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1 **Subtitle A—General Provisions**

2 **SEC. 7101. DEFINITIONS.**

3 For purposes of this title:

4 (1) **CAPACITY PROGRAM.**—The term “capacity
5 program” means the capacity program in subpara-
6 graph (M) and each of the following agricultural re-
7 search, extension, education, and related programs
8 for which the Secretary has administrative or other
9 authority as of the day before the date of enactment
10 of this Act:

11 (A) Each program providing funding to
12 any of the 1994 institutions under sections 533,
13 534(a), and 535 of the Equity in Educational
14 Land-Grant Status Act of 1994 (Public Law
15 103–382; 7 U.S.C. 301 note) (commonly known

1 as financial assistance, technical assistance, and
2 endowments to tribal colleges and the Navajo
3 Community College).

4 (B) The program established under section
5 536 of the Equity in Educational Land-Grant
6 Status Act of 1994 (Public Law 103–382; 7
7 U.S.C. 301 note) providing research grants for
8 1994 institutions.

9 (C) Each program established under sub-
10 sections (b), (c), and (d) of section 3 of the
11 Smith-Lever Act (7 U.S.C. 343).

12 (D) Each program established under the
13 Hatch Act of 1887 (7 U.S.C. 361a et seq.).

14 (E) Each program established under sec-
15 tion 1417(b)(4) of the National Agricultural
16 Research, Extension, and Teaching Policy Act
17 of 1977 (7 U.S.C. 3152(b)(4)), including grant
18 programs under that section (commonly known
19 as the 1890 Institution Teaching and Research
20 Capacity Building Grants Program).

21 (F) The animal health and disease re-
22 search program established under subtitle E of
23 the National Agricultural Research, Extension,
24 and Teaching Policy Act of 1977 (7 U.S.C.
25 3191 et seq.).

1 (G) The program established under section
2 1445 of the National Agricultural Research,
3 Extension, and Teaching Policy Act of 1977 (7
4 U.S.C. 3222) (commonly known as the Evans-
5 Allen Program).

6 (H) The program providing grants to up-
7 grade agricultural and food sciences facilities at
8 1890 Institutions established under section
9 1447 of the National Agricultural Research,
10 Extension, and Teaching Policy Act of 1977 (7
11 U.S.C. 3222b).

12 (I) The program providing distance edu-
13 cation grants for insular areas established
14 under section 1490 of the National Agricultural
15 Research, Extension, and Teaching Policy Act
16 of 1977 (7 U.S.C. 3362).

17 (J) The program providing resident in-
18 struction grants for insular areas established
19 under section 1491 of the National Agricultural
20 Research, Extension, and Teaching Policy Act
21 of 1977 (7 U.S.C. 3363).

22 (K) Each research and development and
23 related program established under Public Law
24 87-788 (commonly known as the McIntire-

1 Stennis Cooperative Forestry Act; 16 U.S.C.
2 582a et seq.).

3 (L) Each program established under the
4 Renewable Resources Extension Act of 1978
5 (16 U.S.C. 1671 et seq.).

6 (M) The capacity building grant program
7 for ASCARR Institutions established under this
8 Act.

9 (N) Such other programs or parts of pro-
10 grams as determined appropriate by the Sec-
11 retary.

12 (O) The program providing competitive ex-
13 tension grants to eligible 1994 institutions
14 under section 3(b)(3) of the Smith-Lever Act (7
15 U.S.C. 343(b)(3)).

16 (2) COMPETITIVE PROGRAMS.—The term “com-
17 petitive programs” means the competitive program
18 in subparagraph (N) and each of the following agri-
19 cultural research, extension, education, and related
20 programs for which the Secretary has administrative
21 or other authority as of the day before the date of
22 enactment of this Act:

23 (A) Competitive grant programs authorized
24 or otherwise administered by the Department of
25 Agriculture under the terms of section 2(b) of

1 the Competitive, Special and Facilities Research
2 Grant (7 U.S.C. 450i).

3 (B) Institution Challenge Grants, adminis-
4 tered under 1417(j) of the National Agricul-
5 tural Research, Extension, and Teaching Policy
6 Act of 1977, as amended (7 U.S.C. 3152(j)).

7 (C) Grants and related authorities author-
8 ized or otherwise administered by the Secretary
9 of Agriculture under section 1417(b)(5) of the
10 National Agricultural Research, Extension, and
11 Teaching Policy Act of 1977, as amended (7
12 U.S.C. 3152(b)(5)) (commonly known as the
13 Higher Education Multicultural Scholars Pro-
14 gram).

15 (D) Programs authorized or otherwise ad-
16 ministered under section 1455 of the National
17 Agricultural Research, Extension, and Teaching
18 Policy Act of 1977 (7 U.S.C. 3241(c)) (com-
19 monly known as educational grant programs for
20 Hispanic-serving institutions).

21 (E) Integrated research, education, or ex-
22 tension programs authorized or otherwise ad-
23 ministered under section 406 of the Agricul-
24 tural Research, Extension, and Education Re-

1 form Act of 1998 (7 U.S.C. 7626) except as
2 provided under subsection (a)(14).

3 (F) Sustainable Agriculture Research and
4 Education (7 U.S.C. 5811).

5 (G) Organic Research and Extension Ini-
6 tiative (7 U.S.C. 5925b).

7 (H) Higher Education Challenge Grants (7
8 U.S.C. 3152(b)(1)).

9 (I) Food and Agriculture Sciences National
10 Needs Graduate and Postgraduate Fellowship
11 Grants (7 U.S.C. 3152(b)(6)).

12 (J) International Science and Education
13 Competitive Grants (7 U.S.C. 3292b).

14 (K) Community Food Projects Competitive
15 Grants (7 U.S.C. 2034).

16 (L) Risk Management Education (7 U.S.C.
17 1524).

18 (M) High Priority Research and Extension
19 Areas (7 U.S.C. 5925).

20 (N) Such other programs or parts of pro-
21 grams as determined appropriate by the Sec-
22 retary.

23 (3) CAPACITY PROGRAM CRITICAL BASE FUND-
24 ING.—The term “capacity program critical base
25 funding” means the aggregate amount of Federal

1 funds made available for all or individual capacity
2 programs for fiscal year 2007, as appropriate.

3 (4) COMPETITIVE PROGRAM CRITICAL BASE
4 FUNDING.—The term “competitive program critical
5 base funding” means the aggregate amount of Fed-
6 eral funds made available for all or individual com-
7 petitive programs for fiscal year 2007, as appro-
8 priate.

9 (5) ASCARR INSTITUTION.—

10 (A) IN GENERAL.—The term “ASCARR
11 Institution” means a public college or university
12 offering a baccalaureate or higher degree in the
13 study of agriculture.

14 (B) EXCLUSIONS.—The term “ASCARR
15 Institution” does not include Hispanic-serving
16 agricultural colleges or any institution des-
17 ignated under—

18 (i) the Act of July 2, 1862 (commonly
19 known as the “First Morrill Act”; 7 U.S.C.
20 301 et seq.);

21 (ii) the Act of August 30, 1890 (com-
22 monly known as the “Second Morrill Act”;
23 7 U.S.C. 321 et seq.); or

1 (iii) the Equity in Educational Land-
2 Grant Status Act of 1994 (Public Law
3 103–382; 7 U.S.C. 301 note).

4 (6) SECRETARY.—The term “Secretary” means
5 the Secretary of Agriculture.

6 (7) DIRECTORS.—The term “Directors” refers
7 to those directors appointed under section 7104.

8 (8) UNDER SECRETARY.—The term “Under
9 Secretary” means the Under Secretary of Agri-
10 culture for Research, Education, and Economics.

11 (9) HISPANIC-SERVING AGRICULTURAL COL-
12 LEGE.—The term “Hispanic-serving agricultural col-
13 lege” means a college or university that—

14 (A) qualifies as a “Hispanic-serving insti-
15 tution” as defined in section 502(a)(5) of the
16 Higher Education Act of 1965 (20 U.S.C.
17 1101a(a)(5)); and

18 (B) offers a baccalaureate degree program
19 in an agricultural or food science-related dis-
20 cipline.

21 **SEC. 7102. BUDGET SUBMISSION AND FUNDING.**

22 (a) BUDGET REQUEST.—The President shall submit
23 to Congress, together with the annual budget submission
24 of the President, a single budget line item reflecting the
25 total amount requested by the President for funding for

1 capacity programs, and a single budget line item reflecting
2 the total amount requested by the President for funding
3 for competitive programs for that fiscal year and for the
4 previous 5 fiscal years.

5 (b) CAPACITY PROGRAM REQUEST.—

6 (1) CRITICAL BASE FUNDING.—Up to the
7 amount of the capacity program critical base fund-
8 ing level, any funds requested for capacity programs
9 in the budget submission single line item shall be
10 apportioned among the capacity programs based on
11 priorities established by the Under Secretary in con-
12 junction with the Directors.

13 (2) ADDITIONAL FUNDING.—Of the funds re-
14 quested for capacity programs in excess of the ca-
15 pacity program critical base funding level, budgetary
16 emphasis should be placed on enhancing funding for
17 the 1890, 1994, ASCARR Institutions, Hispanic-
18 serving agricultural colleges, and small 1862 institu-
19 tions.

20 (c) COMPETITIVE PROGRAM REQUEST.—

21 (1) CRITICAL BASE FUNDING.—Up to the
22 amount of the competitive program critical base
23 funding level, any funds requested for competitive
24 programs in the budget submission single line item
25 shall be apportioned among the competitive pro-

1 grams based on priorities established by the Under
2 Secretary in conjunction with the Directors.

3 (2) ADDITIONAL FUNDING.—Of the funds re-
4 quested for competitive programs in excess of the
5 competitive program critical base funding level,
6 budgetary emphasis shall be placed on enhancing
7 funding for emerging problems and their solutions.

8 (d) FUNDING.—

9 (1) CRITICAL BASE FUNDING.—Up to the total
10 aggregate amount of the capacity program critical
11 base funding level and the competitive program crit-
12 ical base funding level, funds appropriated or other-
13 wise made available shall be apportioned among each
14 of the capacity programs and the competitive pro-
15 grams based on priorities established by the Under
16 Secretary in conjunction with the Directors.

17 (2) ADDITIONAL FUNDING.—

18 (A) CAPACITY FUNDING.—Of the funds
19 appropriated or otherwise made available for
20 capacity programs in excess of the capacity pro-
21 gram critical base funding level, funding em-
22 phasis should be placed on enhancing funding
23 for the 1890, 1994, ASCARR Institutions, His-
24 panic-serving agricultural colleges, and small
25 1862 institutions.

1 (B) COMPETITIVE FUNDING.—Of the
2 funds appropriated or otherwise made available
3 for competitive programs in excess of the com-
4 petitive program critical base funding level,
5 budgetary emphasis shall be placed on enhanc-
6 ing funding for emerging problems and solu-
7 tions.

8 (e) AUTHORIZATION OF APPROPRIATIONS.—There
9 are authorized to be appropriated such sums as necessary
10 to carry out this section.

11 (f) COMPETITIVE PROGRAMS.—For the purposes of
12 this section, the term “competitive programs” includes
13 only those programs for which annual appropriations are
14 requested in the President’s budget.

15 **SEC. 7103. ADDITIONAL PURPOSES OF AGRICULTURAL RE-**
16 **SEARCH AND EXTENSION.**

17 Section 1403 of the National Agricultural Research,
18 Extension, and Teaching Policy Act of 1977 (7 U.S.C.
19 3102) is amended—

20 (1) in paragraph (6), by striking “and” at the
21 end;

22 (2) in paragraph (7), by striking the period and
23 inserting a semicolon; and

24 (3) by adding after paragraph (7) the following:

1 “(8) to integrate and organize the administra-
2 tion of the agricultural research, extension, edu-
3 cation, and related programs administered by the
4 Secretary of Agriculture to respond to 21st century
5 challenges and continue to meet the needs of society
6 from a local, tribal, State, national, and inter-
7 national perspective;

8 “(9) to minimize duplication, and maximize co-
9 ordination and integration, among all of the pro-
10 grams at all levels through a solution-based ap-
11 proach; and

12 “(10) to position the agricultural research, ex-
13 tension, education, and related programs system to
14 increase the contribution of the system to society
15 through the expansion of the portfolio of the sys-
16 tem.”.

17 **SEC. 7104. NATIONAL AGRICULTURAL RESEARCH PRO-**
18 **GRAM OFFICE.**

19 (a) ESTABLISHMENT.—The Under Secretary shall
20 organize within the office of the Under Secretary 6 re-
21 search Program Offices to be known collectively as the Na-
22 tional Agricultural Research Program Office, which shall
23 coordinate the programs and activities of the research
24 agencies within the mission area in an integrated, multi-
25 disciplinary, interdisciplinary, interagency, and inter-

1 institutional manner, to the maximum extent practicable.

2 The Program Offices within the National Agricultural Re-

3 search Program Office are as follows:

4 (1) Renewable energy, natural resources, and

5 environment.

6 (2) Food safety, nutrition, and health.

7 (3) Plant health and production.

8 (4) Animal health and production and animal

9 products.

10 (5) Agriculture systems and technology.

11 (6) Agriculture economics and rural commu-

12 nities.

