

1 **TITLE VII—RESEARCH AND**
2 **RELATED MATTERS**

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Subtitle A—National Agricultural Research, Extension, and Teaching Policy
Act of 1977

- Sec. 7001. National Agricultural Research, Extension, Education, and Economics Advisory Board.
- Sec. 7002. Grants and fellowships for food and agricultural sciences education.
- Sec. 7003. Grants for research on production and marketing of alcohols and industrial hydrocarbons from agricultural commodities and forest products.
- Sec. 7004. Policy research centers.
- Sec. 7005. Human nutrition intervention and health promotion research program.
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- Sec. 7009. Appropriations for research on national or regional problems.
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- Sec. 7011. National research and training virtual centers.
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- Sec. 7013. Hispanic-serving institutions.
- Sec. 7014. Competitive grants for international agricultural science and education programs.
- Sec. 7015. Research equipment grants.
- Sec. 7016. University research.
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Subtitle B—Food, Agriculture, Conservation, and Trade Act of 1990

- Sec. 7101. National genetic resources program.
- Sec. 7102. High-priority research and extension initiatives.
- Sec. 7103. Nutrient management research and extension initiative.
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Subtitle C—Agricultural Research, Extension, and Education Reform Act of 1998

- Sec. 7201. Initiative for Future Agriculture and Food Systems.
- Sec. 7202. Partnerships for high-value agricultural product quality research.
- Sec. 7203. Precision agriculture.
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- Sec. 7207. Support for research regarding diseases of wheat, triticale, and barley caused by *Fusarium graminearum* or by *Tilletia indica*.
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- Sec. 7301. Critical Agricultural Materials Act.
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- Sec. 7303. Research Facilities Act.
- Sec. 7304. National Agricultural Research, Extension, and Teaching Policy Act Amendments of 1985.
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- Sec. 7306. Education grants to Alaska Native serving institutions and Native Hawaiian serving institutions.
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- Sec. 7308. Agricultural Risk Protection Act of 2000.
- Sec. 7309. National Aquaculture Act of 1980.
- Sec. 7310. Research laboratories for animal diseases.
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Subtitle E—National Institute of Food and Agriculture

- Sec. 7401. National Institute of Food and Agriculture.

Subtitle F—Coordination of Agricultural Research Service and National Institute of Food and Agriculture

- Sec. 7501. Coordination of Agricultural Research Service and National Institute of Food and Agriculture.

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

4 **SEC. 7001. NATIONAL AGRICULTURAL RESEARCH, EXTEN-**
5 **SION, EDUCATION, AND ECONOMICS ADVI-**
6 **SORY BOARD.**

7 Section 1408(h) of the National Agricultural Re-
8 search, Extension, and Teaching Policy Act of 1977 (7
9 U.S.C. 3123(h)) is amended by striking “2007” and in-
10 serting “2013”.

11 **SEC. 7002. GRANTS AND FELLOWSHIPS FOR FOOD AND AG-**
12 **RICULTURAL SCIENCES EDUCATION.**

13 Section 1417(l) of the National Agricultural Re-
14 search, Extension, and Teaching Policy Act of 1977 (7
15 U.S.C. 3152(l)) is amended by striking “2007” and in-
16 serting “2013”.

17 **SEC. 7003. GRANTS FOR RESEARCH ON PRODUCTION AND**
18 **MARKETING OF ALCOHOLS AND INDUSTRIAL**
19 **HYDROCARBONS FROM AGRICULTURAL COM-**
20 **MODITIES AND FOREST PRODUCTS.**

21 Section 1419(d) of the National Agricultural Re-
22 search, Extension, and Teaching Policy Act of 1977 (7
23 U.S.C. 3154(d)) is amended by striking “2007” and in-
24 serting “2013”.

1 **SEC. 7004. POLICY RESEARCH CENTERS.**

2 Section 1419A(d) of the National Agricultural Re-
3 search, Extension, and Teaching Policy Act of 1977 (7
4 U.S.C. 3155(d)) is amended by striking “2007” and in-
5 serting “2013”.

6 **SEC. 7005. HUMAN NUTRITION INTERVENTION AND**
7 **HEALTH PROMOTION RESEARCH PROGRAM.**

8 Section 1424(d) of the National Agricultural Re-
9 search, Extension, and Teaching Policy Act of 1977 (7
10 U.S.C. 3174(d)) is amended by striking “2007” and in-
11 serting “2013”.

12 **SEC. 7006. PILOT RESEARCH PROGRAM TO COMBINE MED-**
13 **ICAL AND AGRICULTURAL RESEARCH.**

14 Section 1424A(d) of the National Agricultural Re-
15 search, Extension, and Teaching Policy Act of 1977 (7
16 U.S.C. 3174a(d)) is amended by striking “2007” and in-
17 serting “2013”.

18 **SEC. 7007. NUTRITION EDUCATION PROGRAM.**

19 Section 1425(c)(3) of the National Agricultural Re-
20 search, Extension, and Teaching Policy Act of 1977 (7
21 U.S.C. 3175(c)(3)) is amended by striking “2007” and
22 inserting “2013”.

23 **SEC. 7008. CONTINUING ANIMAL HEALTH AND DISEASE RE-**
24 **SEARCH PROGRAMS.**

25 Section 1433(a) of the National Agricultural Re-
26 search, Extension, and Teaching Policy Act of 1977 (7

1 U.S.C. 3195(a)) is amended in the first sentence by strik-
2 ing “2007” and inserting “2013”.

3 **SEC. 7009. APPROPRIATIONS FOR RESEARCH ON NATIONAL**
4 **OR REGIONAL PROBLEMS.**

5 Section 1434(a) of the National Agricultural Re-
6 search, Extension, and Teaching Policy Act of 1977 (7
7 U.S.C. 3196(a)) is amended by striking “2007” and in-
8 serting “2013”.

9 **SEC. 7010. GRANTS TO UPGRADE AGRICULTURAL AND**
10 **FOOD SCIENCES FACILITIES AT 1890 LAND-**
11 **GRANT COLLEGES, INCLUDING TUSKEGEE**
12 **UNIVERSITY.**

13 Section 1447(b) of the National Agricultural Re-
14 search, Extension, and Teaching Policy Act of 1977 (7
15 U.S.C. 3222b(b)) is amended by striking “2007” and in-
16 serting “2013”.

17 **SEC. 7011. NATIONAL RESEARCH AND TRAINING VIRTUAL**
18 **CENTERS.**

19 Section 1448 of the National Agricultural Research,
20 Extension, and Teaching Policy Act of 1977 (7 U.S.C.
21 3222c) is amended by striking “2007” each place it ap-
22 pears in subsections (a)(1) and (f) and inserting “2013”.

1 **SEC. 7012. MATCHING FUNDS REQUIREMENT FOR RE-**
2 **SEARCH AND EXTENSION ACTIVITIES OF 1890**
3 **INSTITUTIONS.**

4 Section 1449(c) of the National Agricultural Re-
5 search, Extension, and Teaching Policy Act of 1977 (7
6 U.S.C. 3222d(c)) is amended in the first sentence by strik-
7 ing “2007” and inserting “2013.”.

