; and
- (5) methods to prevent, detect, monitor, control, and respond to potential food safety hazards in the production and processing of specialty crops, including fresh produce.

(c) **ELIGIBLE ENTITIES.**—The Secretary may carry out this section through—

- (1) Federal agencies;
- (2) national laboratories;
- (3) colleges and universities;
- (4) research institutions and organizations;
- (5) private organizations or corporations;
- (6) State agricultural experiment stations;
- (7) individuals; or
- (8) groups consisting of 2 or more entities described in paragraphs (1) through (7).

(d) **REVIEW OF PROPOSALS.**—In carrying out this section, the Secretary shall award competitive grants on the basis of—

(1) a scientific peer review conducted by a panel of subject matter experts from Federal agencies, non-Federal entities, and the specialty crop industry; and

(2) a review and ranking for merit, relevance, and impact conducted by a panel of specialty crop industry representatives for the specific specialty crop.

(e) CONSULTATION.—Each fiscal year, before conducting the scientific peer review described in paragraph (1) of subsection (d) and the merit and relevancy review described in paragraph (2) of such subsection, the Secretary shall consult with the specialty crops committee regarding such reviews. The committee shall provide the Secretary—

(1) in the first fiscal year in which that consultation occurs, any recommendations for conducting such reviews in such fiscal year; and

(2) in any subsequent fiscal year in which such consultation occurs—

(A) an assessment of the procedures and objectives used by the Secretary for such reviews in the previous fiscal year;

(B) any recommendations for such reviews for the current fiscal year; and

(C) any comments on grants awarded under subsection (d) during the previous fiscal year.

(f) REPORT.—The Secretary shall submit to the Committee on Agriculture of the House of Representatives and the Committee on Agriculture, Nutrition, and Forestry of the Senate a report on—

(1) the results of the consultations with the specialty crops committee (and subcommittees thereof) conducted under subsection (e) of this section and subsection (g) of section 1408A of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 U.S.C. 3123a);

(2) the specialty crops committee's (and subcommittees thereof) recommendations, if any, provided to the Secretary during such consultations; and

(3) the specialty crops committee's (and subcommittees thereof) review of the grants awarded under subsection (d) and (j), as applicable, in the previous fiscal year.

(g) ADMINISTRATION.—

(1) IN GENERAL.—With respect to grants awarded under this section, the Secretary shall seek and accept proposals for grants.

(2) TERM.—The term of a grant under this section may not exceed 10 years.

(3) MATCHING REQUIREMENT.—

(A) IN GENERAL.—An entity receiving a grant under this section shall provide non-Federal matching funds (including funds from an agricultural commodity promotion, research, and information program) equal to not less than the amount of the grant.

(B) IN-KIND SUPPORT.—Non-Federal matching funds described in subparagraph (A) may include in-kind support.

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(4) OTHER CONDITIONS.—The Secretary may set such other conditions on the award of a grant under the Initiative as the Secretary determines to be appropriate.

(h) PRIORITIES.—In making grants under the Initiative, the Secretary shall provide a higher priority to projects that—

(1) are multistate, multi-institutional, or multidisciplinary; and

(2) include explicit mechanisms to communicate results to producers and the public.

(i) BUILDINGS AND FACILITIES.—Funds made available under this section shall not be used for the construction of a new building or facility or the acquisition, expansion, remodeling, or alteration of an existing building or facility (including site grading and improvement, and architect fees).

(j) EMERGENCY CITRUS DISEASE RESEARCH AND EXTENSION PROGRAM.—

(1) ESTABLISHMENT AND PURPOSE.—The Secretary shall establish a competitive research and extension grant program to combat diseases of citrus under which the Secretary awards competitive grants to eligible entities—

(A) to conduct scientific research and extension activities, technical assistance, and development activities to combat citrus diseases and pests, both domestic and invasive, which pose imminent harm to the United States citrus production and threaten the future viability of the citrus industry, including *huanglongbing* and the Asian Citrus Psyllid; and

(B) to provide support for the dissemination and commercialization of relevant information, techniques, and technologies discovered pursuant to research and extension activities funded through—

(i) the emergency citrus disease research and extension program; or

(ii) other research and extension projects intended to solve problems caused by citrus production diseases and invasive pests.