13 (b) QUALIFICATIONS OF DIRECTORS.—

14 (1) APPOINTMENT AND CLASSIFICATION.—The

15 Under Secretary shall appoint a Director for each

16 Program Office as a senior level position in the com-

17 petitive service.

18 (2) QUALIFICATIONS.—To be eligible for ap-

19 pointment as a Director, an individual shall have—

20 (A) conducted outstanding research, edu-

21 cation, or extension in the field of agriculture or

22 forestry;

23 (B) earned a doctoral level degree at an in-

24 stitution of higher education (as defined in sec-

1 tion 101 of Public Law 89–329 (20 U.S.C.
2 1001)); and

3 (C) met qualification standards prescribed
4 by the Director of the Office of Personnel Man-
5 agement for appointment to a senior level posi-
6 tion of the competitive service.

7 (c) DUTIES OF DIRECTORS.—Except as otherwise
8 provided in this Act, each Director as appointed by the
9 Secretary shall—

10 (1) formulate programs in consultation with the
11 National Agricultural Research, Extension, Edu-
12 cation, and Economics Advisory Board (7 U.S.C.
13 3123) (hereinafter referred to as the “Board”);

14 (2) assess strategic workforce needs of research,
15 education, extension, and other fields;

16 (3) cooperate with the Board to plan programs
17 that assist in meeting the future personnel needs of
18 disciplines and programs;

19 (4) develop strategic planning for department-
20 wide research, education, extension, and related ac-
21 tivities;

22 (5) establish department-wide priorities for re-
23 search, education, extension, and related programs;

24 (6) communicate with research, education, and
25 extension beneficiaries to identify their needs; and

1 (7) perform such other duties deemed necessary
2 by the Secretary.

3 (d) ADMINISTRATION.—The Under Secretary, in con-
4 junction with the Directors and in consultation with the
5 Board, shall direct and coordinate research, education,
6 and extension programs within the relevant agencies of the
7 Department of Agriculture to focus those programs, and
8 the participants, grantees, and other beneficiaries of those
9 programs, on—

10 (1) understanding important problem areas and
11 opportunities relating to a program;

12 (2) discovering and implementing solutions to
13 address those problem areas;

14 (3) exploring other opportunities provided
15 under the programs; and

16 (4) national, regional and local priorities.

17 (e) PROGRAM INTEGRATION AND COORDINATION.—

18 (1) IN GENERAL.—In accordance with applica-
19 ble law (including regulations), the Under Secretary,
20 in coordination with the Director of each Program
21 Office and taking into consideration the advice of
22 the Board, shall ensure, to the maximum extent
23 practicable, that the research, education, and exten-
24 sion programs are administered, funded, and carried
25 out—

- 1 (A) in an integrated, multidisciplinary,
2 interdisciplinary, interagency, and interinstitu-
3 tional manner that ensures—
- 4 (i) the most efficient collaborative use
5 of resources; and
- 6 (ii) the focus of all resources and ac-
7 tivities on strategic, priority, problem, op-
8 portunity, and solution areas identified by
9 the Under Secretary and the Directors,
10 taking into consideration the advice of the
11 Board; and
- 12 (B) among applicable participants, grant-
13 ees, and beneficiaries, in a coordinated manner
14 that encourages and ensures—
- 15 (i) the most efficient collaborative ap-
16 plication of resources; and
- 17 (ii) the focus of all resources and ac-
18 tivities on strategic, priority, problem, op-
19 portunity, and solution areas on a local,
20 State, tribal, regional, national, and inter-
21 national basis, as the Under Secretary and
22 each Director, taking into consideration
23 the advice of the Board, determine to be
24 appropriate.

1 (2) SCOPE.—Each Director, in consultation
2 with the Under Secretary and the Board, shall en-
3 sure, through the integration and coordination under
4 paragraph (1), that opportunities are maximized
5 with respect to—

6 (A) the use of appropriate authorities,
7 agencies, institutions, disciplines, and activities;
8 and

9 (B) the inclusion of appropriate partici-
10 pants and other beneficiaries in those activities,
11 including intramural, extramural, Government,
12 university, extension, and international, as de-
13 termined by the Under Secretary.

14 (f) FUNDING.—The Under Secretary shall fund each
15 Program Office through the appropriations available to
16 the various agencies within the mission area. The aggre-
17 gate staff for all Program Offices shall not exceed 30 full-
18 time equivalent positions and shall be filled by current full-
19 time equivalent positions.

20 (g) ORGANIZATION.—The Under Secretary shall inte-
21 grate leadership functions of the national program staff
22 of the research agencies into the National Agricultural Re-
23 search Program Office in such form as required to ensure
24 that the Directors of the Program Offices are the primary
25 program leaders for the mission areas of the integrated

1 agencies and that administrative duplication does not
2 occur.

3 (h) PRIORITIZING FEDERAL RESEARCH ACTIVITIES
4 FOR SPECIALTY CROPS.—The Under Secretary, in coordi-
5 nation with the Directors of relevant Program Offices,
6 shall—

7 (1) coordinate with and assist producers and
8 organizations comprised of program beneficiaries
9 working together to develop and implement applied
10 research and extension related to the United States
11 specialty crop industry;

12 (2) facilitate in the delivery of information to
13 beneficiaries in a user-friendly form, in addition to
14 a standard research publication, and reward pro-
15 viders for their abilities to deliver information to
16 both the scientific community and the end-user; and

17 (3) ensure coordination among research initia-
18 tives funded and sponsored by the Department of
19 Agriculture.

20 **SEC. 7105. ESTABLISHMENT OF COMPETITIVE GRANT PRO-**
21 **GRAMS UNDER THE NATIONAL INSTITUTE**
22 **FOR FOOD AND AGRICULTURE.**

23 Any office established to administer competitive pro-
24 grams under section 7101(b)(2), including the Agricul-
25 tural Bioenergy and Biobased Products Research Initia-

1 tive, the Specialty Crop Research Initiative, and Fresh
2 Cut Produce Safety Grants created by this Act, shall be
3 referred to as the National Institute of Food and Agri-
4 culture.

5 **SEC. 7106. MERGING OF IFAFS AND NRI.**

6 (a) AMENDMENT.—Subsection (b) of the Competi-
7 tive, Special, and Facilities Research Grant Act (7 U.S.C.
8 450i(b)) is amended to read as follows:

9 “(b) COMPETITIVE GRANT PROGRAMS.—

10 “(1) COMPETITIVE BASIS.—The Secretary of
11 Agriculture is authorized to make competitive grants
12 for the purposes and priorities established under this
13 subsection.

14 “(2) TERM.—The term of a competitive grant
15 made under this subsection may not exceed 10
16 years.

17 “(3) GENERAL ADMINISTRATION.—In making
18 grants under this subsection, the Secretary shall—

19 “(A) seek and accept proposals for grants;

20 “(B) determine the relevance and merit of
21 proposals through a system of peer and merit
22 review in accordance with section 103 of the
23 Agricultural Research, Extension, and Edu-
24 cation Reform Act of 1998 (7 U.S.C. 7613);

1 “(C) award grants on the basis of merit,
2 quality, and relevance to advancing the pur-
3 poses and priorities established under para-
4 graphs (8) and (12) of this subsection;

5 “(D) solicit and consider input from per-
6 sons who conduct or use agricultural research,
7 extension, or education in accordance with sec-
8 tion 102(b) of the Agricultural Research, Ex-
9 tension, and Education Reform Act of 1998 (7
10 U.S.C. 7612(b)); and

11 “(E) in seeking proposals for grants under
12 this subsection and in performing peer review
13 evaluations of such proposals, seek the widest
14 participation of qualified scientists in the Fed-
15 eral Government, colleges and universities,
16 State agricultural experiment stations, and the
17 private sector.

18 “(4) ELIGIBLE ENTITIES.—The Secretary may
19 make a grant under this subsection to State agricul-
20 tural experiment stations, all colleges and univer-
21 sities, university research foundations, other re-
22 search institutions and organizations, Federal agen-
23 cies, national laboratories, private organizations or
24 corporations, and individuals, for research to further
25 the programs of the Department of Agriculture.

1 “(5) ADMINISTRATIVE COSTS.—Not more than
2 4 percent of funds made available pursuant to this
3 subsection may be retained by the Secretary to pay
4 administrative costs incurred by the Secretary in
5 carrying out this subsection.

6 “(6) CONSTRUCTION PROHIBITED.—Funds
7 made available for grants under this subsection shall
8 not be used for the construction of a new building
9 or facility or the acquisition, expansion, remodeling,
10 or alteration of an existing building or facility (in-
11 cluding site grading and improvement and architect
12 fees).

13 “(7) PURPOSES.—The purposes of the pro-
14 grams established under paragraph (8) shall reflect
15 the purposes and additional purposes of agricultural
16 research, extension, and education reflected in sec-
17 tions 1402 and 1403 of the National Agricultural
18 Research, Extension, and Teaching Policy Act of
19 1977 (7 U.S.C. 3101 and 3102).

20 “(8) BASIC AND APPLIED RESEARCH PRO-
21 GRAMS.—The Secretary shall establish 2 distinct
22 programs of agricultural research, one to fund fun-
23 damental, basic research pursuant to paragraph (9)
24 to be known as the National Research Initiative and
25 one to fund applied, integrated research, education,

1 and extension pursuant to paragraph (10) to be
2 known as the Initiative for Future Agricultural and
3 Food Systems.

4 “(9) NATIONAL RESEARCH INITIATIVE.—

5 “(A) ALLOCATION.—The allocation of
6 funds to the National Research Initiative shall
7 be as follows:

8 “(i) Not less than 30 percent shall be
9 available to make grants for research to be
10 conducted by multidisciplinary teams.

11 “(ii) Not less than 20 percent shall be
12 available to make grants for research to be
13 conducted by persons conducting mission-
14 linked systems research.

15 “(iii) Not less than 10 percent shall
16 be available to make grants under subpara-
17 graphs (D), (F), and (G) of paragraph
18 (13) for research and education strength-
19 ening and research opportunity.

20 “(iv) Not more than 2 percent may be
21 used for equipment grants under para-
22 graph (13)(D).

23 “(B) MATCHING FUNDS.—Except as pro-
24 vided in this subparagraph, the Secretary may
25 not take the offer or availability of matching

1 funds into consideration in making a grant
2 under this subsection. In the case of grants
3 under paragraph (13)(D), the amount provided
4 under this subsection may not exceed 50 per-
5 cent of the cost of the special research equip-
6 ment or other equipment acquired. The Sec-
7 retary may waive all or part of the matching re-
8 quirement under this subparagraph in the case
9 of a college, university, or research foundation
10 maintained by a college or university that ranks
11 in the lowest one-third of such colleges, univer-
12 sities, and research foundations on the basis of
13 Federal research funds received if the equip-
14 ment to be acquired costs not more than
15 \$25,000 and has multiple uses within a single
16 research project or is usable in more than 1 re-
17 search project.

18 “(10) INITIATIVE FOR FUTURE AGRICULTURAL
19 AND FOOD SYSTEMS MATCHING FUNDS.—As a con-
20 dition of making a grant under this paragraph, the
21 Secretary shall require the funding of the grant be
22 matched with equal matching funds from a non-Fed-
23 eral source if the grant is—

24 “(A) for applied research that is com-
25 modity-specific; and

1 “(B) not of national scope.

2 “(11) RESEARCH PRIORITIES.—The research
3 priorities for the programs established in paragraph
4 (8) shall be consistent with the priorities in effect
5 for the National Research Initiative (7 U.S.C.
6 450i(b)) and Initiative for Future Agricultural and
7 Food Systems (7 U.S.C. 7621) on the day before the
8 date of enactment of this subsection. Priorities
9 under the Initiative for Future Agricultural and
10 Food Systems shall include classical plant and ani-
11 mal breeding.

12 “(12) PROGRAM ADMINISTRATION.—To the
13 greatest extent possible, the Under Secretary, in
14 conjunction with the Directors of the National Agri-
15 cultural Research Program Offices established in
16 section 7104 of the **[Farm Bill 2007]**, shall allocate
17 these grants to high priority research taking into
18 consideration, when available, the determinations
19 made by the National Agricultural Research, Exten-
20 sion, Education, and Economics Advisory Board (as
21 established under section 1408 of the National Agri-
22 cultural Research, Extension, and Teaching Policy
23 Act of 1977 (7 U.S.C. 3123).