8 **SEC. 7013. HISPANIC-SERVING INSTITUTIONS.**

9 Section 1455(c) of the National Agricultural Re-
10 search, Extension, and Teaching Policy Act of 1977 (7
11 U.S.C. 3241(c)) is amended by striking “2007” and in-
12 serting “2013”.

13 **SEC. 7014. COMPETITIVE GRANTS FOR INTERNATIONAL AG-**
14 **RICULTURAL SCIENCE AND EDUCATION PRO-**
15 **GRAMS.**

16 Section 1459A(c) of the National Agricultural Re-
17 search, Extension, and Teaching Policy Act of 1977 (7
18 U.S.C. 3292b(c)) is amended by striking “2007” and in-
19 serting “2013”.

20 **SEC. 7015. RESEARCH EQUIPMENT GRANTS.**

21 Section 1462A(e) of the National Agricultural Re-
22 search, Extension, and Teaching Policy Act of 1977 (7
23 U.S.C. 3310a(e)) is amended by striking “2007” and in-
24 serting “2013”.

1 **SEC. 7016. UNIVERSITY RESEARCH.**

2 Section 1463 of the National Agricultural Research,
3 Extension, and Teaching Policy Act of 1977 (7 U.S.C.
4 3311) is amended by striking “2007” each place it ap-
5 pears in subsections (a) and (b) and inserting “2013”.

6 **SEC. 7017. EXTENSION SERVICE.**

7 Section 1464 of the National Agricultural Research,
8 Extension, and Teaching Policy Act of 1977 (7 U.S.C.
9 3312) is amended by striking “2007” and inserting
10 “2013”.

11 **SEC. 7018. SUPPLEMENTAL AND ALTERNATIVE CROPS.**

12 Section 1473D(a) of the National Agricultural Re-
13 search, Extension, and Teaching Policy Act of 1977 (7
14 U.S.C. 3319d(a)) is amended by striking “2007” and in-
15 serting “2013”.

16 **SEC. 7019. AQUACULTURE RESEARCH FACILITIES.**

17 Section 1477 of the National Agricultural Research,
18 Extension, and Teaching Policy Act of 1977 (7 U.S.C.
19 3324) is amended by striking “2007” and inserting
20 “2013”.

21 **SEC. 7020. RANGELAND RESEARCH.**

22 Section 1483(a) of the National Agricultural Re-
23 search, Extension, and Teaching Policy Act of 1977 (7
24 U.S.C. 3336(a)) is amended by striking “2007” and in-
25 serting “2013”.

1 **SEC. 7021. SPECIAL AUTHORIZATION FOR BIOSECURITY**
2 **PLANNING AND RESPONSE.**

3 Section 1484(a) of the National Agricultural Re-
4 search, Extension, and Teaching Policy Act of 1977 (7
5 U.S.C. 3351(a)) is amended by striking “2007” and in-
6 serting “2013”.

7 **SEC. 7022. RESIDENT INSTRUCTION AND DISTANCE EDU-**
8 **CATION GRANTS PROGRAM FOR INSULAR**
9 **AREA INSTITUTIONS OF HIGHER EDUCATION.**

10 (a) DISTANCE EDUCATION GRANTS FOR INSULAR
11 AREAS.—Section 1490(f) of the National Agricultural Re-
12 search, Extension, and Teaching Policy Act of 1977 (7
13 U.S.C. 3362(f)) is amended by striking “2007” and in-
14 serting “2013”.

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

19 (1) by redesignating subsection (e) as sub-
20 section (c); and

21 (2) in subsection (c) (as so redesignated), by
22 striking “2007” and inserting “2013”.

1 **Subtitle B—Food, Agriculture, Con-**
2 **servation, and Trade Act of 1990**

3 **SEC. 7101. NATIONAL GENETIC RESOURCES PROGRAM.**

4 (a) IN GENERAL.—Section 1632 of the Food, Agri-
5 culture, Conservation, and Trade Act of 1990 (7 U.S.C.
6 5841) is amended—

7 (1) by striking subsection (b) and inserting the
8 following:

9 “(b) PURPOSE.—The program is established for the
10 purpose of—

11 “(1) maintaining and enhancing a program pro-
12 viding for the collection, preservation, and dissemi-
13 nation of genetic material of importance to food and
14 agriculture production in the United States; and

15 “(2) undertaking long-term research on plant
16 and animal breeding.”; and

17 (2) in subsection (d)—

18 (A) in paragraph (5), by striking “and” at
19 the end;

20 (B) by redesignating paragraph (6) as
21 paragraph (7); and

22 (C) by inserting after paragraph (5) the
23 following:

24 “(6) in conjunction with national programs for
25 plant and animal genetic resources, undertake long-

1 term research on plant and animal breeding, includ-
2 ing the development of finished varieties adapted to
3 sustainable and organic farming systems; and”.

4 (b) AUTHORIZATION OF APPROPRIATIONS.—Section
5 1635(b) of the Food, Agriculture, Conservation, and
6 Trade Act of 1990 (7 U.S.C. 5844(b)) is amended by
7 striking “2007” and inserting “2013”.

8 **SEC. 7102. HIGH-PRIORITY RESEARCH AND EXTENSION INI-**
9 **TIATIVES.**

10 Section 1672(h) of the Food, Agriculture, Conserva-
11 tion, and Trade Act of 1990 (7 U.S.C. 5925(h)) is amend-
12 ed by striking “2007” and inserting “2013”.

13 **SEC. 7103. NUTRIENT MANAGEMENT RESEARCH AND EX-**
14 **TENSION INITIATIVE.**

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

18 (1) by redesignating subsection (g) as sub-
19 section (f); and

20 (2) in subsection (f) (as so redesignated), by
21 striking “2007” and inserting “2013”.

1 **SEC. 7104. ORGANIC AGRICULTURE RESEARCH AND EXTEN-**
2 **SION INITIATIVE.**

3 Section 1672B of the Food, Agriculture, Conserva-
4 tion, and Trade Act of 1990 (7 U.S.C. 5925b) is amended
5 by striking subsection (e) and inserting the following:

6 “(e) FUNDING.—Of the funds of the Commodity
7 Credit Corporation, the Secretary shall use to carry out
8 this section [§_____] for each of fiscal years 2008
9 through 2013, to remain available until expended.”.

10 **SEC. 7105. AGRICULTURAL TELECOMMUNICATIONS PRO-**
11 **GRAM.**

12 Section 1673(h) of the Food, Agriculture, Conserva-
13 tion, and Trade Act of 1990 (7 U.S.C. 5926(h)) is amend-
14 ed by striking “2007” and inserting “2013”.

15 **SEC. 7106. ASSISTIVE TECHNOLOGY PROGRAM FOR FARM-**
16 **ERS WITH DISABILITIES.**

17 Section 1680(c)(1) of the Food, Agriculture, Con-
18 servation, and Trade Act of 1990 (7 U.S.C. 5933(c)(1))
19 is amended by striking “2007” and inserting “2013”.