(2) PRIORITY.—In awarding grants under this subsection, the Secretary shall give priority to grants that address the research and extension priorities established pursuant to subsection (g)(4) of section 1408A of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 U.S.C. 3123a).

(3) COORDINATION.—When developing the proposed research and extension agenda and budget under subsection (g)(2) of section 1408A of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 U.S.C. 3123a) for the funds made available under this subsection for a fiscal year, the citrus disease subcommittee shall—

(A) seek input from Federal and State agencies and other entities involved in citrus disease response; and

(B) take into account other public and private citrus-related research and extension projects and the funding for such projects.

(4) NONDUPLICATION.—The Secretary shall ensure that funds made available to carry out the emergency citrus disease research and extension activities under this subsection shall be in addition to and not supplant funds made available to carry out other citrus disease activities carried out by the Department of Agriculture in consultation with State agencies.

(5) AUTHORIZATION OF APPROPRIATIONS.—In addition to the amounts reserved under subsection (k)(1)(C), there are authorized to be appropriated to carry out this subsection, \$25,000,000 for each of fiscal years 2014 through 2018.

(6) DEFINITIONS.—In this subsection:

(A) CITRUS.—The term “citrus” means edible fruit of the family Rutaceae, including any hybrid of such fruits and products of such hybrids that are produced for commercial purposes in the United States.

(B) CITRUS PRODUCER.—The term “citrus producer” means any person that is engaged in the domestic production and commercial sale of citrus in the United States.

(C) EMERGENCY CITRUS DISEASE RESEARCH AND EXTENSION PROGRAM.—The term “emergency citrus disease research and extension program” means the emergency citrus research and extension grant program established under this subsection.

(k) FUNDING.—

(1) MANDATORY FUNDING.—

(A) FISCAL YEARS 2008 THROUGH 2012.—Of the funds of the Commodity Credit Corporation, the Secretary shall make available to carry out this section \$30,000,000 for fiscal year 2008 and \$50,000,000 for each of fiscal years 2009 through 2012, from which activities under each of paragraphs (1) through (5) of subsection (b) shall be allocated not less than 10 percent.

(B) SUBSEQUENT FUNDING.—Of the funds of the Commodity Credit Corporation, the Secretary shall make available to carry out this section—

(i) \$80,000,000 for each of fiscal years 2014 through 2025; and

(ii) \$175,000,000 for fiscal year 2026 and each fiscal year thereafter.

(C) RESERVATION.—For each of fiscal years 2014 through 2018, the Secretary shall reserve not less than \$25,000,000 of the funds made available under subparagraph (B) to carry out the program established under subsection (j).

(D) AVAILABILITY OF FUNDS.—Funds reserved under subparagraph (C) shall remain available and reserved for the purpose described in such subparagraph until expended.

(2) AUTHORIZATION OF APPROPRIATIONS FOR FISCAL YEARS 2014 THROUGH 2023.—In addition to funds made available under paragraph (1), there is authorized to be appropriated to carry out this section \$100,000,000 for each of fiscal years 2014 through 2023.

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(3) FISCAL YEAR 2013.—There is authorized to be appropriated to carry out this section \$100,000,000 for fiscal year 2013.

(4) TRANSFER.—Of the funds made available to the Secretary under paragraph (1) for fiscal year 2008 and authorized for use for payment of administrative expenses under section 1469(a)(3) of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 U.S.C. 3315(a)(3)), the Secretary shall transfer, upon the date of enactment of this section, \$200,000 to the Office of Prevention, Pesticides, and Toxic Substances of the Environmental Protection Agency for use in conducting a meta-analysis relating to methyl bromide.

(5) AVAILABILITY.—Funds made available pursuant to this subsection for a fiscal year shall remain available until expended to pay for obligations incurred in that fiscal year.

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**SEC. 413. [7 U.S.C. 7633] FOOD AND AGRICULTURE SERVICE LEARNING PROGRAM.**

(a) IN GENERAL.—Subject to the availability of appropriations under subsection (e), the Secretary, acting through the Director of the National Institute of Food and Agriculture, and working in consultation with other appropriate Federal agencies that oversee national service programs, shall administer a competitively awarded food and agriculture service learning grant program (referred to in this section as the “Program”) to increase knowledge of agriculture and improve the nutritional health of children.