24 “(13) SPECIAL CONSIDERATIONS.—In addition
25 to making research grants under paragraph (9), the

1 Secretary may conduct a program to improve re-
2 search capabilities in the agricultural, food, and en-
3 vironmental sciences and award the following cat-
4 egories of competitive grants. Grants may be award-
5 ed—

6 “(A) to a single investigator or coinvestiga-
7 tors within the same discipline;

8 “(B) to teams of researchers from dif-
9 ferent areas of agricultural research and sci-
10 entific disciplines;

11 “(C) to multidisciplinary teams that are
12 proposing research on long-term applied re-
13 search problems, with technology transfer a
14 major component of all such grant proposals;

15 “(D) to an institution to allow for the im-
16 provement of the research, development, tech-
17 nology transfer, and education capacity of the
18 institution through the acquisition of special re-
19 search equipment and the improvement of agri-
20 cultural education and teaching; however the
21 Secretary shall use not less than 25 percent of
22 the funds made available for grants under this
23 subparagraph to provide fellowships to out-
24 standing pre- and post-doctoral students for re-
25 search in the agricultural sciences;

1 “(E) to a single investigator or coinvestiga-
2 tors who are beginning their research careers
3 and do not have an extensive research publica-
4 tion record; however, to be eligible for a grant
5 under this subparagraph, an individual shall be
6 within 5 years of the individual’s initial career
7 track position;

8 “(F) to ensure that the faculty of small
9 and mid-sized institutions who have not pre-
10 viously been successful in obtaining competitive
11 grants under this subsection receive a portion
12 of the grants; and

13 “(G) to improve research capabilities in
14 States (as defined in the National Agricultural
15 Research, Extension, and Teaching Policy Act
16 of 1977 (7 U.S.C. 3101 et seq.)) in which insti-
17 tutions have been less successful in receiving
18 funding under this subsection, based on a 3-
19 year rolling average of funding levels.

20 “(14) DIVISION OF FUNDS.—Of the funds made
21 available to carry out this subsection, 60 percent
22 shall be used to fund programs under paragraph (9)
23 and 40 percent shall be used to fund programs
24 under paragraph (10).

1 “(15) TRANSFER OF FUNDS FROM THE INITIA-
2 TIVE FOR FUTURE AGRICULTURE AND FOOD SYS-
3 TEMS.—Funds made available pursuant to section
4 401(b)(3)(D) of the Agricultural Research, Exten-
5 sion, and Education Reform Act of 1998 (7 U.S.C.
6 7621 (b)(3)(D)) shall be transferred to the program
7 established under this subsection.

8 “(16) AUTHORIZATION OF APPROPRIATIONS.—

9 “(A) There is authorized to be appro-
10 priated to carry out this subsection
11 \$500,000,000 for each of fiscal years 2008
12 through 2012.

13 “(B) Funds made available in each fiscal
14 year shall remain available until expended to
15 pay for obligations incurred in that fiscal
16 year.”.

17 (b) REPEALS.—The following provisions are hereby
18 repealed:

19 (1) Section 450i(d) of the Agricultural Re-
20 search, Extension, and Education Reform Act of
21 1998 (7 U.S.C. 7621).

22 (2) Subsection (2)(d) of the Competitive, Spe-
23 cial, and Facilities Research Grant Act of 1965 (7
24 U.S.C. 450i(c)).

1 **SEC. 7107. CAPACITY BUILDING GRANTS FOR ASCARR IN-**
2 **STITUTIONS.**

3 (a) GRANT PROGRAM.—

4 (1) IN GENERAL.—The Secretary shall make
5 competitive grants to ASCARR Institutions to assist
6 the ASCARR Institutions in maintaining and ex-
7 panding the capacity of the ASCARR Institutions to
8 conduct education, research, and outreach activities
9 relating to—

10 (A) agriculture;

11 (B) renewable resources; and

12 (C) other similar disciplines.

13 (2) USE OF FUNDS.—An ASCARR Institution
14 that receives a grant under subsection (a)(1) may
15 use the funds made available through the grant to
16 maintain and expand the capacity of the ASCARR
17 Institution—

18 (A) to successfully compete for funds from
19 Federal grants and other sources to carry out
20 educational, research, and outreach activities
21 that address priority concerns of national, re-
22 gional, State, and local interest;

23 (B) to disseminate information relating to
24 priority concerns to—

1 (i) interested members of the agri-
2 culture, renewable resources, and other rel-
3 evant communities;

4 (ii) the public; and

5 (iii) any other interested entity;

6 (C) to encourage members of the agri-
7 culture, renewable resources, and other relevant
8 communities to participate in priority edu-
9 cation, research, and outreach activities by pro-
10 viding matching funding to leverage grant
11 funds; and

12 (D) through—

13 (i) the purchase or other acquisition
14 of equipment and other infrastructure (not
15 including alteration, repair, renovation, or
16 construction of buildings);

17 (ii) the professional growth and devel-
18 opment of the faculty of the ASCARR In-
19 stitution; and

20 (iii) the development of graduate
21 assistantships.

22 (b) AUTHORIZATION OF APPROPRIATIONS.—There
23 are authorized to be appropriated to carry out this section
24 such sums as are necessary for each fiscal year 2008
25 through 2012.

1 **SEC. 7108. ESTABLISHMENT OF RESEARCH LABORATORIES**
2 **FOR ANIMAL DISEASES.**

3 (a) DEFINITIONS.—In this section—

4 (1) ANIMAL DISEASE.—The term “animal dis-
5 ease” has the meaning given the term by the Sec-
6 retary.

7 (2) IMPORT.—The term “import” means to
8 move from a place outside the territorial limits of
9 the United States to a place within the territorial
10 limits of the United States.

11 (3) LIVE VIRUS.—The term “live virus” means
12 a live virus of foot-and-mouth disease or a live virus
13 of any other animal disease that is a threat to the
14 health of livestock, as determined by the Secretary.

15 (4) SECRETARY.—The term “Secretary” means
16 the Secretary of Agriculture.

17 (5) STATE.—The term “State” means any of
18 the States, the District of Columbia, the Common-
19 wealth of Puerto Rico, Guam, the Commonwealth of
20 the Northern Mariana Islands, the Virgin Islands of
21 the United States, or any territory or possession of
22 the United States.

23 (6) UNITED STATES.—The term “United
24 States” means all of the States.

25 (b) ANIMAL DISEASE RESEARCH.—

1 (1) ESTABLISHMENT OF RESEARCH FACILI-
2 TIES.—The Secretary is authorized to establish re-
3 search laboratories, including the acquisition of nec-
4 essary land, buildings, or facilities, for research on
5 animal diseases in the United States.

6 (2) ACTIVITIES AUTHORIZED WHEN DISEASE
7 THREATENS LIVESTOCK.—To the extent the Sec-
8 retary determines that an animal disease constitutes
9 a threat to the livestock industry, the Secretary is
10 authorized to conduct research, diagnostics, and
11 other activities related to the animal disease.

12 (c) RESTRICTIONS REGARDING LIVE VIRUS.—

13 (1) IN GENERAL.—Except as provided in para-
14 graphs (2), (3), and (4), a person or State or Fed-
15 eral agency may not—

16 (A) import a live virus into the United
17 States;

18 (B) transport a live virus within the
19 United States; and

20 (C) store and maintain a live virus at a re-
21 search facility.

22 (2) AUTHORITY OF THE SECRETARY.—The Sec-
23 retary of Agriculture may—

24 (A) import a live virus into the United
25 States;

1 (B) transport a live virus within the
2 United States; and

3 (C) store and maintain a live virus at a re-
4 search facility.

5 (3) PERMITS.—

6 (A) IN GENERAL.—If the Secretary deter-
7 mines that it is in the public interest to do so,
8 the Secretary may issue a permit to allow a pri-
9 vate person or a State or Federal agency to—

10 (i) import a live virus into the United
11 States;

12 (ii) transport a live virus within the
13 United States; and

14 (iii) store and maintain a live virus at
15 a research facility.

16 (B) PERMIT TERMS.—A permit issued
17 under this paragraph shall be subject to terms
18 and conditions prescribed by the Secretary.

19 (4) LIMITATION.—Nothing in this section shall
20 apply to the importation, transportation, storage,
21 and maintenance of any live virus governed by regu-
22 lations promulgated pursuant to section 351A of the
23 Public Health Service Act (42 U.S.C. 262a) or the
24 Agricultural Bioterrorism Protection Act of 2002 (7
25 U.S.C. 8401).

1 (d) AUTHORIZATION OF APPROPRIATIONS.—In addi-
2 tion to funds otherwise available for the control or eradi-
3 cation of animal diseases, there are authorized to be ap-
4 propriated such sums as necessary to carry out this sec-
5 tion.

6 **SEC. 7109. GRAZINGLANDS RESEARCH LABORATORY.**

7 Notwithstanding any other provision of law, without
8 specific authorization by an Act of Congress, the Federal
9 land and facilities at El Reno, Oklahoma, currently admin-
10 istered by the Secretary of Agriculture as the
11 Grazinglands Research Laboratory, shall not at any time,
12 in whole or part, be declared to be excess or surplus Fed-
13 eral property under chapter 5 of subtitle I of title 40,
14 United States Code, or otherwise be conveyed or trans-
15 ferred in whole or in part.

16 **SEC. 7110. RESEARCHER TRAINING.**

17 (a) REQUIREMENT.—The Secretary shall require that
18 persons receiving funds under section 1668(g)(2) of the
19 Food, Agriculture, Conservation, and Trade Act of 1990
20 (7 U.S.C. 5921(g)(2)) to conduct research concerning ge-
21 netically engineered plants, including seed and other prop-
22 agative materials, complete a training program approved
23 by the Secretary.

24 (b) CERTIFICATION OF THIRD-PARTY PROVIDERS.—
25 Not later than 180 days after the date of the enactment

1 of this Act, the Secretary shall establish a system for ap-
2 proving individuals and entities to provide training under
3 subsection (a), including criteria for the evaluation of
4 trainers or potential trainers.

5 (c) EXPERTISE.—In establishing criteria for the eval-
6 uation of potential trainers, the Secretary shall ensure
7 that individuals and entities with expertise in quality man-
8 agement systems, plant breeding and genetics, and the
9 technical aspects of the Federal regulatory process for ag-
10 ricultural biotechnology, are eligible to become approved
11 trainers under subsection (b).

12 **SEC. 7111. FORT RENO SCIENCE PARK RESEARCH FACIL-**
13 **ITY.**

14 The Secretary of Agriculture may lease land to the
15 University of Oklahoma at the Grazinglands Research
16 Laboratory at El Reno, Oklahoma, on such terms and con-
17 ditions as the University and the Secretary may agree in
18 furtherance of cooperative research and existing easement
19 arrangements.

20 **SEC. 7112. ASSESSING THE NUTRITIONAL COMPOSITION OF**
21 **BEEF PRODUCTS.**

22 (a) STUDY.—Not later than 1 year after the date of
23 the enactment of this Act, the Secretary shall award a
24 grant, contract, or other agreement with an appropriate
25 land-grant university to update the Department of Agri-

1 culture's Nutrient Composition Handbook for Beef, also
2 known as Handbook #8–13. The Handbook shall incor-
3 porate accurate and current data collected by the univer-
4 sity to be used by Federal agencies, private industries,
5 health organizations, and consumers to determine impor-
6 tant diet and health-related issues associated with the con-
7 sumption of beef and beef products.

8 (b) AUTHORIZATION OF APPROPRIATIONS.—There
9 are authorized to be appropriated such sums as are nec-
10 essary to carry out this section to be available until ex-
11 pended .

12 **SEC. 7113. SENSE OF CONGRESS REGARDING FUNDING FOR**
13 **HUMAN NUTRITION RESEARCH.**

14 It is the sense of the Congress that—

15 (1) human nutrition research has the potential
16 for improving the health status of the American
17 public through studies that help determine—

18 (A) the food and beverage intakes of
19 Americans and the nutrient composition of the
20 food supply;

21 (B) the relationship between diet and obe-
22 sity, particularly to prevent childhood obesity;

23 (C) the authoritative, peer-reviewed,
24 science-based evidence that forms the basis for

1 Federal nutrition policy, dietary guidelines and
2 programs; and

3 (D) the nutrient requirements for individ-
4 uals at various stages in the lifespan and for
5 vulnerable populations, particularly children
6 and the elderly;

7 (2) human nutrition research holds the poten-
8 tial for identifying factors in crops and livestock that
9 provide nutrition benefits to humans and add value
10 for producers;

11 (3) the potential cost savings to Federal health
12 programs, combined with the boost in revenues for
13 farmers who produce nutritionally enhanced foods,
14 justifies an increase in funding to a level sufficient
15 to conduct this essential research; and

16 (4) the USDA regional human nutritional re-
17 search centers have unique value in linking producer
18 and consumer interests into investigations of food
19 and human nutrition issues and conducting long-
20 term nutrition studies; and activities at these centers
21 should be preserved and coordinated with other
22 human nutrition research activities.

1 **Subtitle B—National Agricultural**
2 **Research, Extension, and Teach-**
3 **ing Policy Act of 1977**

4 **SEC. 7201. ADVISORY BOARD.**

5 Section 1408(g)(1) of the National Agricultural Re-
6 search, Extension, and Teaching Policy Act of 1977 (7
7 U.S.C. 3123(g)(1)) is amended by striking “\$350,000”
8 and inserting “\$500,000”.

9 **SEC. 7202. ADVISORY BOARD TERMINATION.**

10 Section 1408(h) of the National Agricultural Re-
11 search, Extension, and Teaching Policy Act of 1977 (7
12 U.S.C. 3123(h)) is amended by striking “2007” and in-
13 serting “2012”.

14 **SEC. 7203. RENEWABLE ENERGY COMMITTEE.**

15 The National Agricultural Research, Extension, and
16 Teaching Policy Act of 1977 is amended by inserting after
17 section 1408A the following:

18 **“SEC. 1408B. RENEWABLE ENERGY COMMITTEE.**

19 “(a) INITIAL MEMBERS.—Not later than 90 days
20 after the date of the enactment of this section, the execu-
21 tive committee of the Advisory Board shall establish and
22 appoint the initial members of a permanent renewable en-
23 ergy committee that shall be responsible for studying the
24 scope and effectiveness of research, extension, and eco-
25 nomics programs affecting the renewable energy industry.