20 **SEC. 7107. NATIONAL RURAL INFORMATION CENTER**
21 **CLEARINGHOUSE.**

22 Section 2381(e) of the Food, Agriculture, Conserva-
23 tion, and Trade Act of 1990 (7 U.S.C. 3125b(e)) is
24 amended by striking “2007” and inserting “2013”.

1 **Subtitle C—Agricultural Research,**
2 **Extension, and Education Re-**
3 **form Act of 1998**

4 **SEC. 7201. INITIATIVE FOR FUTURE AGRICULTURE AND**
5 **FOOD SYSTEMS.**

6 Section 401(c) of the Agricultural Research, Exten-
7 sion, and Education Reform Act of 1998 (7 U.S.C.
8 7621(c)) is amended—

9 (1) in paragraph (1)(D), by striking “policy”;
10 and

11 (2) in paragraph (2)—

12 (A) by striking subparagraphs (A) and
13 (D);

14 (B) by redesignating subparagraphs (B),
15 (C), (E), and (F) as subparagraphs (A), (B),
16 (F), and (G), respectively;

17 (C) by inserting after subparagraph (B)
18 the following:

19 “(C) sustainable and renewable agri-
20 culture-based energy production options and
21 policies;

22 “(D) environmental and outcome-based
23 conservation programs and markets;

24 “(E) agricultural and rural entrepreneur-
25 ship and business and community development,

1 including farming and ranching opportunities
2 for beginning farmers or ranchers;” and

3 (D) in subparagraph (G) (as redesignated
4 by subparagraph (B))—

5 (i) by striking “including the viabil-
6 ity” and inserting the following: “includ-
7 ing—

8 “(i) the viability”; and

9 (ii) by striking “operations.” and in-
10 sserting the following: “operations;

11 “(ii) farm transition options for retir-
12 ing farmers or ranchers; and

13 “(iii) farm transfer and entry alter-
14 natives for beginning or socially-disadvan-
15 taged farmers or ranchers.”.

16 **SEC. 7202. PARTNERSHIPS FOR HIGH-VALUE AGRICUL-**
17 **TURAL PRODUCT QUALITY RESEARCH.**

18 Section 402(g) of the Agricultural Research, Exten-
19 sion, and Education Reform Act of 1998 (7 U.S.C.
20 7622(g)) is amended by striking “2007” and inserting
21 “2013”.

22 **SEC. 7203. PRECISION AGRICULTURE.**

23 Section 403(i)(1) of the Agricultural Research, Ex-
24 tension, and Education Reform Act of 1998 (7 U.S.C.

1 7623(i)(1)) is amended by striking “2007” and inserting
2 “2013”.

3 **SEC. 7204. BIOBASED PRODUCTS.**

4 (a) PILOT PROJECT.—Section 404(e)(2) of the Agri-
5 cultural Research, Extension, and Education Reform Act
6 of 1998 (7 U.S.C. 7624(e)(2)) is amended by striking
7 “2007” and inserting “2013”.

8 (b) AUTHORIZATION OF APPROPRIATIONS.—Section
9 404(h) of the Agricultural Research, Extension, and Edu-
10 cation Reform Act of 1998 (7 U.S.C. 7624(h)) is amended
11 by striking “2007” and inserting “2013”.

12 **SEC. 7205. THOMAS JEFFERSON INITIATIVE FOR CROP DI-**
13 **VERSIFICATION.**

14 Section 405(h) of the Agricultural Research, Exten-
15 sion, and Education Reform Act of 1998 (7 U.S.C.
16 7625(h)) is amended by striking “2007” and inserting
17 “2013”

18 **SEC. 7206. INTEGRATED RESEARCH, EDUCATION, AND EX-**
19 **TENSION COMPETITIVE GRANTS PROGRAM.**

20 Section 406(f) of the Agricultural Research, Exten-
21 sion, and Education Reform Act of 1998 (7 U.S.C.
22 7626(f)) is amended by striking “2007” and inserting
23 “2013”.

1 **SEC. 7207. SUPPORT FOR RESEARCH REGARDING DISEASES**
2 **OF WHEAT, TRITICALE, AND BARLEY CAUSED**
3 **BY FUSARIUM GRAMINEARUM OR BY**
4 **TILLETIA INDICA.**

5 Section 408(e) of the Agricultural Research, Exten-
6 sion, and Education Reform Act of 1998 (7 U.S.C.
7 7628(e)) is amended by striking “2007” and inserting
8 “2013”.

9 **SEC. 7208. BOVINE JOHNE’S DISEASE CONTROL PROGRAM.**

10 Section 409(b) of the Agricultural Research, Exten-
11 sion, and Education Reform Act of 1998 (7 U.S.C.
12 7629(b)) is amended by striking “2007” and inserting
13 “2013”.

14 **SEC. 7209. GRANTS FOR YOUTH ORGANIZATIONS.**

15 Section 410(c) of the Agricultural Research, Exten-
16 sion, and Education Reform Act of 1998 (7 U.S.C.
17 7630(c)) is amended by striking “2007” and inserting
18 “2013”.

19 **SEC. 7210. AGRICULTURAL BIOTECHNOLOGY RESEARCH**
20 **AND DEVELOPMENT FOR DEVELOPING COUN-**
21 **TRIES.**

22 Section 411(c) of the Agricultural Research, Exten-
23 sion, and Education Reform Act of 1998 (7 U.S.C.
24 7631(c)) is amended by striking “2007” and inserting
25 “2013”.

1 **SEC. 7211. OFFICE OF PEST MANAGEMENT POLICY.**

2 Section 614(f) of the Agricultural Research, Exten-
3 sion, and Education Reform Act of 1998 (7 U.S.C.
4 7653(f)) is amended by striking “2007” and inserting
5 “2013”.

6 **Subtitle D—Other Laws**

7 **SEC. 7301. CRITICAL AGRICULTURAL MATERIALS ACT.**

8 Section 16(a) of the Critical Agricultural Materials
9 Act (7 U.S.C. 178n(a)) is amended by striking “2007”
10 and inserting “2013”.

11 **SEC. 7302. EQUITY IN EDUCATIONAL LAND-GRANT STATUS**

12 **ACT OF 1994.**

13 (a) DEFINITION OF 1994 INSTITUTIONS.—Section
14 532 of the Equity in Educational Land-Grant Status Act
15 of 1994 (7 U.S.C. 301 note; Public Law 103–382) is
16 amended by adding at the end the following:

17 “(34) Ilisagvik College.”.

18 (b) ENDOWMENT FOR 1994 INSTITUTIONS.—Section
19 533(b) of the Equity in Educational Land-Grant Status
20 Act of 1994 (7 U.S.C. 301 note; Public Law 103–382)
21 is amended in the first sentence by striking “2007” and
22 inserting “2013”.

23 (c) INSTITUTIONAL CAPACITY BUILDING GRANTS.—

24 Section 535 of the Equity in Educational Land-Grant Sta-
25 tus Act of 1994 (7 U.S.C. 301 note; Public Law 103–

1 382) is amended by striking “2007” each place it appears
2 and inserting “2013”.