(b) PURPOSES.—The purposes of the Program are—

(1) to increase capacity for food, garden, and nutrition education within host organizations or entities and school cafeterias and in the classroom;

(2) to complement and build on the efforts of the farm to school programs implemented under section 18(g) of the Richard B. Russell National School Lunch Act (42 U.S.C. 1769(g));

(3) to complement efforts by the Department and school food authorities to implement the school lunch program established under the Richard B. Russell National School Lunch Act (42 U.S.C. 1751 et seq.) and the school breakfast program established by section 4 of the Child Nutrition Act of 1966 (42 U.S.C. 1773);

(4) to carry out activities that advance the nutritional health of children and nutrition education in elementary schools and secondary schools (as those terms are defined in section 8101 of the Elementary and Secondary Education Act of 1965); and

(5) to foster higher levels of community engagement and support the expansion of national service and volunteer opportunities.

(c) GRANTS.—

(1) IN GENERAL.—In carrying out the Program, the Director of the National Institute of Food and Agriculture shall make competitive grants to eligible entities that carry out the purposes described in paragraphs (1) through (5) of subsection (b).

(2) PRIORITIES.—In making grants under this section, the Secretary may consider projects that are carried out by entities that—

- (A) have a proven track record in carrying out the purposes described in subsection (b);
- (B) work in underserved rural and urban communities;
- (C) teach and engage children in experiential learning about agriculture, gardening, nutrition, cooking, and where food comes from; and
- (D) facilitate a connection between elementary schools and secondary schools and agricultural producers in the local and regional area.

(d) ACCOUNTABILITY.—

(1) IN GENERAL.—The Secretary may require a partner organization or other qualified entity to collect and report any data on the activities carried out under the Program, as determined by the Secretary.

(2) EVALUATION.—The Secretary shall—

- (A) conduct regular evaluations of the activities carried out under the Program; and
- (B) submit to the Committee on Agriculture of the House of Representatives and the Committee on Agriculture, Nutrition, and Forestry of the Senate a report that includes a description of the results of each evaluation conducted under subparagraph (A).

(e) FUNDING.—

(1) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out the Program \$25,000,000, to remain available until expended.

(2) ADMINISTRATION.—Paragraphs (4), (7), (8), and (11)(B) of subsection (b) of the Competitive, Special, and Facilities Research Grant Act (7 U.S.C. 450i(b)) shall apply with respect to the making of a competitive grant under this section.

(3) MAINTENANCE OF EFFORT.—Funds made available under paragraph (1) shall be used only to supplement, not to supplant, the amount of Federal funding otherwise expended for nutrition, research, and extension programs of the Department.

## **TITLE VI—MISCELLANEOUS PROVISIONS**

### **Subtitle A—Existing Authorities**

#### **SEC. 601. RETENTION AND USE OF FEES.**

(a) ORGANIC CERTIFICATION.—[Omitted-Amendment]

(b) NATIONAL ARBORETUM.—[Omitted-Amendment]

(c) [7 U.S.C. 7641] PATENT CULTURE COLLECTION FEES.—

(1) RETENTION.—All funds collected by the Agricultural Research Service of the Department of Agriculture in connection with the acceptance of microorganisms for deposit in, or the distribution of microorganisms from, the Patent Culture Collec-

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tion maintained and operated by the Agricultural Research Service shall be credited to the appropriation supporting the maintenance and operation of the Patent Culture Collection.

(2) USE.—The collected funds shall be available to the Agricultural Research Service, without further appropriation or fiscal-year limitation, to carry out its responsibilities under law (including international treaties) with respect to the Patent Culture Collection.

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**SEC. 604. [7 U.S.C. 7642] FOOD ANIMAL RESIDUE AVOIDANCE DATA-BASE PROGRAM.**

(a) CONTINUATION OF PROGRAM.—The Secretary of Agriculture shall continue operation of the Food Animal Residue Avoidance Database program (referred to in this section as the “FARAD program”) through contracts, grants, or cooperative agreements with appropriate colleges or universities.