1 “(b) NON-ADVISORY BOARD MEMBERS.—Individuals
2 who are not members of the Advisory Board may be ap-
3 pointed as members of the renewable energy committee.
4 Members of the renewable energy committee shall serve
5 at the discretion of the executive committee.

6 “(c) REPORT BY RENEWABLE ENERGY COM-
7 MITTEE.—Not later than 180 days after the establishment
8 of the renewable energy committee, and annually there-
9 after, the renewable energy committee shall submit to the
10 Advisory Board a report containing the findings of its
11 study under subsection (a). The renewable energy com-
12 mittee shall include in each report its recommendations.

13 “(d) COORDINATION OF FUNCTIONS.—In carrying
14 out its functions, the Renewable Energy Committee shall
15 coordinate with the Biomass Research and Development
16 Act Committee.

17 “(e) MATTERS TO BE CONSIDERED IN BUDGET REC-
18 OMMENDATION.—In preparing the annual budget rec-
19 ommendations for the Department, the Secretary shall
20 take into consideration those findings and recommenda-
21 tions contained in the most recent report of the renewable
22 energy committee that are adopted by the Advisory Com-
23 mittee.

24 “(f) REPORT BY THE SECRETARY.—In the budget
25 material submitted to Congress by the Secretary in con-

1 nection with the budget submitted pursuant to section
2 1105 of title 31, United States Code, for a fiscal year,
3 the Secretary shall include a report describing how the
4 Secretary addressed each recommendation of the renew-
5 able energy committee described in subsection (e) of this
6 section.”.

7 **SEC. 7204. SPECIALTY CROP COMMITTEE REPORT.**

8 Section 1408A(c) of the National Agricultural Re-
9 search, Extension, and Teaching Policy Act of 1977 (7
10 U.S.C. 3123a(c)) is amended by adding at the end the
11 following:

12 “(4) Analyses of the specialty crop sector, in-
13 cluding the impact of changes in domestic and inter-
14 national markets, production and new product tech-
15 nologies, alternative policies and macroeconomic con-
16 ditions on specialty crop production, use, farm and
17 retail prices, and farm income and financial stability
18 from a national, regional, and farm-level perspective.

19 “(5) Review of the economic state of the spe-
20 cialty crop industry from a regional perspective.

21 “(6) Development of data that provides applied
22 information useful to specialty crop growers, their
23 associations, and other interested beneficiaries in
24 evaluating that industry from a regional and na-
25 tional perspective.”.

1 **SEC. 7205. GRANTS AND FELLOWSHIPS FOR FOOD AND AG-**
2 **RICULTURAL SCIENCES EDUCATION.**

3 Section 1417 of the National Agricultural Research,
4 Extension, and Teaching Policy Act of 1977 (7 U.S.C.
5 3152) is amended—

6 (1) in subsection (b), by inserting “including
7 the University of the District of Columbia,” after
8 “universities,”; and

9 (2) in subsection (d)(2), by inserting “, includ-
10 ing the University of the District of Columbia,”
11 after “universities”

12 **SEC. 7206. GRANTS AND FELLOWSHIPS FOR FOOD AND AG-**
13 **RICULTURAL SCIENCES EDUCATION.**

14 (a) **EDUCATION TEACHING PROGRAMS.**—Section
15 1417(j) of the National Agricultural Research, Extension
16 and Teaching Policy Act of 1977 (7 U.S.C. 3152(j)) is
17 amended—

18 (1) in the subsection heading, by striking “SEC-
19 ONDARY EDUCATION AND 2-YEAR POSTSECONDARY
20 EDUCATION TEACHING PROGRAMS” and inserting
21 “SECONDARY EDUCATION, 2-YEAR POSTSECONDARY
22 EDUCATION, AND AGRICULTURE IN THE K–12
23 CLASSROOM”; and

24 (2) in paragraph (3)—

25 (A) by striking “secondary schools, and in-
26 stitutions of higher education that award an as-

1 sociate’s degree” and inserting “secondary
2 schools, institutions of higher education that
3 award an associate’s degree, other institutions
4 of higher education, and nonprofit organiza-
5 tions”;

6 (B) in subparagraph (E), by striking
7 “and” at the end;

8 (C) in subparagraph (F), by striking the
9 period at the end and inserting “; and”; and

10 (D) by adding at the end the following:

11 “(G) to support current agriculture in the
12 classroom programs for grades K–12.”.

13 (b) AUTHORIZATION OF APPROPRIATIONS.—Section
14 1417(l) of the National Agricultural Research, Extension,
15 and Teaching Policy Act of 1977 (7 U.S.C. 3152(l)) is
16 amended by striking “2007” and inserting “2012”.

17 (c) REPORT.—Section 1417 of the National Agricul-
18 tural Research, Extension and Teaching Policy Act of
19 1977 is amended by adding at the end the following:

20 “(m) REPORT.—The Secretary shall submit an an-
21 nual report to the Committee on Agriculture of the House
22 of Representatives and the Committee on Agriculture, Nu-
23 trition and Forestry of the Senate detailing the distribu-
24 tion of funds used to implement the teaching programs
25 under subsection (j).”.

1 **SEC. 7207. GRANTS FOR RESEARCH ON PRODUCTION AND**
2 **MARKETING OF ALCOHOLS AND INDUSTRIAL**
3 **HYDROCARBONS FROM AGRICULTURAL COM-**
4 **MODITIES AND FOREST PRODUCTS.**

5 Section 1419(d) of the National Agricultural Re-
6 search, Extension, and Teaching Policy Act of 1977 (7
7 U.S.C. 3154(d)) is amended by striking “2007” and in-
8 serting “2012”.

9 **SEC. 7208. POLICY RESEARCH CENTERS.**

10 Section 1419A of the National Agricultural Research,
11 Extension, and Teaching Policy Act of 1977 (7 U.S.C.
12 3155) is amended—

13 (1) in subsection (b), by inserting “, including
14 the Food Agricultural Policy Research Institute and
15 the Agricultural and Food Policy Center” after “re-
16 search institutions and organizations”; and

17 (2) in subsection (d), by striking “2007” and
18 inserting “2012”.

19 **SEC. 7209. HUMAN NUTRITION INTERVENTION AND**
20 **HEALTH PROMOTION RESEARCH PROGRAM.**

21 Section 1424(d) of the National Agricultural Re-
22 search, Extension, and Teaching Policy Act of 1977 (7
23 U.S.C. 3174(d)) is amended by striking “2007” and in-
24 serting “2012”.

1 **SEC. 7210. PILOT RESEARCH PROGRAM TO COMBINE MED-**
2 **ICAL AND AGRICULTURAL RESEARCH.**

3 Section 1424A(d) of the National Agricultural Re-
4 search, Extension, and Teaching Policy Act of 1977 (7
5 U.S.C. 3174a(d)) is amended by striking “2007” and in-
6 serting “2012”.

7 **SEC. 7211. NUTRITION EDUCATION PROGRAM.**

8 Section 1425(c)(3) of the National Agricultural Re-
9 search, Extension, and Teaching Policy Act of 1977 (7
10 U.S.C. 3175(c)(3)) is amended by striking “2007” and
11 inserting “2012”.

12 **SEC. 7212. CONTINUING ANIMAL HEALTH AND DISEASE RE-**
13 **SEARCH PROGRAMS.**

14 Section 1433(a) of the National Agricultural Re-
15 search, Extension, and Teaching Policy Act of 1977 (7
16 U.S.C. 3195(a)) is amended in the first sentence by strik-
17 ing “2007” and inserting “2012”.

18 **SEC. 7213. COOPERATION AMONG ELIGIBLE INSTITUTIONS.**

19 Section 1433 of the National Agricultural Research,
20 Extension, and Teaching Policy Act of 1977 is amended
21 by adding at the end the following new subsection:

22 “(g) COOPERATION AMONG ELIGIBLE INSTITU-
23 TIONS.—The Secretary, to the maximum extent prac-
24 ticable, shall encourage eligible institutions to cooperate
25 in setting research priorities under this section through
26 the conduct of regular regional and national meetings.”.

1 **SEC. 7214. APPROPRIATIONS FOR RESEARCH ON NATIONAL**
2 **OR REGIONAL PROBLEMS.**

3 Section 1434(a) of the National Agricultural Re-
4 search, Extension, and Teaching Policy Act of 1977 (7
5 U.S.C. 3196(a)) is amended by striking “2007” and in-
6 serting “2012”.

7 **SEC. 7215. AUTHORIZATION LEVEL OF EXTENSION AT 1890**
8 **LAND-GRANT COLLEGES.**

9 Section 1444(a)(2) of the National Agricultural Re-
10 search, Extension, and Teaching Policy Act of 1977 (7
11 U.S.C. 3221(a)(2)) is amended by striking “15 percent”
12 and inserting “20 percent”.

13 **SEC. 7216. AUTHORIZATION LEVEL FOR AGRICULTURAL RE-**
14 **SEARCH AT 1890 LAND-GRANT COLLEGES.**

15 Section 1445(a)(2) of the National Agricultural Re-
16 search, Extension, and Teaching Policy Act of 1977 (7
17 U.S.C. 3222(a)(2)) is amended by striking “25 percent”
18 and inserting “30 percent”.

19 **SEC. 7217. GRANTS TO UPGRADE AGRICULTURE AND FOOD**
20 **SCIENCES FACILITIES AT THE DISTRICT OF**
21 **COLUMBIA LAND GRANT UNIVERSITY.**

22 The National Agricultural Research, Extension, and
23 Teaching Policy Act of 1977 (7 U.S.C. 3101 et seq.) is
24 amended by inserting after section 1447 the following:

1 **“SEC. 1447A. GRANTS TO UPGRADE AGRICULTURE AND**
2 **FOOD SCIENCES FACILITIES AT THE DIS-**
3 **TRICT OF COLUMBIA LAND GRANT UNIVER-**
4 **SITY.**

5 “(a) PURPOSE.—It is declared to be the intent of
6 Congress to assist the land grant university in the District
7 of Columbia, as established under section 208 of the Dis-
8 trict of Columbia Public Postsecondary Education Reorga-
9 nization Act of October 26, 1974 (Public Law 93–471)
10 in efforts acquire, alter, or repair facilities or relevant
11 equipment necessary for conducting agricultural research.

12 “(b) AUTHORIZATION OF APPROPRIATIONS.—There
13 are authorized to be appropriated for the purposes of car-
14 rying out the provisions of this section \$750,000 for each
15 of fiscal years 2008 through 2012.”.

16 **SEC. 7218. GRANTS TO UPGRADE AGRICULTURAL AND**
17 **FOOD SCIENCES FACILITIES AT 1890 LAND-**
18 **GRANT COLLEGES, INCLUDING TUSKEGEE**
19 **UNIVERSITY.**

20 Section 1447(b) of the National Agricultural Re-
21 search, Extension, and Teaching Policy Act of 1977 (7
22 U.S.C. 3222b(b)) is amended by striking “2007” and in-
23 serting “2012”.

1 **SEC. 7219. NATIONAL RESEARCH AND TRAINING VIRTUAL**
2 **CENTERS.**

3 Section 1448 of the National Agricultural Research,
4 Extension, and Teaching Policy Act of 1977 (7 U.S.C.
5 3222c) is amended by striking “2007” each place it ap-
6 pears in subsections (a)(1) and (f) and inserting “2012”.

7 **SEC. 7220. MATCHING FUNDS REQUIREMENT FOR RE-**
8 **SEARCH AND EXTENSION ACTIVITIES OF 1890**
9 **INSTITUTIONS.**

10 Section 1449(c) of the National Agricultural Re-
11 search, Extension, and Teaching Policy Act of 1977 (7
12 U.S.C. 3222d(c)) is amended in the first sentence by strik-
13 ing “for each of fiscal years 2003 through 2007,”.

14 **SEC. 7221. HISPANIC-SERVING INSTITUTIONS.**

15 Section 1455(c) of the National Agricultural Re-
16 search, Extension, and Teaching Policy Act of 1977 (7
17 U.S.C. 3241(c)) is amended by striking “2007” and in-
18 serting “2012”.

19 **SEC. 7222. HISPANIC-SERVING AGRICULTURAL COLLEGES.**

20 (a) IN GENERAL.—The National Agricultural Re-
21 search, Extension and Teaching Policy Act of 1977 is
22 amended by inserting after section 1455 the following:

23 **“SEC. 1456. HISPANIC-SERVING AGRICULTURAL COLLEGES.**

24 **“(a) DEFINITIONS.—As used in this section:**

1 “(1) ENDOWMENT FUND.—The term ‘endow-
2 ment fund’ means the Hispanic-Serving Agricultural
3 Colleges Fund established under subsection (b).

4 “(2) HISPANIC-SERVING AGRICULTURAL COL-
5 LEGE.—The term ‘Hispanic-serving agricultural col-
6 lege’ means a college or university that—

7 “(A) qualifies as a ‘Hispanic-serving insti-
8 tution’ as defined in section 502(a)(5) of the
9 Higher Education Act of 1965 (20 U.S.C.
10 1101a(a)(5)); and

11 “(B) offers a baccalaureate degree pro-
12 gram in an agricultural or food science-related
13 discipline.