3 (d) RESEARCH GRANTS.—Section 536(c) of the Eq-
4 uity in Educational Land-Grant Status Act of 1994 (7
5 U.S.C. 301 note; Public Law 103–382) is amended in the
6 first sentence by striking “2007” and inserting “2013”.

7 **SEC. 7303. RESEARCH FACILITIES ACT.**

8 Section 6(a) of the Research Facilities Act (7 U.S.C.
9 390d(a)) is amended by striking “2007” and inserting
10 “2013”.

11 **SEC. 7304. NATIONAL AGRICULTURAL RESEARCH, EXTEN-**
12 **SION, AND TEACHING POLICY ACT AMEND-**
13 **MENTS OF 1985.**

14 Section 1431 of the National Agricultural Research,
15 Extension, and Teaching Policy Act Amendments of 1985
16 (Public Law 99–198; 99 Stat. 1556) is amended by strik-
17 ing “2007” and inserting “2013”.

18 **SEC. 7305. COMPETITIVE, SPECIAL, AND FACILITIES RE-**
19 **SEARCH GRANT ACT.**

20 The Competitive, Special, and Facilities Research
21 Grant Act (7 U.S.C. 450i) is amended in subsection (b)—

22 (1) in paragraph (2)—

23 (A) in the matter preceding subparagraph

24 (A)—

1 (i) by striking “in the areas” and all
2 that follows through “needs shall be” and
3 inserting “, as”; and

4 (ii) by striking “year.” and inserting
5 “year, relating to—”;

6 (B) in subparagraph (E), by striking
7 “and” at the end and inserting “; agricultural
8 genomics and biotechnology;”;

9 (C) in subparagraph (F), by striking the
10 period at the end and inserting “, including
11 areas of concern to beginning farmers or ranch-
12 ers; and”; and

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

14 “(G) classical plant and animal breeding,
15 including cultivar and breed development, selec-
16 tion theory, applied quantitative genetics, breed-
17 ing for organic and sustainable systems, breed-
18 ing for improved nutritional and eating quality,
19 breeding for improved local adaptation to biotic
20 stress, abiotic stress, and climate change, and
21 participatory breeding with farmers and end
22 users.”;

23 (2) in paragraph (4)—

24 (A) by striking “The” and inserting the
25 following:

1 “(A) IN GENERAL.—Subject to subpara-
2 graph (B), the”; and

3 (B) by adding at the end the following:

4 “(B) CLASSICAL PLANT AND ANIMAL
5 BREEDING.—The term of a competitive grant
6 relating to classical plant and animal breeding
7 under paragraph (2)(G) shall not exceed 10
8 years.”; and

9 (3) in paragraph (10), by striking “2007” and
10 inserting “2013”.

11 **SEC. 7306. EDUCATION GRANTS TO ALASKA NATIVE SERV-**
12 **ING INSTITUTIONS AND NATIVE HAWAIIAN**
13 **SERVING INSTITUTIONS.**

14 Section 759 of the Agriculture, Rural Development,
15 Food and Drug Administration, and Related Agencies Ap-
16 propriations Act, 2000 (7 U.S.C. 3242) is amended—

17 (1) in subsection (a)(3), by striking “2006” and
18 inserting “2013”; and

19 (2) in subsection (b)—

20 (A) in paragraph (2)(A), by inserting be-
21 fore the semicolon at the end the following: “,
22 including permitting consortia to designate fis-
23 cal agents for the members of the consortia and
24 to allocate among the members funds made
25 available under this section”; and

1 (B) in paragraph (3), by striking “2006”
2 and inserting “2013”.

3 **SEC. 7307. BEGINNING FARMER AND RANCHER DEVELOP-**
4 **MENT PROGRAM.**

5 (a) GRANTS.—Section 7405(c) of the Farm Security
6 and Rural Investment Act of 2002 (7 U.S.C. 3319f(e))
7 is amended—

8 (1) in paragraph (1)—

9 (A) in subparagraph (I), by inserting “, in-
10 cluding energy conservation and efficiency”
11 after “assistance”; and

12 (B) in subparagraph (K), by inserting “,
13 including transition to organic and other
14 source-verified and value-added alternative pro-
15 duction and marketing systems” after “strate-
16 gies”;

17 (2) by striking paragraph (3) and inserting the
18 following:

19 “(3) MAXIMUM TERM AND SIZE OF GRANT.—

20 “(A) IN GENERAL.—A grant under this
21 subsection shall—

22 “(i) have a term that is not more than
23 3 years; and

24 “(ii) be in an amount that is not more
25 than \$250,000 a year.

1 “(B) CONSECUTIVE GRANTS.—An eligible
2 recipient may receive consecutive grants under
3 this subsection.”;

4 (3) by redesignating paragraphs (5) through
5 (7) as paragraphs (9) through (11), respectively;

6 (4) by inserting after paragraph (4) the fol-
7 lowing:

8 “(5) EVALUATION CRITERIA.—In making
9 grants under this subsection, the Secretary shall
10 evaluate—

11 “(A) relevancy;

12 “(B) technical merit;

13 “(C) achievability;

14 “(D) the expertise and track record of the
15 applicant;

16 “(E) the adequacy of plans for the
17 participatory evaluation process, outcome-based
18 reporting, and the communication of findings
19 and results beyond the immediate target audi-
20 ence; and

21 “(F) other appropriate factors, as deter-
22 mined by the Secretary.

23 “(6) REGIONAL BALANCE.—In making grants
24 under this section, the Secretary shall, to the max-

1 imum extent practicable, ensure geographic diver-
2 sity.

3 “(7) ORGANIC CONVERSION.—The Secretary
4 may make grants under this section to support
5 projects that provide comprehensive technical assist-
6 ance to beginning farmers or ranchers who are in
7 the process of converting to certified organic produc-
8 tion.

9 “(8) PRIORITY.—In making grants under this
10 section, the Secretary shall give priority to partner-
11 ships and collaborations that are led by or include
12 non-governmental and community-based organiza-
13 tions with expertise in new farmer training and out-
14 reach.”; and

15 (5) in paragraph (9) (as redesignated by para-
16 graph (3))—

17 (A) in subparagraph (B), by striking
18 “and” at the end;

19 (B) in subparagraph (C), by striking the
20 period and adding “; and”; and

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

22 “(D) refugee or immigrant farmers or
23 ranchers”.

24 (b) EDUCATION TEAMS.—Section 7405(d)(2) of the
25 Farm Security and Rural Investment Act of 2002 (7

1 U.S.C. 3319f(d)(2)) is amended by inserting “, including
2 sustainable and organic farming production and mar-
3 keting methods” before the period at the end.

4 (c) STAKEHOLDER INPUT.—Section 7405(f) of the
5 Farm Security and Rural Investment Act of 2002 (7
6 U.S.C. 3319f(f)) is amended—

7 (1) by redesignating paragraphs (1) through
8 (3) as subparagraphs (A) through (C), respectively,
9 and indenting appropriately;

10 (2) by striking “In carrying out” and inserting
11 the following:

12 “(1) IN GENERAL.—In carrying out”; and

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

14 “(2) REVIEW PANELS.—In forming review pan-
15 els to evaluate proposals submitted under this sec-
16 tion, the Secretary shall include individuals from the
17 categories described in paragraph (1).”.