(b) ACTIVITIES.—In carrying out the FARAD program, the Secretary shall—

(1) provide livestock producers, extension specialists, scientists, and veterinarians with information to prevent drug, pesticide, and environmental contaminant residues in food animal products;

(2) maintain up-to-date information concerning—

(A) withdrawal times on FDA-approved food animal drugs and appropriate withdrawal intervals for drugs used in food animals in the United States, as established under section 512(a) of the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 360b(a));

(B) official tolerances for drugs and pesticides in tissues, eggs, and milk;

(C) descriptions and sensitivities of rapid screening tests for detecting residues in tissues, eggs, and milk; and

(D) data on the distribution and fate of chemicals in food animals;

(3) publish periodically a compilation of food animal drugs approved by the Food and Drug Administration;

(4) make information on food animal drugs available to the public through handbooks and other literature, computer software, a telephone hotline, and the Internet;

(5) furnish producer quality-assurance programs with up-to-date data on approved drugs;

(6) maintain a comprehensive and up-to-date, residue avoidance database;

(7) provide professional advice for determining the withdrawal times necessary for food safety in the use of drugs in food animals; and

(8) engage in other activities designed to promote food safety.

(c) CONTRACT, GRANTS, AND COOPERATIVE AGREEMENTS.—The Secretary shall offer to enter into a contract, grant, or cooperative agreement with 1 or more appropriate colleges and universities to operate the FARAD program. The term of the contract, grant, or

cooperative agreement shall be 3 years, with options to extend the term of the contract triennially.

(d) INDIRECT COSTS.—Federal funds provided by the Secretary under a contract, grant, or cooperative agreement under this section shall be subject to reduction for indirect costs of the recipient of the funds in an amount not to exceed 19 percent of the total Federal funds provided under the contract, grant, or cooperative agreement.

(e) AUTHORIZATION OF APPROPRIATIONS.—In addition to any other funds available to carry out subsection (c), there is authorized to be appropriated to carry out this section \$2,500,000 for each of fiscal years 2008 through 2023.

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## Subtitle B—New Authorities

### SEC. 611. [7 U.S.C. 7651] NUTRIENT COMPOSITION DATA.

(a) IN GENERAL.—The Secretary of Agriculture shall update, on a periodic basis, nutrient composition data.

(b) REPORT.—Not later than 180 days after the date of enactment of this Act, the Secretary shall submit to the Committee on Agriculture of the House of Representatives and the Committee on Agriculture, Nutrition, and Forestry of the Senate a report that describes—

- (1) the method the Secretary will use to update nutrient composition data, including the quality assurance criteria that will be used and the method for generating the data; and
- (2) the timing for updating the data.

### SEC. 613. [7 U.S.C. 7652] ROLE OF SECRETARY REGARDING FOOD AND AGRICULTURAL SCIENCES RESEARCH AND EXTENSION.

The Secretary of Agriculture shall be the principal official in the executive branch responsible for coordinating all Federal research and extension activities related to food and agricultural sciences.

### SEC. 614. [7 U.S.C. 7653] OFFICE OF PEST MANAGEMENT POLICY.

(a) PURPOSE.—The purpose of this section is to establish an Office of Pest Management Policy to provide for the effective coordination of agricultural policies and activities within the Department of Agriculture related to pesticides and of the development and use of pest management tools, while taking into account the effects of regulatory actions of other government agencies.

(b) ESTABLISHMENT OF OFFICE; PRINCIPAL RESPONSIBILITIES.—The Secretary of Agriculture shall establish in the Department an Office of Pest Management Policy, which shall be responsible for—

- (1) the development and coordination of Department policy on pest management and pesticides;
- (2) the coordination of activities and services of the Department, including research, extension, and education activities, regarding the development, availability, and use of economically and environmentally sound pest management tools and practices;

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(3) assisting other agencies of the Department in fulfilling their responsibilities related to pest management or pesticides under the Food Quality Protection Act of 1996 (Public Law 104-170; 110 Stat. 1489), the Federal Insecticide, Fungicide, and Rodenticide Act (7 U.S.C. 136 et seq.), the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 301 et seq.), and other applicable laws; and

(4) performing such other functions as may be required by law or prescribed by the Secretary.

(c) INTERAGENCY COORDINATION.—In support of its responsibilities under subsection (b), the Office of Pest Management Policy shall provide leadership to ensure coordination of interagency activities with the Environmental Protection Agency, the Food and Drug Administration, and other Federal and State agencies.

(d) OUTREACH.—The Office of Pest Management Policy shall consult with agricultural producers that may be affected by pest management or pesticide-related activities or actions of the Department or other agencies as necessary in carrying out the Office's responsibilities under this section.