14 “(b) ENDOWMENT.—

15 “(1) IN GENERAL.—In accordance with this
16 subsection, the Secretary of the Treasury shall es-
17 tablish a Hispanic-Serving Agricultural Colleges
18 Fund. The Secretary of the Treasury may enter into
19 such agreements as are necessary to carry out this
20 subsection.

21 “(2) DEPOSIT TO THE ENDOWMENT FUND.—
22 The Secretary of the Treasury shall deposit in the
23 endowment fund any—

1 “(A) amounts made available through Acts
2 of appropriations, which shall be the endow-
3 ment fund corpus; and

4 “(B) interest earned on the endowment
5 fund corpus.

6 “(3) INVESTMENTS.—The Secretary of the
7 Treasury shall invest the endowment fund corpus
8 and income in interest-bearing obligations of the
9 United States.

10 “(4) WITHDRAWALS AND EXPENDITURES.—The
11 Secretary of the Treasury may not make a with-
12 drawal or expenditure from the endowment fund cor-
13 pus. On September 30, 2008, and each September
14 30 thereafter, the Secretary of the Treasury shall
15 withdraw the amount of the income from the endow-
16 ment fund for the fiscal year and warrant the funds
17 to the Secretary of Agriculture who, after making
18 adjustments for the cost of administering the endow-
19 ment fund, shall distribute the adjusted income as
20 follows:

21 “(A) 60 percent distributed among the
22 Hispanic-serving agricultural colleges on a pro
23 rata basis based on each institution’s Hispanic
24 enrollment count.

1 “(B) 40 percent distributed in equal shares
2 to the Hispanic-serving agricultural colleges.

3 “(5) ENDOWMENT FUND CRITERIA FOR HIS-
4 PANIC-SERVING AGRICULTURAL COLLEGES.—The
5 Secretary of Agriculture shall determine criteria for
6 the establishment of Hispanic-serving agricultural
7 colleges, taking into account capacity, Hispanic pop-
8 ulation, expertise in agriculture and related fields,
9 and such other factors as the Secretary of Agri-
10 culture determines necessary.

11 “(6) AUTHORIZATION OF APPROPRIATIONS.—
12 There are authorized to be appropriated such sums
13 as are necessary to carry out this section for each
14 of fiscal years 2008 through 2012. Amounts appro-
15 priated pursuant to this section shall be held and
16 considered to have been granted to Hispanic-serving
17 agricultural colleges to establish an endowment pur-
18 suant to subsection (b).

19 “(c) AUTHORIZATION OF APPROPRIATIONS.—

20 “(1) IN GENERAL.—For fiscal year 2008, and
21 for each fiscal year thereafter, there is authorized to
22 be appropriated to the Department of Agriculture an
23 amount equal to—

24 “(A) \$80,000; multiplied by

1 “(B) the number of Hispanic-serving agri-
2 cultural colleges.

3 “(2) PAYMENTS.—For fiscal year 2008, and for
4 each fiscal year thereafter, the Secretary of the
5 Treasury shall pay to the treasurer of each His-
6 panic-Serving agricultural college an amount equal
7 to—

8 “(A) the total amount made available by
9 appropriations pursuant to paragraph (1); di-
10 vided by

11 “(B) the number of Hispanic-serving agri-
12 cultural colleges.

13 “(3) USE OF FUNDS.—Amounts authorized to
14 be appropriated under this subsection shall be used
15 in the same manner as is prescribed for colleges
16 under the Act of August 30, 1890 (commonly known
17 as the Second Morrill Act), and except as otherwise
18 provided in this subsection, the requirements of such
19 Act shall apply to the Hispanic-serving agricultural
20 colleges.

21 “(d) INSTITUTIONAL CAPACITY BUILDING
22 GRANTS.—

23 “(1) PURPOSE AND ALLOWABLE USES.—For
24 fiscal year 2008, and for each fiscal year thereafter,
25 the Secretary shall make institutional capacity build-

1 ing grants to assist Hispanic-serving institutions
2 that offer academic programs leading to baccalaureate
3 degrees in agriculture and agriculture-related
4 fields, including food science, nutrition, bioenergy,
5 and environmental sciences, not including alteration,
6 repair, renovation, or construction of buildings.
7

8 “(2) CRITERIA FOR INSTITUTIONAL CAPACITY
9 BUILDING GRANTS.—

10 “(A) REQUIREMENTS FOR GRANTS.—The
11 Secretary shall make grants under this subsection
12 on the basis of a competitive application process
13 under which Hispanic-serving institutions that offer
14 academic programs leading to baccalaureate degrees
15 in agriculture and agriculture-related fields may
16 submit applications to the Secretary in such form
17 and manner as the Secretary may prescribe.
18

19 “(B) BROADER PARTICIPATION AND GEOGRAPHIC
20 DIVERSITY.—All Hispanic-serving institutions offering
21 academic programs leading to baccalaureate degrees
22 in agriculture and agriculture-related fields including
23 food science, nutrition, bioenergy, and environmental
24 sciences

1 shall be eligible to compete for grants under
2 this subsection.

3 “(C) DEMONSTRATION OF NEED.—The
4 Secretary shall require as part of an application
5 for a grant under this subsection, a demonstra-
6 tion of need based on criteria stated in sub-
7 section (b)(5). The Secretary may award a
8 grant under this subsection only to an applicant
9 that demonstrates a failure to obtain funding
10 for a project after making a reasonable effort to
11 otherwise obtain the funding.

12 “(D) PAYMENT OF NON-FEDERAL
13 SHARE.—A grant awarded under this sub-
14 section shall be made only if the recipient of the
15 grant pays a non-Federal share in an amount
16 specified by the Secretary and based upon as-
17 sessed institutional needs.

18 “(3) AUTHORIZATION OF APPROPRIATIONS.—
19 There are authorized to be appropriated to the Sec-
20 retary of Agriculture to carry out this subsection,
21 such sums as are necessary for fiscal year 2008, and
22 for each fiscal year thereafter.

23 “(e) COMPETITIVE GRANTS PROGRAM.—The Sec-
24 retary of Agriculture shall establish a competitive grants
25 program to fund basic and applied research at Hispanic-

1 serving agricultural colleges in agriculture, human nutri-
2 tion, food science, bioenergy, and environmental science.
3 There are authorized to be appropriated to the Secretary
4 such sums as are necessary to carry out this subsection
5 for fiscal year 2008 and for each fiscal year thereafter.”.

6 (b) FUNDING.—Section 3 of the Act of May 8, 1914,
7 (commonly known as the Smith-Lever Act), is amended—

8 (1) in subsection (b), by adding at the end the
9 following new paragraph:

10 “(4) There are authorized to be appropriated for fis-
11 cal year 2008, and for each fiscal year thereafter, such
12 sums as are necessary for the purposes set forth in section
13 4. Such sums shall be in addition to the sums appropriated
14 for the several States and Puerto Rico, the Virgin Islands,
15 and Guam under the provisions of this section. Such sums
16 shall be distributed on the basis on a competitive applica-
17 tion process to be developed and implemented by the Sec-
18 retary and paid by the Secretary to the State institutions
19 established in accordance with the provisions of the Act
20 of July 2, 1862 (commonly known as the First Morrill
21 Act) and administered by such institutions through coop-
22 erative agreements with the Hispanic-serving agricultural
23 colleges in the States of the institutions in accordance with
24 regulations that the Secretary shall adopt.”; and

1 (2) in subsection (f), by inserting “or Hispanic-
2 serving agricultural colleges” after “Institution”.

3 **SEC. 7223. INTERNATIONAL AGRICULTURAL RESEARCH, EX-**
4 **TENSION, AND EDUCATION.**

5 Section 1458(a) of the National Agricultural Re-
6 search, Extension, and Teaching Policy Act of 1977 (7
7 U.S.C. 3291(a)) is amended—

8 (1) in paragraph (1)—

9 (A) in subparagraph (A), by striking
10 “and” after the semicolon;

11 (B) in subparagraph (B), by adding “and”
12 at the end; and

13 (C) by adding at the end the following:

14 “(C) giving priority to those institutions
15 with existing memorandums of understanding,
16 agreements, or other formal ties to United
17 States institutions, or State or Federal agen-
18 cies;”;

19 (2) in paragraph (3), by inserting “Hispanic-
20 serving agricultural colleges,” after “universities,”;

21 (3) in paragraph (7)(A), by striking “and land-
22 grant colleges and universities” and inserting “,
23 land-grant colleges and universities, and Hispanic-
24 serving agricultural colleges”;

1 (4) in paragraph (9)(A), by striking “or other
2 colleges and universities” and inserting “, or other
3 colleges and universities, or Hispanic-serving agricul-
4 tural colleges”; and

5 (5) by adding at the end the following:

6 “(11) establish a program for the purpose of
7 providing fellowships to United States or foreign
8 students to study at foreign agricultural colleges and
9 universities working under agreements provided for
10 under paragraph (3).”.

11 **SEC. 7224. COMPETITIVE GRANTS FOR INTERNATIONAL AG-**
12 **RICULTURAL SCIENCE AND EDUCATION PRO-**
13 **GRAMS.**

14 Section 1459A(c) of the National Agricultural Re-
15 search, Extension, and Teaching Policy Act of 1977 (7
16 U.S.C. 3292b(c)) is amended by striking “2007” and in-
17 serting “2012”.

18 **SEC. 7225. LIMITATION ON INDIRECT COSTS FOR AGRICUL-**
19 **TURAL RESEARCH, EDUCATION, AND EXTEN-**
20 **SION PROGRAMS.**

21 Section 1462(a) of the National Agriculture Re-
22 search, Extension, and Teaching Policy Act of 1977 (7
23 U.S.C. 3310(a)) is amended by striking “a competitive”
24 and inserting “any”.

1 **SEC. 7226. RESEARCH EQUIPMENT GRANTS.**

2 Section 1462A(e) of the National Agricultural Re-
3 search, Extension, and Teaching Policy Act of 1977 (7
4 U.S.C. 3310a(e)) is amended by striking “2007” and in-
5 serting “2012”.

6 **SEC. 7227. UNIVERSITY RESEARCH.**

7 Section 1463 of the National Agricultural Research,
8 Extension, and Teaching Policy Act of 1977 (7 U.S.C.
9 3311) is amended by striking “2007” each place it ap-
10 pears in subsections (a) and (b) and inserting “2012”.

11 **SEC. 7228. EXTENSION SERVICE.**

12 Section 1464 of the National Agricultural Research,
13 Extension, and Teaching Policy Act of 1977 (7 U.S.C.
14 3312) is amended by striking “2007” and inserting
15 “2012”.

16 **SEC. 7229. SUPPLEMENTAL AND ALTERNATIVE CROPS.**

17 Section 1473D(a) of the National Agricultural Re-
18 search, Extension, and Teaching Policy Act of 1977 (7
19 U.S.C. 3319d(a)) is amended by striking “2007” and in-
20 serting “2012”.

21 **SEC. 7230. AQUACULTURE RESEARCH FACILITIES.**

22 Section 1477 of the National Agricultural Research,
23 Extension, and Teaching Policy Act of 1977 (7 U.S.C.
24 3324) is amended by striking “2007” and inserting
25 “2012”.

1 **SEC. 7231. RANGELAND RESEARCH.**

2 Section 1483(a) of the National Agricultural Re-
3 search, Extension, and Teaching Policy Act of 1977 (7
4 U.S.C. 3336(a)) is amended by striking “2007” and in-
5 serting “2012”.

6 **SEC. 7232. SPECIAL AUTHORIZATION FOR BIOSECURITY**
7 **PLANNING AND RESPONSE.**

8 Section 1484(a) of the National Agricultural Re-
9 search, Extension, and Teaching Policy Act of 1977 (7
10 U.S.C. 3351(a)) is amended by striking “2007” and in-
11 serting “2012”.

12 **SEC. 7233. RESIDENT INSTRUCTION AND DISTANCE EDU-**
13 **CATION GRANTS PROGRAM FOR INSULAR**
14 **AREA INSTITUTIONS OF HIGHER EDUCATION.**

15 (a) DISTANCE EDUCATION GRANTS FOR INSULAR
16 AREAS.—Section 1490(f) of the National Agricultural Re-
17 search, Extension, and Teaching Policy Act of 1977 (7
18 U.S.C. 3362(f)) is amended by striking “2007” and in-
19 serting “2012”.

20 (b) RESIDENT INSTRUCTION GRANTS FOR INSULAR
21 AREAS.—Section 1491 of the National Agricultural Re-
22 search, Extension, and Teaching Policy Act of 1977 (7
23 U.S.C. 3363) is amended—

24 (1) by redesignating subsection (e) as sub-
25 section (c); and

1 (2) in subsection (c) (as so redesignated), by
2 striking “2007” and inserting “2012”.

3 **Subtitle C—Food, Agriculture, Con-**
4 **servation, and Trade Act of 1990**

5 **SEC. 7301. NATIONAL GENETICS RESOURCES PROGRAM.**

6 Section 1635(b) of the Food, Agriculture, Conserva-
7 tion, and Trade Act of 1990 (7 U.S.C. 5844(b)) is amend-
8 ed by striking “2007” and inserting “2012”.