18 (d) FUNDING.—Section 7405 of the Farm Security
19 and Rural Investment Act of 2002 (7 U.S.C. 3319f) is
20 amended by striking subsection (h) and inserting the fol-
21 lowing:

22 “(h) FUNDING.—

23 “(1) IN GENERAL.—Of the funds of the Com-
24 modity Credit Corporation, the Secretary shall use
25 to carry out this section [\$ _____] for each of

1 fiscal years 2008 through 2013, to remain available
2 for 2 fiscal years.

3 “(2) LIMITATION.—The Secretary shall use not
4 more than 10 percent of the total amount of funds
5 made available under paragraph (1) to carry out
6 subsections (d) and (e).”.

7 **SEC. 7308. AGRICULTURAL RISK PROTECTION ACT OF 2000.**

8 Section 221(g) of the Agricultural Risk Protection
9 Act of 2000 (7 U.S.C. 6711(g)) is amended by striking
10 “2007” and inserting “2013”.

11 **SEC. 7309. 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 “2013”.

15 **SEC. 7310. RESEARCH LABORATORIES FOR ANIMAL DIS-**
16 **EASES.**

17 Section 12 of the Act of May 29, 1884 (21 U.S.C.
18 113a) is amended to read as follows:

19 **“SEC. 12. RESEARCH LABORATORIES FOR ANIMAL DIS-**
20 **EASES.**

21 “(a) DEFINITIONS.—In this section:

22 “(1) ANIMAL DISEASE.—The term ‘animal dis-
23 ease’ has the meaning given the term by the Sec-
24 retary.

1 “(2) IMPORT.—The term ‘import’ means to
2 move from a place outside the territorial limits of
3 the United States to a place within the territorial
4 limits of the United States.

5 “(3) LIVE VIRUS.—The term ‘live virus’ means
6 a live virus of foot-and-mouth disease, rinderpest, or
7 any other animal disease.

8 “(4) SECRETARY.—The term ‘Secretary’ means
9 the Secretary of Agriculture.

10 “(5) STATE.—The term ‘State’ means ___

11 “(A) each of the several States of the
12 United States;

13 “(B) the District of Columbia;

14 “(C) the Commonwealth of Puerto Rico;

15 “(D) Guam;

16 “(E) American Samoa;

17 “(F) the Commonwealth of the Northern
18 Mariana Islands;

19 “(G) the Federated States of Micronesia;

20 “(H) the Republic of the Marshall Islands;

21 “(I) the Republic of Palau; and

22 “(J) the United States Virgin Islands.

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 may establish research labora-
3 tories (including the acquisition of necessary land,
4 buildings, or facilities) and enter into research con-
5 tracts in accordance with section 10(a) of the Act of
6 June 29, 1935 (commonly known as the ‘Bankhead-
7 Jones Act’) (7 U.S.C. 427i(a)), for research and
8 study of animal diseases.

9 “(2) AGRICULTURE AND PUBLIC HEALTH.—To
10 the extent that the Secretary determines that an
11 animal disease constitutes a threat to the livestock
12 industry of, or public health in, the United States,
13 the Secretary may conduct, and enter into contracts
14 with a Federal or State agency or private individual
15 or entity to conduct, research, diagnostic, and other
16 activities relating to the animal disease.

17 “(c) RESTRICTIONS RELATING TO LIVE VIRUSES.—

18 “(1) IN GENERAL.—Except as provided in para-
19 graphs (2), (3), and (4), a Federal or State agency
20 or private individual or entity may not—

21 “(A) import a live virus into the United
22 States;

23 “(B) transport a live virus within the
24 United States; or

1 “(C) store or maintain a live virus at a re-
2 search facility.

3 “(2) EXCEPTION FOR SECRETARY.—The re-
4 strictions described in paragraph (1) shall not apply
5 to the Secretary.

6 “(3) PERMITS.—

7 “(A) IN GENERAL.—The Secretary may
8 issue a permit to exempt a Federal or State
9 agency or private individual or entity from 1 or
10 more of the restrictions in paragraph (1) if the
11 Secretary determines that the issuance of the
12 permit is in the public interest.

13 “(B) TERMS OF PERMITS.—A permit
14 issued under this paragraph shall be subject to
15 such terms and conditions as the Secretary
16 shall prescribe.

17 “(4) LIMITATION.—This subsection shall not
18 apply to the importation, transportation, storage, or
19 maintenance of any live virus under regulations pro-
20 mulgated pursuant to—

21 “(A) section 351A of the Public Health
22 Service Act (42 U.S.C. 262a); or

23 “(B) the Agricultural Bioterrorism Protec-
24 tion Act of 2002 (7 U.S.C. 8401 et seq.).

25 “(d) AUTHORIZATION OF APPROPRIATIONS.—

1 “(1) IN GENERAL.—There are authorized to be
2 appropriated such sums as are necessary to carry
3 out this section.

4 “(2) MAINTENANCE OF FUNDING AND EF-
5 FORT.—Funds made available under paragraph (1)
6 shall supplement (and not supplant) other Federal,
7 State, and local funding for the control or eradi-
8 cation of animal diseases.”.

9 **SEC. 7311. NATIONAL ARBORETUM.**

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

12 **“SEC. 7. CONSTRUCTION OF A CHINESE GARDEN AT NA-
13 TIONAL ARBORETUM.**

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

16 “(1) funds accepted under section 5;

17 “(2) authorities provided to the Secretary of
18 Agriculture under section 6; and

19 “(3) appropriations made for this purpose.”.

20 **SEC. 7312. JOINT NUTRITION MONITORING AND RELATED
21 RESEARCH ACTIVITIES.**

22 The Secretary and the Secretary of Health and
23 Human Services shall continue to provide jointly for na-
24 tional nutrition monitoring and related research activities
25 carried out as of the date of enactment of this Act—

1 (1) to collect continuous data relating to diet,
2 health, physical activity, and knowledge about diet
3 and health, using a nationally-representative sample;

4 (2) to periodically collect data described in
5 paragraph (1) on special at-risk populations, as
6 identified by the Secretaries;

7 (3) to distribute information on health, nutri-
8 tion, the environment, and physical activity to the
9 public in a timely manner;

10 (4) to analyze new data as the data becomes
11 available;

12 (5) to continuously update food composition ta-
13 bles; and

14 (6) to research and develop data collection
15 methods and standards.

16 **Subtitle E—National Institute of**
17 **Food and Agriculture**

18 **SEC. 7401. NATIONAL INSTITUTE OF FOOD AND AGRI-**
19 **CULTURE.**

20 (a) IN GENERAL.—Subtitle F of the Department of
21 Agriculture Reorganization Act of 1994 is amended by
22 adding after section 252 (7 U.S.C. 6972) the following:

23 **“SEC. 253. NATIONAL INSTITUTE OF FOOD AND AGRI-**
24 **CULTURE.**

25 “(a) DEFINITIONS.—In this section:

1 “(1) **ADVISORY BOARD.**—The term ‘Advisory
2 Board’ means the National Agricultural Research,
3 Extension, Education, and Economics Advisory
4 Board established under section 1408 of the Na-
5 tional Agricultural Research, Extension, and Teach-
6 ing Policy Act of 1977 (7 U.S.C. 3123).