(e) DIRECTOR.—The Office of Pest Management Policy shall be under the direction of a Director appointed by the Secretary, who shall report directly to the Secretary or a designee of the Secretary.

(f) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated to carry out this section—

(1) such sums as are necessary for each of fiscal years 1999 through 2013; and

(2) \$3,000,000 for each of fiscal years 2014 through 2023.

**SEC. 615. [7 U.S.C. 7654] FOOD SAFETY RESEARCH INFORMATION OFFICE.**

(a) ESTABLISHMENT.—The Secretary of Agriculture shall establish a Food Safety Research Information Office at the National Agricultural Library.

(b) PURPOSE.—The Office shall provide to the research community and the general public information on publicly funded, and to the maximum extent practicable, privately funded food safety research initiatives for the purpose of—

(1) preventing unintended duplication of food safety research; and

(2) assisting the executive and legislative branches of the Federal Government and private research entities to assess food safety research needs and priorities.

(c) COOPERATION.—The Office shall carry out this section in cooperation with the National Institutes of Health, the Food and Drug Administration, the Centers for Disease Control and Prevention, public institutions, and, on a voluntary basis, private research entities.

**SEC. 616. [7 U.S.C. 7655] SAFE FOOD HANDLING EDUCATION.**

The Secretary of Agriculture shall continue to develop a national program of safe food handling education for adults and young people to reduce the risk of food-borne illness. The national program shall be suitable for adoption and implementation through State cooperative extension services and school-based education programs.

**SEC. 617. [7 U.S.C. 7655b] FORESTRY PRODUCTS ADVANCED UTILIZATION RESEARCH.**

(a) ESTABLISHMENT.—The Secretary shall establish a forestry and forestry products research and extension initiative to develop and disseminate science-based tools that address the needs of the forestry sector and their respective regions, forest and timberland owners and managers, and forestry products engineering, manufacturing, and related interests.

(b) ACTIVITIES.—The initiative described in subsection (a) shall include the following activities:

- (1) Research conducted for purposes of—
  - (A) wood quality improvement with respect to lumber strength and grade yield;
  - (B) the development of novel engineered lumber products and renewable energy from wood; and
  - (C) enhancing the longevity, sustainability, and profitability of timberland through sound management and utilization.
- (2) Demonstration activities and technology transfer to demonstrate the beneficial characteristics of wood as a green building material, including investments in life cycle assessment for wood products.
- (3) Projects designed to improve—
  - (A) forestry products, lumber, and evaluation standards and valuation techniques;
  - (B) lumber quality and value-based, on-forest management techniques; and
  - (C) forestry products conversion and manufacturing efficiency, productivity, and profitability over the long term (including forestry product marketing).

## (c) GRANTS.—

(1) IN GENERAL.—The Secretary shall make competitive grants to carry out the activities described in subsection (b).

(2) PRIORITIES.—In making grants under this section, the Secretary shall give higher priority to activities that are carried out by entities that—

- (A) are multistate, multiinstitutional, or multidisciplinary;
- (B) have explicit mechanisms to communicate results to producers, forestry industry stakeholders, policymakers, and the public; and
- (C) have—
  - (i) extensive history and demonstrated experience in forestry and forestry products research;
  - (ii) existing capacity in forestry products research and dissemination; and
  - (iii) a demonstrated means of evaluating and responding to the needs of the related commercial sector.

(3) ADMINISTRATION.—In making grants under this section, the Secretary shall follow the requirements of paragraphs (4), (7), (8), and (11)(B) of subsection (b) of the Competitive, Special, and Facilities Research Grant Act (7 U.S.C. 450i).

(4) TERM.—The term of a grant made under this section may not exceed 10 years.

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(d) COORDINATION.— The Secretary shall ensure that any activities carried out under this section are carried out in coordination with the Forest Service, including the Forest Products Laboratory, and other appropriate agencies of the Department.

(e) REPORT.—The Secretary shall submit an annual report to the Committee on Agriculture of the House of Representatives and the Committee on Agriculture, Nutrition, and Forestry of the Senate describing, for the period covered by the report—

- (1) the research that has been conducted under paragraph (2) of subsection (b);
- (2) the number of buildings the Forest Service has built with wood as the primary structural material; and
- (3) the investments made by the Forest Service in green building and wood promotion.