9 **SEC. 7302. NATIONAL AGRICULTURAL WEATHER INFORMA-**
10 **TION SYSTEM.**

11 Section 1641(c) of the Food, Agriculture, Conserva-
12 tion, and Trade Act of 1990 (7 U.S.C. 5855(c)) is amend-
13 ed by striking “1991 through 1997” and inserting “2008
14 through 2012”.

15 **SEC. 7303. PARTNERSHIPS.**

16 Section 1672(d) of the Food, Agriculture, Conserva-
17 tion, and Trade Act of 1990 (7 U.S.C. 5925(d)) is amend-
18 ed by striking “may” and inserting “shall”.

19 **SEC. 7304. AFLATOXIN RESEARCH AND EXTENSION.**

20 Section 1672(e)(3) of the Food, Agriculture, Con-
21 servation, and Trade Act of 1990 (7 U.S.C. 5925(e)(3))
22 is amended by striking “and controlling aflatoxin in the
23 food and feed chains.” and inserting “improving, and
24 eventually commercializing aflatoxin controls in corn and
25 other affected agricultural products and crops.”.

1 **SEC. 7305. HIGH-PRIORITY RESEARCH AND EXTENSION**
2 **AREAS.**

3 Section 1672(e) of the Food, Agriculture, Conserva-
4 tion, and Trade Act of 1990 (7 U.S.C. 5925(e)) is amend-
5 ed by adding the following:

6 “(46) FARMED AND WILD CERVID DISEASE AND
7 APPLIED GENETICS RESEARCH.—Research grants
8 may be made under this section for the purpose of
9 investigating the major infectious, parasitic and
10 toxic diseases of importance to farmed and wild
11 cervids.

12 “(47) AIR EMISSIONS FROM LIVESTOCK OPER-
13 ATIONS.—Research and extension grants may be
14 made under this section for the purpose of con-
15 ducting field verification tests and developing mitiga-
16 tion options for air emissions from animal feeding
17 operations.

18 “(48) SWINE GENOME PROJECT.—Research
19 grants may be made under this section to conduct
20 swine genome research and to map the swine ge-
21 nome.

22 “(49) CATTLE FEVER TICK PROGRAM.—Re-
23 search and extension grants may be made to study
24 cattle fever ticks to facilitate understanding of the
25 role of wildlife in the persistence and spread of cattle
26 fever ticks; to develop advanced methods for eradi-

1 cation of cattle fever ticks; and to improve manage-
2 ment of diseases related to cattle fever ticks that are
3 associated with wildlife, livestock, and human health.

4 “(50) COLONY COLLAPSE DISORDER PRO-
5 GRAM.—Research and extension grants may be made
6 to survey and collect data of honey bee colony pro-
7 duction and health; research various factors possibly
8 contributing to or associated with colony collapse
9 disorder; and develop mitigative and preventative
10 measures to improve bee health.

11 “(51) SYNTHETIC GYPSUM FROM ELECTRIC
12 POWER PLANTS RESEARCH.—Research and exten-
13 sion grants may be made to study the uses of syn-
14 thetic gypsum from electric power plants to reme-
15 diate soil and nutrient losses.

16 “(52) CRANBERRY RESEARCH PROGRAM.—Re-
17 search and extension grants may be made to study
18 new technologies to assist cranberry growers in com-
19 plying with Federal and State environmental regula-
20 tions, increase production, develop new growing
21 techniques, establish more efficient growing meth-
22 odologies, and educate farmers about sustainable
23 growth practices.

24 “(53) SORGHUM RESEARCH INITIATIVE.—Re-
25 search and extension grants may be made to study

1 the use of sorghum as a bioenergy feedstock, pro-
2 mote diversification in, and the environmental sus-
3 tainability of sorghum production, and promote
4 water conservation through the use of sorghum.

5 “(54) BEANS HEALTH RESEARCH PROGRAM.—
6 Research and extension grants may be made to
7 study bean-based solutions to chronic health and nu-
8 tritional concerns in both developed and developing
9 countries, and to increase bean consumption.”.

10 **SEC. 7306. HIGH-PRIORITY RESEARCH AND EXTENSION INI-**
11 **TIATIVES.**

12 Section 1672(h) of the Food, Agriculture, Conserva-
13 tion, and Trade Act of 1990 (7 U.S.C. 5925(h)) is amend-
14 ed by striking “2007” and inserting “2012”.

15 **SEC. 7307. NUTRIENT MANAGEMENT RESEARCH AND EX-**
16 **TENSION INITIATIVE.**

17 Section 1672A of the Food, Agriculture, Conserva-
18 tion, and Trade Act of 1990 (7 U.S.C. 5925a) is amend-
19 ed—

20 (1) by redesignating subsection (g) as sub-
21 section (f);

22 (2) in subsection (d), by inserting “or address
23 unique regional concerns” after “entities”;

24 (3) in subsection (e)(1)(B), by inserting “and
25 dairy cattle waste” after “swine waste”; and

1 (4) in subsection (f) (as so redesignated in
2 paragraph (1)), by striking “2007” and inserting
3 “2012”.

4 **SEC. 7308. AGRICULTURAL TELECOMMUNICATIONS PRO-**
5 **GRAM.**

6 Section 1673(h) of the Food, Agriculture, Conserva-
7 tion, and Trade Act of 1990 (7 U.S.C. 5926(h)) is amend-
8 ed by striking “2007” and inserting “2012”.

9 **SEC. 7309. ASSISTIVE TECHNOLOGY PROGRAM FOR FARM-**
10 **ERS WITH DISABILITIES.**

11 Section 1680(c)(1) of the Food, Agriculture, Con-
12 servation, and Trade Act of 1990 (7 U.S.C. 5933(c)(1))
13 is amended by striking “2007” and inserting “2012”.

14 **SEC. 7310. ORGANIC RESEARCH.**

15 (a) IN GENERAL.—The Organic Agriculture Re-
16 search and Extension Initiative (section 1672B of the
17 Food, Agriculture, Conservation, and Trade Act of 1990
18 (7 U.S.C. 5925b)) is amended—

19 (1) in subsection (a)—

20 (A) in paragraph (5), by striking “and”
21 after the semicolon;

22 (B) in paragraph (6), at the end by strik-
23 ing the period and inserting a semicolon; and

24 (C) by adding at the end the following:

1 able for technology development, applied research,
2 and training to aid in the development of an agri-
3 culture-based renewable energy workforce. This ini-
4 tiative shall support the fields of bioenergy, pulp and
5 paper manufacturing, and for agriculture-based re-
6 newable energy resources.

7 (2) To receive funding under this section an en-
8 tity—

9 (A) shall be a community college or ad-
10 vanced technological center, in existence on the
11 date of the enactment of this Act, that partici-
12 pates in agricultural or bioenergy research and
13 applied research;

14 (B) shall have a proven record of research,
15 development and implementation of programs
16 to meet the needs of students, educators, the
17 research community, and business and industry
18 to supply the agriculture-based, renewable en-
19 ergy or pulp and paper manufacturing fields
20 with certified technicians as determined by the
21 Secretary of Agriculture; and

22 (C) shall have the ability to leverage exist-
23 ing partnerships and develop research, occupa-
24 tional outreach and training programs for sec-

1 ondary schools, 4-year institutions and relevant
2 non-profit organizations.

3 (b) LIMITATION ON AUTHORIZATION OF APPROPRIA-
4 TIONS.—To carry out this section, there are authorized
5 to be appropriated such sums as necessary for each of the
6 fiscal years 2008 through 2012.

7 (c) COMMUNITY COLLEGES.—In this section, the
8 term “community college” means an institution of higher
9 education—

10 (1) that admits as regular students persons who
11 are beyond the age of compulsory school attendance
12 in the State in which the institution is located and
13 who have the ability to benefit from the training of-
14 fered by the institution;

15 (2) that does not provide an educational pro-
16 gram for which it awards a bachelor’s degree, or an
17 equivalent degree; and

18 (3) that—

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

22 (B) offers a two-year program in engineer-
23 ing, technology, mathematics, or the physical,
24 chemical or biological sciences, designed to pre-
25 pare a student to work as a technician or at the

1 semiprofessional level in engineering, scientific,
2 or other technological fields requiring the un-
3 derstanding and application of basic engineer-
4 ing, scientific, or mathematical principles of
5 knowledge.

6 **Subtitle D—Agricultural Research,**
7 **Extension, and Education Re-**
8 **form Act of 1998**

9 **SEC. 7401. PARTNERSHIPS FOR HIGH-VALUE AGRICUL-**
10 **TURAL PRODUCT QUALITY RESEARCH.**

11 Section 402(g) of the Agricultural Research, Exten-
12 sion, and Education Reform Act of 1998 (7 U.S.C.
13 7622(g)) is amended by striking “2007” and inserting
14 “2012”.

15 **SEC. 7402. PRECISION AGRICULTURE.**

16 Section 403(i)(1) of the Agricultural Research, Ex-
17 tension, and Education Reform Act of 1998 (7 U.S.C.
18 7623(i)(1)) is amended by striking “2007” and inserting
19 “2012”.

20 **SEC. 7403. BIOBASED PRODUCTS.**

21 (a) PILOT PROJECT.—Section 404(e)(2) of the Agri-
22 cultural Research, Extension, and Education Reform Act
23 of 1998 (7 U.S.C. 7624(e)(2)) is amended by striking
24 “2007” and inserting “2012”.

1 (b) AUTHORIZATION OF APPROPRIATIONS.—Section
2 404(h) of the Agricultural Research, Extension, and Edu-
3 cation Reform Act of 1998 (7 U.S.C. 7624(h)) is amended
4 by striking “2007” and inserting “2012”.

5 **SEC. 7404. THOMAS JEFFERSON INITIATIVE FOR CROP DI-**
6 **VERSIFICATION.**

7 Section 405(h) of the Agricultural Research, Exten-
8 sion, and Education Reform Act of 1998 (7 U.S.C.
9 7625(h)) is amended by striking “2007” and inserting
10 “2012”.

11 **SEC. 7405. INTEGRATED RESEARCH, EDUCATION, AND EX-**
12 **TENSION COMPETITIVE GRANTS PROGRAM.**

13 Section 406(f) of the Agricultural Research, Exten-
14 sion, and Education Reform Act of 1998 (7 U.S.C.
15 7626(f)) is amended by striking “2007” and inserting
16 “2012”.

17 **SEC. 7406. FUSARIUM GRAMINEARUM GRANTS.**

18 Section 408 of the Agricultural Research, Extension,
19 and Education Reform Act of 1998 (7 U.S.C. 7628(e))
20 is amended—

21 (1) in the heading for such section, by striking
22 “**GRANT**” and inserting “**GRANTS**”; and

23 (2) in subsection (e), by striking “2007” and
24 inserting “2012”.

1 **SEC. 7407. BOVINE JOHNE'S DISEASE CONTROL PROGRAM.**

2 Section 409(b) of the Agricultural Research, Exten-
3 sion, and Education Reform Act of 1998 (7 U.S.C.
4 7629(b)) is amended by striking “2007” and inserting
5 “2012”.

6 **SEC. 7408. GRANTS FOR YOUTH ORGANIZATIONS.**

7 Section 410 of the Agricultural Research, Extension,
8 and Education Reform Act of 1998 (7 U.S.C. 7630) is
9 amended by striking subsections (b) and (c) and inserting
10 the following:

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

16 “(c) REDISTRIBUTION OF FUNDING WITHIN ORGA-
17 NIZATIONS AUTHORIZED.—Recipients of funds under this
18 section are authorized to redistribute all or part of the
19 funds received to individual councils or local chapters
20 within such organization without further need of approval
21 from the Secretary.

22 “(d) AUTHORIZATION OF APPROPRIATIONS.—There
23 are authorized to be appropriated to carry out this section
24 such sums as are necessary for each of fiscal years 2008
25 through 2012.”.

1 **SEC. 7409. AGRICULTURAL BIOTECHNOLOGY RESEARCH**
2 **AND DEVELOPMENT FOR DEVELOPING COUN-**
3 **TRIES.**

4 Section 411(c) of the Agricultural Research, Exten-
5 sion, and Education Reform Act of 1998 (7 U.S.C.
6 7631(c)) is amended by striking “2007” and inserting
7 “2012”.

8 **SEC. 7410. AGRICULTURAL BIOENERGY AND BIOBASED**
9 **PRODUCTS RESEARCH INITIATIVE.**

10 Title IV of the Agricultural Research, Extension, and
11 Education Reform Act of 1998 (7 U.S.C. 7621 et seq.)
12 is amended by adding at the end the following:

13 **“SEC. 412. AGRICULTURAL BIOENERGY AND BIOBASED**
14 **PRODUCTS RESEARCH INITIATIVE.**

15 “(a) DEFINITION.—For the purposes of this section,
16 the term ‘Initiative’ means the agricultural bioenergy and
17 biobased products research initiative established by sub-
18 section (b).

19 “(b) ESTABLISHMENT.—There is established within
20 the Department a bioenergy and biobased products re-
21 search initiative to enhance the production, sustainability,
22 and conversion of biomass to renewable fuels and related
23 products.