7 “(2) **COMPETITIVE PROGRAM.**—The term ‘com-
8 petitive program’ means each of the following agri-
9 cultural research, extension, education, and related
10 programs for which the Secretary has administrative
11 or other authority as of the day before the date of
12 enactment of this section:

13 “(A) The competitive grant program estab-
14 lished under section 2 of the Competitive, Spe-
15 cial, and Facilities Research Grant Act (7
16 U.S.C. 450i), commonly known as the ‘National
17 Research Initiative Competitive Grants Pro-
18 gram’.

19 “(B) The integrated research, education,
20 and extension competitive grants program es-
21 tablished under section 406 of the Agricultural
22 Research, Extension, and Education Reform
23 Act of 1998 (7 U.S.C. 7626).

24 “(C) The Initiative for Future Agriculture
25 and Food Systems established under section

1 401 of the Agricultural Research, Extension,
2 and Education Reform Act of 1998 (7 U.S.C.
3 7621).

4 “(D) The research and extension projects
5 carried out under section 1621 of the Food, Ag-
6 riculture, Conservation, and Trade Act of 1990
7 (7 U.S.C. 5811), commonly known as the ‘Sus-
8 tainable Agriculture Research and Education
9 program’.

10 “(E) The organic agriculture research and
11 extension initiative established under section
12 1672B of the Food, Agriculture, Conservation,
13 and Trade Act of 1990 (7 U.S.C. 5925b).

14 “(F) The program providing grants under
15 section 1417(b)(1) of the National Agricultural
16 Research, Extension, and Teaching Policy Act
17 of 1977 (7 U.S.C. 3152(b)(1)), commonly
18 known as ‘Higher Education Challenge Grants’.

19 “(G) The program providing grants under
20 section 1417(j) of the National Agricultural Re-
21 search, Extension, and Teaching Policy Act of
22 1977 (7 U.S.C. 3152(j)), commonly known as
23 ‘Institution Challenge Grants’.

24 “(H) The program providing food and ag-
25 ricultural sciences national needs graduate and

1 postgraduate fellowship grants established
2 under section 1417(b)(6) of the National Agri-
3 cultural Research, Extension, and Teaching
4 Policy Act of 1977 (7 U.S.C. 3152(b)(6)).

5 “(I) The program providing grants and re-
6 lated assistance established under section
7 1417(b)(5) of the National Agricultural Re-
8 search, Extension, and Teaching Policy Act of
9 1977 (7 U.S.C. 3152(b)(5)) commonly known
10 as the ‘Higher Education Multicultural Schol-
11 ars Program’.

12 “(J) The program providing competitive
13 grants for international agricultural science and
14 education programs under section 1459A of the
15 National Agricultural Research, Extension, and
16 Teaching Policy Act of 1977 (7 U.S.C. 3292b).

17 “(K) The biotechnology risk assessment re-
18 search program established under section 1668
19 of the Food, Agriculture, Conservation, and
20 Trade Act of 1990 (7 U.S.C. 5921).

21 “(L) The Small Business Innovation Re-
22 search Program established under section 9 of
23 the Small Business Act (15 U.S.C. 638).

24 “(M) The program providing community
25 food project competitive grants established

1 under section 25 of the Food Stamp Act of
2 1977 (7 U.S.C. 2034).

3 “(N) The program providing grants for
4 Hispanic-serving institutions established under
5 section 1455 of the National Agricultural Re-
6 search, Extension, and Teaching Policy Act of
7 1977 (7 U.S.C. 3241).

8 “(O) The program providing competitive
9 grants for risk management education estab-
10 lished under section 524(a)(3) of the Federal
11 Crop Insurance Act (7 U.S.C. 1524(a)(3)).

12 “(3) DIRECTOR.—The term ‘Director’ means
13 the Director of the Institute.

14 “(4) INFRASTRUCTURE PROGRAM.—The term
15 ‘infrastructure program’ means each of the following
16 agricultural research, extension, education, and re-
17 lated programs for which the Secretary has adminis-
18 trative or other authority as of the day before the
19 date of enactment of this section:

20 “(A) Each program established under the
21 Act of July 2, 1862 (commonly known as the
22 ‘First Morrill Act’) (7 U.S.C. 301 et seq.).

23 “(B) Each program providing funding to
24 any of the 1994 Institutions under sections
25 533, 534(a), and 535 of the Equity in Edu-

1 educational Land-Grant Status Act of 1994 (7
2 U.S.C. 301 note; Public Law 103–382) (com-
3 monly known as ‘financial assistance, technical
4 assistance, and endowments to tribal colleges
5 and Navajo Community College’).

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

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

14 “(E) Each program established under the
15 Hatch Act of 1887 (7 U.S.C. 361a et seq.).

16 “(F) Each grant program established
17 under section 2501 of the Food, Agriculture,
18 Conservation, and Trade Act of 1990 (7 U.S.C.
19 2279) providing outreach and assistance for so-
20 cially disadvantaged farmers and ranchers.

21 “(G) Each program established under sec-
22 tion 1417(b)(4) of the National Agricultural
23 Research, Extension, and Teaching Policy Act
24 of 1977 (7 U.S.C. 3152(b)(4)), including grant
25 programs under that section (commonly known

1 as the ‘1890 Institution Teaching and Research
2 Capacity Building Grants Program’).

3 “(H) The animal health and disease re-
4 search program established under subtitle E of
5 the National Agricultural Research, Extension,
6 and Teaching Policy Act of 1977 (7 U.S.C.
7 3191 et seq.).

8 “(I) Each extension program available to
9 1890 Institutions established under sections
10 1444 and 1464 of the National Agricultural Re-
11 search, Extension, and Teaching Policy Act of
12 1977 (7 U.S.C. 3221, 3312).

13 “(J) The program established under sec-
14 tion 1445 of the National Agricultural Re-
15 search, Extension, and Teaching Policy Act of
16 1977 (7 U.S.C. 3222) (commonly known as the
17 ‘Evans-Allen Program’).

18 “(K) The program providing grants to up-
19 grade agricultural and food sciences facilities at
20 1890 Institutions established under section
21 1447 of the National Agricultural Research,
22 Extension, and Teaching Policy Act of 1977 (7
23 U.S.C. 3222b).

24 “(L) The program providing distance edu-
25 cation grants for insular areas established

1 under section 1490 of the National Agricultural
2 Research, Extension, and Teaching Policy Act
3 of 1977 (7 U.S.C. 3362).

4 “(M) The program providing resident in-
5 struction grants for insular areas established
6 under section 1491 of the National Agricultural
7 Research, Extension, and Teaching Policy Act
8 of 1977 (7 U.S.C. 3363).

9 “(N) Each program available to 1890 In-
10 stitutions established under section 406 of the
11 Agricultural Research, Extension, and Edu-
12 cation Reform Act of 1998 (7 U.S.C. 7626).