(f) AUTHORIZATION OF APPROPRIATIONS.—

(1) IN GENERAL.—There are authorized to be appropriated to carry out this section \$7,000,000 for each of fiscal years 2014 through 2023.

(2) MATCHING FUNDS.—To the extent practicable, the Secretary shall match any funds made available under paragraph (1) with funds made available under section 7 of the Forest and Rangeland Renewable Resources Research Act of 1978 (16 U.S.C.1646).

**SEC. 618. [7 U.S.C. 7656] DESIGNATION OF CRISIS MANAGEMENT TEAM WITHIN DEPARTMENT.**

(a) DESIGNATION OF CRISIS MANAGEMENT TEAM.—The Secretary of Agriculture shall designate a Crisis Management Team within the Department of Agriculture, which shall be—

(1) composed of senior departmental personnel with strong subject matter expertise selected from each relevant agency of the Department; and

(2) headed by a team leader with management and communications skills.

(b) DUTIES OF CRISIS MANAGEMENT TEAM.—The Crisis Management Team shall be responsible for the following:

(1) Developing a Department-wide crisis management plan, taking into account similar plans developed by other government agencies and other large organizations, and developing written procedures for the implementation of the crisis management plan.

(2) Conducting periodic reviews and revisions of the crisis management plan and procedures developed under paragraph (1).

(3) Ensuring compliance with crisis management procedures by personnel of the Department and ensuring that appropriate Department personnel are familiar with the crisis management plan and procedures and are encouraged to bring information regarding crises or potential crises to the attention of members of the Crisis Management Team.

(4) Coordinating the Department's information gathering and dissemination activities concerning issues managed by the Crisis Management Team.

(5) Ensuring that Department spokespersons convey accurate, timely, and scientifically sound information regarding cri-

ses or potential crises that can be easily understood by the general public.

(6) Cooperating with, and coordinating among, other Federal agencies, States, local governments, industry, and public interest groups, Department activities regarding a crisis.

(c) ROLE IN PRIORITIZING CERTAIN RESEARCH.—The Crisis Management Team shall cooperate with the Advisory Board in the prioritization of agricultural research conducted or funded by the Department regarding animal health, natural disasters, food safety, and other agricultural issues.

(d) COOPERATIVE AGREEMENTS.—The Secretary shall seek to enter into cooperative agreements with other Federal departments and agencies that have related programs or activities to help ensure consistent, accurate, and coordinated dissemination of information throughout the executive branch in the event of a crisis, such as, in the case of a threat to human health from food-borne pathogens, developing a rapid and coordinated response among the Department, the Centers for Disease Control, and the Food and Drug Administration.

**SEC. 619. DESIGNATION OF KIKA DE LA GARZA SUBTROPICAL AGRICULTURAL RESEARCH CENTER, WESLACO, TEXAS.**

(a) DESIGNATION.—The Federal facilities located at 2413 East Highway 83, and 2301 South International Boulevard, in Weslaco, Texas, and known as the “Subtropical Agricultural Research Center”, shall be known and designated as the “Kika de la Garza Subtropical Agricultural Research Center”.

(b) REFERENCES.—Any reference in a law, map, regulation, document, paper, or other record of the United States to the Federal facilities referred to in subsection (a) shall be deemed to be a reference to the “Kika de la Garza Subtropical Agricultural Research Center”.

**SEC. 620. [7 U.S.C. 7657] SENIOR SCIENTIFIC RESEARCH SERVICE.**

(a) IN GENERAL.—There is established in the Department of Agriculture the Senior Scientific Research Service (referred to in this section as the “Service”).

(b) MEMBERS.—

(1) IN GENERAL.—Subject to paragraphs (2) through (4), the Secretary shall appoint the members of the Service.

(2) QUALIFICATIONS.—To be eligible for appointment to the Service, an individual shall—

(A) have conducted outstanding research in the field of agriculture or forestry;

(B) have earned a doctoral level degree at an institution of higher education (as defined in section 101 of the Higher Education Act of 1965 (20 U.S.C. 1001)); and

(C) meet qualification standards prescribed by the Director of the Office of Personnel Management for appointment to a position at level GS-15 of the General Schedule.

(3) NUMBER.—Not more than 100 individuals may serve as members of the Service at any 1 time.