24 “(c) LABORATORY NETWORK.—

1 “(1) IN GENERAL.—The Secretary shall carry
2 out the Initiative through a bioenergy and biobased
3 product laboratory network that may consist of—

4 “(A) Federal agencies;

5 “(B) national laboratories;

6 “(C) colleges and universities;

7 “(D) research institutions and organiza-
8 tions;

9 “(E) private organizations or corporations;

10 “(F) State agricultural experiment sta-
11 tions; and

12 “(G) individuals.

13 “(2) RESEARCH AND DEVELOPMENT OBJEC-
14 TIVES.—The laboratory network shall focus on im-
15 proving biomass production and sustainability, and
16 improving biomass conversion in biorefineries, by—

17 “(A) leveraging the broad scientific capa-
18 bilities of the Department in—

19 “(i) plant genetics and breeding;

20 “(ii) crop production;

21 “(iii) soil and water science;

22 “(iv) use of agricultural waste;

23 “(v) carbohydrate, lipid, protein, and
24 lignin chemistry and biochemistry;

25 “(vi) enzyme development;

1 “(vii) fermentation;

2 “(viii) microbiology; and

3 “(ix) cellulosic gasification;

4 “(B) supporting bioenergy and biobased
5 product research that will enhance the produc-
6 tion, sustainability, and conversion of biomass
7 to renewable fuels and related products; and

8 “(C) supporting bioenergy and biobased
9 product research, and the dissemination of that
10 research, that will assist in achieving the goals
11 of this section.

12 “(d) COORDINATION.—In carrying out the Initiative,
13 the Secretary shall ensure that the Director of the applica-
14 ble Program office established under section 7104(a)(1)
15 shall coordinate projects and activities carried out under
16 the Initiative with projects and activities under the Bio-
17 mass Research and Development Act of 2000 (7 U.S.C.
18 8601 et seq) to ensure, to the maximum extent prac-
19 ticable, that—

20 “(1) duplication of effort is eliminated or mini-
21 mized; and

22 “(2) the respective strengths of the Department
23 and the Department of Energy are maximized.

1 “(e) RESEARCH PROJECTS.—In carrying out this
2 section, the Secretary shall award grants on a competitive
3 basis.

4 “(f) ADMINISTRATION.—

5 “(1) IN GENERAL.—For grants awarded under
6 subsection (e)(2), the Secretary shall—

7 “(A) seek and accept proposals for grants;

8 “(B) determine the relevance and merit of
9 proposals through a system of peer review in
10 accordance with (7 U.S.C. 7613); and

11 “(C) award grants on the basis of merit,
12 quality, and relevance.

13 “(2) TERM.—A grant under this section shall
14 have a term that does not exceed 5 years.

15 “(3) OTHER CONDITIONS.—The Secretary may
16 set such other conditions on the award of a grant
17 under this section as the Secretary determines ap-
18 propriate.

19 “(g) BUILDINGS AND FACILITIES.—Funds made
20 available under this section shall not be used for the con-
21 struction of a new building or facility or the acquisition,
22 expansion, remodeling, or alteration of an existing build-
23 ing or facility (including site grading and improvement
24 and architect fees).

1 “(h) FUNDING.—There is authorized to be appro-
2 priated \$50,000,000 for each of fiscal years 2008 through
3 2012 to carry out this section.”.

4 **SEC. 7411. SPECIALTY CROP RESEARCH INITIATIVE.**

5 (a) IN GENERAL.—Title IV of the Agricultural Re-
6 search, Extension, and Education Reform Act of 1998 (7
7 U.S.C. 7621 et seq.), as amended by section 7410, is fur-
8 ther amended by adding at the end the following:

9 **“SEC. 413. SPECIALTY CROP RESEARCH INITIATIVE.**

10 “(a) DEFINITIONS.—In this section:

11 “(1) INITIATIVE.—The term ‘Initiative’ means
12 the specialty crop research initiative established by
13 subsection (b).

14 “(2) SPECIALTY CROP.—The term ‘specialty
15 crop’ shall have the meaning given that term in sec-
16 tion 3(1) of the Specialty Crops Competitiveness Act
17 of 2004 (7 U.S.C. 1621).

18 “(b) ESTABLISHMENT.—There is established within
19 the Department a specialty crop research initiative to ad-
20 dress the critical needs of the specialty crop industry by
21 developing and disseminating science-based tools to ad-
22 dress needs of specific crops and their regions, including—

23 “(1) research in—

1 “(A) plant breeding, genetics, and
2 genomics to improve crop characteristics, such
3 as—
4 “(i) product appearance;
5 “(ii) environmental responses and tol-
6 erances;
7 “(iii) nutrient management;
8 “(iv) pest and disease management;
9 and
10 “(v) enhanced phytonutrient content;
11 “(B) safety;
12 “(C) quality;
13 “(D) yield;
14 “(E) taste; and
15 “(F) shelf life;
16 “(2) efforts to identify and address threats
17 from invasive species;
18 “(3) efforts to improve agricultural production
19 by developing more technologically efficient and ef-
20 fective applications of water, nutrients, and pes-
21 ticides;
22 “(4) new innovations and technology, such as
23 enhancing mechanization and reducing reliance on
24 labor; and

1 “(5) production efficiency, productivity, profit-
2 ability and marketing.

3 “(c) ELIGIBLE ENTITIES.—The Secretary may carry
4 out the Initiative through—

5 “(1) Federal agencies;

6 “(2) national laboratories;

7 “(3) colleges and universities;

8 “(4) research institutions and organizations;

9 “(5) private organizations or corporations;

10 “(6) State agricultural experiment stations; and

11 “(7) individuals.

12 “(d) RESEARCH PROJECTS.—In carrying out this
13 section, the Secretary shall award grants on a competitive
14 basis.

15 “(e) ADMINISTRATION.—

16 “(1) IN GENERAL.—For grants awarded under
17 subsection (d)(2), the Secretary shall—

18 “(A) seek and accept proposals for grants;

19 “(B) determine the relevance and merit of

20 proposals through a system of peer review in

21 accordance with section 103 of AREERA (7

22 U.S.C. 7613); and

23 “(C) award grants on the basis of merit,

24 quality, and relevance.

1 “(2) TERM.—A grant under this section shall
2 have a term that does not exceed 5 years.

3 “(3) OTHER CONDITIONS.—The Secretary may
4 set such other conditions on the award of a grant
5 under this section as the Secretary determines ap-
6 propriate.

7 “(f) BUILDINGS AND FACILITIES.—Funds made
8 available under this section shall not be used for the con-
9 struction of a new building or facility or the acquisition,
10 expansion remodeling, or alteration of an existing building
11 or facility (including site grading and improvement and
12 architect fees).

13 “(g) FUNDING.—There is authorized to be appro-
14 priated \$100,000,000 for each of fiscal years 2008
15 through 2012 to carry out this section.”.

16 (b) COORDINATION.— In carrying out this section,
17 the Secretary shall ensure that the Director of the applica-
18 ble Program Office established under section 7104(a) co-
19 ordinates projects and activities carried out under this sec-
20 tion to ensure, to the maximum extent practicable, that
21 duplication of effort is eliminated or minimized.

22 **SEC. 7412. OFFICE OF PEST MANAGEMENT POLICY.**

23 Section 614(f) of the Agricultural Research, Exten-
24 sion, and Education Reform Act of 1998 (7 U.S.C.

1 7653(f)) is amended by striking “2007” and inserting
2 “2012”.

3 **Subtitle E—Other Laws**

4 **SEC. 7501. CRITICAL AGRICULTURAL MATERIALS ACT.**

5 Section 16(a) of the Critical Agricultural Materials
6 Act (7 U.S.C. 178n(a)) is amended by striking “2007”
7 and inserting “2012”.

8 **SEC. 7502. EQUITY IN EDUCATIONAL LAND-GRANT STATUS** 9 **ACT OF 1994.**

10 (a) ENDOWMENT FOR 1994 INSTITUTIONS.—Section
11 533(b) of the Equity in Educational Land-Grant Status
12 Act of 1994 (7 U.S.C. 301 note; Public Law 103–382)
13 is amended in the first sentence by striking “2007” and
14 inserting “2012”.

15 (b) INSTITUTIONAL CAPACITY BUILDING GRANTS.—
16 Section 535 of the Equity in Educational Land-Grant Sta-
17 tus Act of 1994 (7 U.S.C. 301 note; Public Law 103–
18 382) is amended by striking “2007” each place it appears
19 and inserting “2012”.

20 (c) RESEARCH GRANTS.—Section 536(c) of the Eq-
21 uity in Educational Land-Grant Status Act of 1994 (7
22 U.S.C. 301 note; Public Law 103–382) is amended in the
23 first sentence by striking “2007” and inserting “2012”.

1 **SEC. 7503. AGRICULTURAL EXPERIMENT STATION RE-**
2 **SEARCH FACILITIES ACT.**

3 Section 6(a) of the Research Facilities Act (7 U.S.C.
4 390d(a)) is amended by striking “2007” and inserting
5 “2012”.

6 **SEC. 7504. NATIONAL AGRICULTURAL RESEARCH, EXTEN-**
7 **SION, AND TEACHING POLICY ACT AMEND-**
8 **MENTS OF 1985.**

9 Section 1431 of the National Agricultural Research,
10 Extension, and Teaching Policy Act Amendments of 1985
11 (Public Law 99–198; 99 Stat. 1556) is amended by strik-
12 ing “2007” and inserting “2012”.

13 **SEC. 7505. COMPETITIVE, SPECIAL, AND FACILITIES RE-**
14 **SEARCH GRANT ACT (NATIONAL RESEARCH**
15 **INITIATIVE).**

16 Section 2 of the Competitive, Special, and Facilities
17 Research Grant Act (7 U.S.C. 450i) is amended—

18 (1) in subsection (b)(10), by striking “2007”
19 and inserting “2012”; and

20 (2) by striking subsection (g).

21 **SEC. 7506. AGRICULTURAL RISK PROTECTION ACT OF 2000**
22 **(CARBON CYCLE RESEARCH).**

23 Section 221(g) of the Agricultural Risk Protection
24 Act of 2000 (7 U.S.C. 6711(g)) is amended by striking
25 “2007” and inserting “2012”.

1 **SEC. 7507. RENEWABLE RESOURCES EXTENSION ACT OF**
2 **1978.**

3 (a) AUTHORIZATION OF APPROPRIATIONS.—Section
4 6 of the Renewable Resources Extension Act of 1978 (16
5 U.S.C. 1675) is amended by striking “2007” and insert-
6 ing “2012”.

7 (b) TERMINATION DATE.—Section 8 of the Renew-
8 able Resources Extension Act of 1978 (16 U.S.C. 1671
9 note; Public Law 95–306) is amended by striking “2007”
10 and inserting “2012”.

11 **SEC. 7508. NATIONAL AQUACULTURE ACT OF 1980.**

12 Section 10 of the National Aquaculture Act of 1980
13 (16 U.S.C. 2809) is amended by striking “2007” each
14 place it appears and inserting “2012”.

15 **SEC. 7509. CONSTRUCTION OF A CHINESE GARDEN AT THE**
16 **NATIONAL ARBORETUM.**

17 The Act of March 4, 1927 (20 U.S.C. 191 et seq.),
18 is amended by adding at the end the following:

19 **“SEC. 197. CONSTRUCTION OF A CHINESE GARDEN AT THE**
20 **NATIONAL ARBORETUM.**

21 “A Chinese Garden may be constructed at the Na-
22 tional Arboretum established under this Act with—

23 “(1) funds accepted under the provisions of sec-
24 tion 195 (20 U.S.C. 195);

25 “(2) authorities provided to the Secretary of
26 Agriculture under section 196 (20 U.S.C. 196); and

1 “(3) appropriations provided for this purpose.”.

2 **SEC. 7510. PUBLIC EDUCATION REGARDING USE OF BIO-**
3 **TECHNOLOGY IN PRODUCING FOOD FOR**
4 **HUMAN CONSUMPTION.**

5 Section 10802(b) of the Farm Security and Rural In-
6 vestment Act of 2002 (7 U.S.C. 5921a(b)) is amended by
7 striking “2007” and inserting “2012”.

8 **SEC. 7511. FRESH CUT PRODUCE SAFETY GRANTS.**

9 (a) **IN GENERAL.**—The Secretary may award com-
10 petitive research and extension grants to eligible entities
11 to enable such entities to design, implement, and evaluate
12 innovative, cost-effective programs to improve and en-
13 hance the safety of fresh cut produce.

14 (b) **ELIGIBLE ENTITIES.**—To be eligible to receive a
15 grant under subsection (a) an entity shall—

16 (1) be a university, college, or other entity des-
17 ignated by the Secretary; and

18 (2) have developed partnerships with producers
19 of fresh cut produce.

20 (c) **USE OF FUNDS.**—An entity shall use funds re-
21 ceived under a grant under this section to—

22 (1) improve sanitation and food safety practices
23 in the processing of fresh cut produce;

24 (2) develop improved techniques to monitor and
25 inspect fresh cut produce;

1 (3) develop efficient, rapid and sensitive meth-
2 ods to detect contaminants in fresh cut produce;

3 (4) determine the sources of contamination in
4 fresh cut produce;

5 (5) develop methods to reduce or destroy harm-
6 ful pathogens before, during, and after processing of
7 fresh cut produce; and

8 (6) conduct other research as determined ap-
9 propriate by the Secretary.