13 “(O) The program providing competitive
14 extension grants to eligible 1994 Institutions
15 under section 1464 of National Agricultural Re-
16 search, Extension, and Teaching Policy Act of
17 1977 (7 U.S.C. 3312) and the Equity in Edu-
18 cational Land-Grant Status Act of 1994 (Public
19 Law 103–382; 7 U.S.C. 301 note) established
20 under section 406 of the Agricultural Research,
21 Extension, and Education Reform Act of 1998
22 (7 U.S.C. 7626).

23 “(P) Each research and development and
24 related program established under Public Law
25 87–788 (commonly known as the ‘McIntire-

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

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

6 “(5) INSTITUTE.—The term ‘Institute’ means
7 the National Institute of Food and Agriculture es-
8 tablished by subsection (b)(1)(A).

9 “(b) ESTABLISHMENT OF NATIONAL INSTITUTE FOR
10 FOOD AND AGRICULTURE.—

11 “(1) ESTABLISHMENT.—

12 “(A) IN GENERAL.—There is established
13 within the Department an agency to be known
14 as the ‘National Institute of Food and Agri-
15 culture’.

16 “(B) LOCATION.—The location of the In-
17 stitute shall be in Washington, District of Co-
18 lumbia, as determined by the Secretary.

19 “(C) MEMBERS.—The Institute shall con-
20 sist of—

21 “(i) the Director;

22 “(ii) the individual offices established
23 under subsection (e); and

24 “(iii) the staff and employees of Na-
25 tional Institutes for Food and Agriculture.

1 “(2) TRANSFER OF AUTHORITIES.—There are
2 transferred to the Institute the authorities (including
3 all budget authorities and personnel), duties, obliga-
4 tions, and related legal and administrative functions
5 prescribed by law or otherwise granted to the Sec-
6 retary, the Department, or any other agency or offi-
7 cial of the Department under—

8 “(A) the infrastructure programs;

9 “(B) the competitive programs;

10 “(C) the research, education, economic, co-
11 operative State research programs, cooperative
12 extension and education programs, international
13 programs, and other functions and authorities
14 delegated by the Secretary to the Administrator
15 of the Cooperative State Research, Education,
16 and Extension Service pursuant to section 2.66
17 of title 7, Code of Federal Regulations (or suc-
18 cessor regulations); and

19 “(D) any and all other authorities adminis-
20 tered by the Administrator of the Cooperative
21 State Research, Education, and Extension Serv-
22 ice.

23 “(3) CONSOLIDATION OF AUTHORITIES.—To
24 carry out this Act, in accordance with the transfer
25 and continuation of the authorities, budgetary func-

1 tions, and personnel resources under this subsection,
2 the administrative entity within the Department
3 known as the Cooperative State Research, Edu-
4 cation, and Extension Service shall terminate on the
5 earlier of—

6 “(A) October 1, 2008; or

7 “(B) such earlier date as the Director de-
8 termines to be appropriate.

9 “(c) DIRECTOR.—

10 “(1) IN GENERAL.—The Institute shall be
11 headed by a Director, who shall be an individual who
12 is—

13 “(A) a distinguished scientist; and

14 “(B) appointed by the President, by and
15 with the advice and consent of the Senate.

16 “(2) TERM.—The Director shall serve for a sin-
17 gle, 6-year term.

18 “(3) SUPERVISION.—The Director shall report
19 directly to the Secretary.

20 “(4) COMPENSATION.—The Director shall re-
21 ceive basic pay at the rate provided for level II of
22 the Executive Schedule under section 5513 of title
23 5, United States Code.

24 “(5) AUTHORITY AND RESPONSIBILITIES OF DI-
25 RECTOR.—

1 “(A) IN GENERAL.—Except as otherwise
2 specifically provided in this section, the Director
3 shall—

4 “(i) exercise all of the authority pro-
5 vided to the Institute by this section;

6 “(ii) in consultation with the National
7 Agricultural Research, Extension, Edu-
8 cation, and Economics Advisory Board,
9 formulate programs in accordance with
10 policies adopted by the Institute;

11 “(iii) establish offices within the Insti-
12 tute;

13 “(iv) establish procedures for the peer
14 review of research funded by the Institute;

15 “(v) establish procedures for the pro-
16 vision and administration of grants by the
17 Institute in accordance with this section;

18 “(vi) assess the personnel needs of ag-
19 ricultural research in the areas supported
20 by the Institute, and, if determined to be
21 appropriate by the Director or the Sec-
22 retary, for other areas of food and agricul-
23 tural research; and

24 “(vii) plan programs that will help
25 meet agricultural personnel needs in the

1 future, including portable fellowship and
2 training programs in fundamental agricul-
3 tural research and fundamental science.

4 “(B) FINALITY OF ACTIONS.—An action
5 taken by the Director in accordance with this
6 section (or in accordance with the terms of a
7 delegation of authority by the Advisory Board)
8 shall be final and binding upon the Institute.

9 “(C) DELEGATION AND REDELEGATION OF
10 FUNCTIONS.—

11 “(i) IN GENERAL.—Except as pro-
12 vided in clause (ii), the Director may, from
13 time to time and as the Director considers
14 to be appropriate, authorize the perform-
15 ance by any other officer, agency, or em-
16 ployee of the Institute of any of the func-
17 tions of the Director under this section, in-
18 cluding functions delegated to the Director
19 by the Advisory Board.

20 “(ii) CONTRACTS, GRANTS, AND
21 OTHER ARRANGEMENTS.—The Director
22 may enter into contracts and other ar-
23 rangements, and provide grants, in accord-
24 ance with this section.

1 “(iii) FORMULATION OF PROGRAMS.—

2 The formulation of programs in accordance
3 with the policies of the Institute shall be
4 carried out by the Director, in consultation
5 with the Secretary.

6 “(iv) REPORTING.—The Director shall
7 promptly report each contract or other ar-
8 rangement that the Institute has entered
9 into, each grant awarded to the Institute,
10 and each other action of the Director
11 taken, under clause (ii) to the Committee
12 on Agriculture, Nutrition, and Forestry of
13 the Senate and the Committee on Agri-
14 culture of the House of Representatives.

15 “(6) STAFF.—The Director shall recruit and
16 hire such senior staff and other personnel as are
17 necessary to assist the Director in carrying out this
18 section.