(4) OTHER REQUIREMENTS.—

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(A) IN GENERAL.—Subject to subparagraph (B) and subsection (d)(2), the Secretary may appoint and employ a member of the Service without regard to—

(i) the provisions of title 5, United States Code, governing appointments in the competitive service;

(ii) the provisions of subchapter I of chapter 35 of title 5, United States Code, relating to retention preference;

(iii) the provisions of chapter 43 of title 5, United States Code, relating to performance appraisal and performance actions;

(iv) the provisions of chapter 51 and subchapter III of chapter 53 of title 5, United States Code, relating to classification and General Schedule pay rates; and

(v) the provisions of chapter 75 of title 5, United States Code, relating to adverse actions.

(B) EXCEPTION.—A member of the Service appointed and employed by the Secretary under subparagraph (A) shall have the same right of appeal to the Merit Systems Protection Board and the same right to file a complaint with the Office of Special Counsel as an employee appointed to a position at level GS-15 of the General Schedule.

(c) PERFORMANCE APPRAISAL SYSTEM.—The Secretary shall develop a performance appraisal system for members of the Service that is designed to—

(1) provide for the systematic appraisal of the employment performance of the members; and

(2) encourage excellence in employment performance by the members.

(d) COMPENSATION.—

(1) IN GENERAL.—Subject to paragraph (2), the Secretary shall determine the compensation of members of the Service.

(2) LIMITATIONS.—The rate of pay for a member of the Service shall—

(A) not be less than the minimum rate payable for a position at level GS-15 of the General Schedule; and

(B) not be more than the rate payable for a position at level I of the Executive Schedule, unless the rate is approved by the President under section 5377(d)(2) of title 5, United States Code.

(e) RETIREMENT CONTRIBUTIONS.—

(1) IN GENERAL.—On the request of a member of the Service who was an employee of an institution of higher education (as defined in section 101 of the Higher Education Act of 1965 (20 U.S.C. 1001)) immediately prior to appointment as a member of the Service and who retains the right to continue to make contributions to the retirement system of the institution, the Secretary may contribute an amount not to exceed 10 percent of the basic pay of the member to the retirement system of the institution on behalf of the member.

(2) FEDERAL RETIREMENT SYSTEM.—

(A) IN GENERAL.—Subject to subparagraph (B), a member for whom a contribution is made under paragraph (1) shall not, as a result of serving as a member of the Service, be covered by, or earn service credit under, chapter 83 or 84 of title 5, United States Code.

(B) ANNUAL LEAVE.—Service of a member of the Service described in subparagraph (A) shall be creditable for determining years of service under section 6303(a) of title 5, United States Code.

(f) INVOLUNTARY SEPARATION.—

(1) IN GENERAL.—Subject to paragraph (2) and notwithstanding the provisions of title 5, United States Code, governing appointment in the competitive service, in the case of an individual who is separated from the Service involuntarily and without cause—

(A) the Secretary may appoint the individual to a position in the competitive civil service at level GS-15 of the General Schedule; and

(B) the appointment shall be a career appointment.

(2) EXCEPTED CIVIL SERVICE.—In the case of an individual described in paragraph (1) who immediately prior to appointment as a member of the Service was not a career appointee in the civil service or the Senior Executive Service, the appointment of the individual under paragraph (1)—

(A) shall be to the excepted civil service; and

(B) may not exceed a period of 2 years.

## Subtitle D—Senses of Congress

### SEC. 641. SENSE OF CONGRESS REGARDING AGRICULTURAL RESEARCH SERVICE EMPHASIS ON FIELD RESEARCH REGARDING METHYL BROMIDE ALTERNATIVES.

It is the sense of Congress that, of the Agricultural Research Service funds made available for a fiscal year for research regarding the development for agricultural use of alternatives to methyl bromide, the Secretary of Agriculture should use a substantial portion of the funds for research to be conducted in real field conditions, especially pre-planting and post-harvest conditions, so as to expedite the development and commercial use of methyl bromide alternatives.

### SEC. 642. SENSE OF CONGRESS REGARDING IMPORTANCE OF SCHOOL-BASED AGRICULTURAL EDUCATION.

It is the sense of Congress that the Secretary of Agriculture and the Secretary of Education should collaborate and cooperate in providing both instructional and technical support for school-based agricultural education.