10 (d) MATCHING FUNDS REQUIRED.—The Secretary
11 shall require the recipient of a grant under this section
12 to provide funds or in-kind support from non-Federal
13 sources in an amount at least equal to the amount pro-
14 vided by the Federal Government.

15 (e) COORDINATION.—In carrying out this section, the
16 Secretary shall ensure that the Director of the applicable
17 Program Office established under section 7104(a) coordi-
18 nates projects and activities carried out under this section
19 to ensure, to the maximum extent practicable, that dupli-
20 cation of effort is eliminated or minimized.

21 (f) AUTHORIZATION OF APPROPRIATIONS.—There
22 are authorized to be appropriated such sums as are nec-
23 essary to carry out this section for each of fiscal years
24 2008 through 2012.

1 **SEC. 7512. UDC/EFNEP ELIGIBILITY.**

2 Section 208 of the District of Columbia Public Post-
3 secondary Education Reorganization Act (Public Law 93-
4 471) is amended—

5 (1) in subsection (b)(2), by striking “, except”
6 and all that follows through the period and inserting
7 a period; and

8 (2) in subsection (c), by striking “section 3”
9 each place it appears and inserting “section 3(e)”.

10 **SEC. 7513. SMITH-LEVER ACT.**

11 Section 3(e)(4) of the Smith-Lever Act (7 U.S.C.
12 343(e)(4)) is amended—

13 (1) in the paragraph heading, by inserting
14 “AND THE DISTRICT OF COLUMBIA” after “AREAS”;

15 (2) in subparagraph (A), by inserting “ and the
16 District of Columbia” after “United States”;

17 (3) in subparagraph (A), by inserting “and the
18 District of Columbia” after “respectively,”; and

19 (4) in subparagraph (B), by inserting “or the
20 District of Columbia” after “area”.

21 **SEC. 7514. HATCH ACT OF 1987.**

22 Section 3(d)(4) of the Hatch Act of 1887 (7 U.S.C.
23 351e(d)(4)) is amended—

24 (1) in the paragraph heading, by inserting
25 “AND THE DISTRICT OF COLUMBIA” after “AREAS”;

1 (2) in subparagraph (A), by inserting “ and the
2 District of Columbia” after “United States”;

3 (3) in subparagraph (A), by inserting “and the
4 District of Columbia” after “respectively,”; and

5 (4) in subparagraph (B), by inserting “or the
6 District of Columbia” after “area”.

7 **Subtitle F—Additional Provisions**

8 **SEC. 7601. MERIT REVIEW OF EXTENSION AND EDU-** 9 **CATIONAL GRANTS.**

10 Section 103 of the Agricultural Research, Extension,
11 and Education Reform Act of 1998 (7 U.S.C. 7613) is
12 amended in subsection (a)(2)(A), by striking “Cooperative
13 State Research, Education, and Extension Service of the
14 Department” and inserting “the National Institute for
15 Food and Agriculture.”.

16 **SEC. 7602. REVIEW OF PLAN OF WORK REQUIREMENTS.**

17 (a) REVIEW.—The Secretary shall work with univer-
18 sity partners in extension and research to review and iden-
19 tify measures to streamline the submission, reporting
20 under, and implementation of plan of work requirements
21 including those under—

22 (1) section 1444 and 1444(d) and 1445(c) of
23 the National Agricultural Research, Extension, and
24 Teaching Policy Act of 1977 (7 U.S.C. 3221(d) and
25 3222(e), respectively);

1 (2) section 7 of the Hatch Act of 1887 (7
2 U.S.C. 361g); and

3 (3) section 4 of the Smith-Lever Act (7 U.S.C.
4 344).

5 (b) REPORT.—Not later than 180 days after the date
6 of enactment of the **【2007 Farm bill】**, the Secretary shall
7 provide to the Committee on Agriculture of the House of
8 Representatives and the Committee on Agriculture, Nutri-
9 tion, and Forestry of the Senate a report regarding the
10 review carried out under subsection (a). The report shall
11 include recommendations—

12 (1) to reduce the administrative burden and
13 workload upon institutions associated with plan of
14 work compliance while meeting Department report-
15 ing needs for inputs, outputs, and outcome indica-
16 tors;

17 (2) to streamline the submission and reporting
18 requirements of the plan of work such that it is of
19 practical utility to both the department and the in-
20 stitution; and

21 (3) for any legislative changes necessary to
22 carry out the plan of work improvements.

23 (c) CONSULTATION.—In carrying out the review and
24 formulating and compiling the recommendations, the Sec-
25 retary shall consult with the land grant institutions.

1 **SEC. 7603. MULTISTATE AND INTEGRATION FUNDING.**

2 (a) FUNDS EXPENDED ON INTEGRATION OF RE-
3 SEARCH AND EXTENSION.—Section 3 of the Hatch Act
4 of 1887 (7 U.S.C. 361c) is amended—

5 (1) in subsection (i)(2)(B), by striking “the
6 lesser of” and inserting “25 percent”; and

7 (2) by striking clauses (i) and (ii).

8 (b) FUNDS EXPENDED ON MULTISTATE COOPERA-
9 TIVE EXTENSION ACTIVITIES.—Section 3 of the Smith
10 Lever Act (7 U.S.C. 343) is amended—

11 (1) in subsection (h)(2)(B), by striking “the
12 lesser of” and inserting “25 percent”; and

13 (2) by striking clauses (i) and (ii).

14 **SEC. 7604. EXPANDED FOOD AND NUTRITION EDUCATION**
15 **PROGRAM.**

16 (a) FUNDING TO 1862, 1890, AND INSULAR AREA
17 INSTITUTIONS.—Section 1425(c)(2)(B) of the National
18 Agriculture Research, Extension, and Teaching Policy Act
19 of 1977 (7 U.S.C. 3175(c)(2)(B)) is amended—

20 (1) in the prefatory material, by striking
21 “among the States”;

22 (2) by striking clause (i) and inserting the fol-
23 lowing:

24 “(i) \$100,000 shall be distributed to
25 each of the land grant colleges and univer-
26 sities;”;

- 1 (3) by redesignating clause (ii) as clause (iii);
2 (4) by inserting after clause (i) the following:

3 “(ii) subject to subsection (d), of the
4 remainder, 10 percent in fiscal year 2008,
5 11 percent in fiscal year 2009, 12 percent
6 in fiscal year 2010, 13 percent in fiscal
7 year 2011, 14 percent in fiscal year 2012,
8 and 15 percent in fiscal year 2013 and
9 each fiscal year thereafter, shall be allo-
10 cated to each 1890 Institution (as defined
11 in section 2 of the Agricultural Research,
12 Extension, and Education Reform Act of
13 1998) in an amount that bears the same
14 ratio to the total amount to be allocated
15 under this clause as the population of the
16 State living at or below 125 percent of the
17 income poverty guidelines prescribed by the
18 Office of Management and Budget (ad-
19 justed pursuant to section 673(2) of the
20 Omnibus Budget Reconciliation Act of
21 1981 (42 U.S.C. 9902)), bears to the total
22 population of all the States that have 1890
23 Institutions living at or below 125 percent
24 of the income poverty guidelines, as deter-
25 mined by the last preceding decennial cen-

1 sus at the time each such additional
2 amount is first appropriated: *Provided*,
3 That the total allocated under this clause
4 shall not exceed (I) the amount of the
5 funds appropriated for the conduct of the
6 expanded food and nutrition education pro-
7 gram for the fiscal year that are in excess
8 of the amount appropriated for the con-
9 duct of the program for the fiscal year
10 ending September 30, 2007, reduced by
11 (II) any amounts expended pursuant to
12 any adjustment under subsection (d);
13 and”; and
14 (5) by amending clause (iii), as redesignated—
15 (A) by striking “allocated to each State”
16 and inserting “allocated to the institution eligi-
17 ble to receive funds under the Act of July 2,
18 1862 (and including the appropriate insular
19 area institution) in each State (and the Univer-
20 sity of the District of Columbia, notwith-
21 standing section 208(c) of Public Law 93–
22 471)”; and
23 (B) by striking “subparagraph.” and in-
24 serting “subparagraph: *Provided*, That the total
25 allocated under this clause to the University of

1 the District of Columbia shall not exceed (I) the
2 amount described in the proviso to clause (ii),
3 reduced further by (II) the amount allocated
4 under clause (ii).”.

5 (b) AUTHORIZATION.—Section 1425(c)(3) of the Na-
6 tional Agriculture Research, Extension, and Teaching Pol-
7 icy Act of 1977 (7 U.S.C. 3175(c)(3)) is amended by
8 striking “\$83,000,000 for each of fiscal years 1996
9 through 2007” and inserting “\$90,000,000 for each of fis-
10 cal years 2008 through 2014”.

11 (c) EFFECTIVE DATE.—The amendments made by
12 this section take effect on October 1, 2007.

13 **SEC. 7605. GRANTS TO 1890 SCHOOLS TO EXPAND EXTEN-**
14 **SION CAPACITY.**

15 Section 1417(b)(4) of the National Agricultural Re-
16 search, Extension, and Teaching Policy Act of 1977 (7
17 U.S.C. 3152(b)(4)) is amended by striking “teaching and
18 research” and inserting “teaching, research, and exten-
19 sion”.

20 **SEC. 7606. BORLAUG INTERNATIONAL AGRICULTURAL**
21 **SCIENCE AND TECHNOLOGY FELLOWSHIP**
22 **PROGRAM.**

23 (a) ESTABLISHMENT.—

24 (1) IN GENERAL.—The Secretary of Agriculture
25 shall establish a fellowship program to be known as

1 the “Borlaug International Agricultural Science and
2 Technology Fellowship Program,” to provide fellow-
3 ships for scientific training to individuals from eligi-
4 ble countries (as described under subsection (b))
5 who specialize in agricultural education, research,
6 and extension for study in the United States.

7 (2) PROGRAMS.—The Secretary shall carry out
8 the program established under paragraph (1)
9 through 3 programs designed to assist individual fel-
10 lowship recipients as follows:

11 (A) A Graduate Studies Program in Agri-
12 culture to assist individuals who participate in
13 graduate agricultural degree training at a
14 United States institution.

15 (B) An Individual Career Improvement
16 Program to assist agricultural scientists from
17 developing countries to upgrade skills and un-
18 derstanding in agricultural science and tech-
19 nology.

20 (C) The Borlaug Agricultural Policy Exec-
21 utive Leadership Course to assist senior agri-
22 cultural policy makers from eligible countries
23 with an initial focus on sub-Saharan Africa and
24 from the newly independent states of the former
25 Soviet Union.

1 (b) ELIGIBLE COUNTRIES.—Developing countries, as
2 determined by the Secretary using a gross national income
3 per capita test, shall be eligible to participate in the pro-
4 gram established under this section.

5 (c) PURPOSE OF FELLOWSHIPS.—Fellowships under
6 this section shall promote food security and economic
7 growth in eligible countries by educating a new generation
8 of agricultural scientists, increasing scientific knowledge
9 and collaborative research to improve agricultural produc-
10 tivity, and extending this knowledge to users and their
11 intermediaries in the market place. Fellowships shall sup-
12 port—

13 (1) training and collaborative research opportu-
14 nities through exchanges for entry-level international
15 agricultural research scientists, faculty, and policy-
16 makers from eligible countries;

17 (2) collaborative research to improve agricul-
18 tural productivity;

19 (3) the transfer of new science and agricultural
20 technologies to strengthen agricultural practice; and

21 (4) the reduction of barriers to technology
22 adoption.

23 (d) FELLOWSHIP RECIPIENTS.—

24 (1) ELIGIBLE CANDIDATES.—The Secretary
25 may provide fellowships under the program author-

1 ized by this section to individuals from eligible coun-
2 tries who specialize in or have experience in agricul-
3 tural education, research, extension, or related fields,
4 including individuals from the public and private
5 sectors, and private agricultural producers.

6 (2) CANDIDATE IDENTIFICATION.—The Sec-
7 retary shall utilize the expertise of United States
8 land-grant and similar universities, international or-
9 ganizations working in agricultural research and
10 outreach, and national agricultural research organi-
11 zations to help identify program candidates for fel-
12 lowships under this section from both the public and
13 private sectors of eligible countries.

14 (e) USE OF FELLOWSHIPS.—Fellowships shall pro-
15 mote collaborative programs between agricultural profes-
16 sionals of eligible countries with those of the United States
17 and the international agricultural research system and, as
18 appropriate, with United States entities conducting re-
19 search. They will be used to support fellowship recipients
20 through the Graduate Studies Program in Agriculture es-
21 tablished under subsection (a)(2)(A).

22 (f) PROGRAM IMPLEMENTATION.—The Secretary
23 shall provide for the management, coordination, evaluation
24 and monitoring of the overall Borlaug International Agri-
25 cultural Science and Technology Fellowship Program and

1 for the individual programs described in subsection (a)(2),
2 except that the Secretary may contract out to one or more
3 collaborating universities the management of one or more
4 of the fellowship programs.

5 (g) AUTHORIZATION OF APPROPRIATIONS.—There
6 are authorized to be appropriated without fiscal year limi-
7 tation such sums as may be necessary to carry out the
8 program established under this section.