19 “(7) REPORTING AND CONSULTATION.—The
20 Director shall—

21 “(A) periodically report to the Secretary
22 with respect to activities carried out by the In-
23 stitute; and

1 “(C) to enter into contracts or other ar-
2 rangements, or modifications of contracts or
3 other arrangements—

4 “(i) to provide for the conduct, by or-
5 ganizations or individuals in the United
6 States (including other agencies of the De-
7 partment, Federal agencies, and agencies
8 of foreign countries), of such agricultural
9 research or related activities as the Insti-
10 tute considers to be necessary to carry out
11 this section; and

12 “(ii) at the request of the Secretary,
13 for the conduct of such specific agricul-
14 tural research as is in the national interest
15 or is otherwise of critical importance, as
16 determined by the Secretary, with the con-
17 currence of the Institute;

18 “(D) to make advance, progress, and other
19 payments relating to research and scientific ac-
20 tivities without regard to subsections (a) and
21 (b) of section 3324 of title 31, United States
22 Code;

23 “(E) to acquire by purchase, lease, loan,
24 gift, or condemnation, and to hold and dispose
25 of by grant, sale, lease, or loan, real and per-

1 sonal property of all kinds necessary for, or re-
2 sulting from, the exercise of authority under
3 this section;

4 “(F) to receive and use donated funds, if
5 the funds are donated without restriction other
6 than that the funds be used in furtherance of
7 1 or more of the purposes of the Institute;

8 “(G) to publish or arrange for the publica-
9 tion of research and scientific information to
10 further the full dissemination of information of
11 scientific value consistent with the national in-
12 terest, without regard to section 501 of title 44,
13 United States Code;

14 “(H)(i) to accept and use the services of
15 voluntary and uncompensated personnel; and

16 “(ii) to provide such transportation and
17 subsistence as are authorized by section 5703
18 of title 5, United States Code, for individuals
19 serving without compensation;

20 “(I) to prescribe, with the approval of the
21 Comptroller General of the United States, the
22 extent to which vouchers for funds expended
23 under contracts for scientific or engineering re-
24 search shall be subject to itemization or sub-
25 stantiation prior to payment, without regard to

1 the limitations of other laws relating to the ex-
2 penditure and accounting of public funds;

3 “(J) to reimburse the Secretary, and the
4 heads of other Federal agencies, for the per-
5 formance of any activity that the Institute is
6 authorized to conduct; and

7 “(K) to enter into contracts, at the request
8 of the Secretary, for the carrying out of such
9 specific agricultural research as is in the na-
10 tional interest or otherwise of critical impor-
11 tance, as determined by the Secretary, with the
12 consent of the Institute.

13 “(2) TRANSFER OF RESEARCH FUNDS OF
14 OTHER DEPARTMENTS OR AGENCIES.—Funds avail-
15 able to the Secretary, or any other department or
16 agency of the Federal Government, for agricultural
17 or scientific research shall be—

18 “(A) available for transfer, with the ap-
19 proval of the Secretary or the head of the other
20 appropriate department or agency involved, in
21 whole or in part, to the Institute for use in pro-
22 viding grants in accordance with the purposes
23 for which the funds were made available; and

24 “(B) if so transferred, expendable by the
25 Institute for those purposes.

1 “(e) OFFICES.—

2 “(1) ESTABLISHMENT OF OFFICES.—

3 “(A) OFFICE OF THE AGRICULTURAL RE-
4 SEARCH, EXTENSION, AND EDUCATION NET-
5 WORK.—

6 “(i) ESTABLISHMENT.—The Director
7 shall establish within the Institute an Of-
8 fice of the Agricultural Research, Exten-
9 sion, and Education Network (referred to
10 in this subparagraph as the ‘Office’).

11 “(ii) DUTIES.—At the discretion of
12 the Director, in consultation with the Sec-
13 retary, the Office shall have responsibility
14 for all infrastructure programs.

15 “(B) OFFICE OF COMPETITIVE PROGRAMS
16 FOR FUNDAMENTAL RESEARCH.—

17 “(i) DEFINITION OF FUNDAMENTAL
18 RESEARCH.—In this subparagraph, the
19 term ‘fundamental research’ means re-
20 search that, as determined by the Sec-
21 retary—

22 “(I) advances the frontiers of
23 knowledge in a manner that—

24 “(aa) leads to practical re-
25 sults; or

1 “(bb) furthers scientific dis-
2 covery; and

3 “(II) has an effect on agri-
4 culture, food, human health, or an-
5 other purpose of this section.

6 “(ii) ESTABLISHMENT.—The Director
7 shall establish within the Institute an Of-
8 fice of Competitive Programs for Funda-
9 mental Research (referred to in this sub-
10 paragraph as the ‘Office’).

11 “(iii) DUTIES.—At the discretion of
12 the Director, in consultation with the Sec-
13 retary, the Office shall have responsibility
14 for all competitive programs relating to
15 fundamental research.

16 “(C) OFFICE OF COMPETITIVE PROGRAMS
17 FOR APPLIED RESEARCH.—

18 “(i) DEFINITION OF APPLIED RE-
19 SEARCH.—In this subparagraph, the term
20 ‘applied research’ means research that, as
21 determined by the Secretary, expands on
22 the findings of fundamental research to
23 uncover practical ways in which new
24 knowledge can be advanced to benefit indi-
25 viduals and society.

1 “(ii) ESTABLISHMENT.—The Director
2 shall establish within the Institute an Of-
3 fice of Competitive Programs for Applied
4 Research (referred to in this subparagraph
5 as the ‘Office’).

6 “(iii) DUTIES.—At the discretion of
7 the Director, in consultation with the Sec-
8 retary, the Office shall have responsibility
9 for all competitive programs relating to ap-
10 plied research.

11 “(D) OFFICE OF COMPETITIVE PROGRAMS
12 FOR EDUCATION AND OTHER PURPOSES.—

13 “(i) ESTABLISHMENT.—The Director
14 shall establish within the Institute an Of-
15 fice of Competitive Programs for Edu-
16 cation and Other Purposes (referred to in
17 this subparagraph as the ‘Office’)

18 “(ii) DUTIES.—At the discretion of
19 the Director, in consultation with the Sec-
20 retary, the Office shall have responsibility
21 for all competitive programs that provide
22 education fellowships and other education-
23 related grants.

24 “(2) COMPETITIVE PROGRAMS FOR FUNDA-
25 MENTAL AND APPLIED RESEARCH.—

1 “(A) DEFINITION OF A COMPETITIVE PRO-
2 GRAM FOR FUNDAMENTAL AND APPLIED RE-
3 SEARCH.—In this paragraph, the term ‘com-
4 petitive program for fundamental and applied
5 research’ means—

6 “(i) the competitive grant program es-
7 tablished under section 2 of the Competi-
8 tive, Special, and Facilities Research Grant
9 Act (7 U.S.C. 450i), commonly known as
10 the ‘National Research Initiative Competi-
11 tive Grants Program’; and

12 “(ii) any other competitive program
13 that funds both fundamental and applied
14 research, as determined by the Secretary.

15 “(B) PROGRAM ALLOCATIONS.—For pur-
16 poses of determining which Office established
17 under paragraph (1) should have primary re-
18 sponsibility for a project funded under a com-
19 petitive program for fundamental and applied
20 research, the Secretary shall—

21 “(i) determine whether a particular
22 project or source of funding under a com-
23 petitive program for fundamental and ap-
24 plied research is principally related to fun-
25 damental or applied research; and

1 “(ii) assign the project or allocate the
2 source of funding to the appropriate Of-
3 fice.

4 “(3) RESPONSIBILITY OF THE DIRECTOR.—The
5 Director shall ensure that the Offices established
6 under paragraph (1) coordinate with each other Of-
7 fice for maximum efficiency.

8 “(f) REPORTING.—Not later than [_____],
9 and biennially thereafter, the Director shall submit to the
10 Secretary, the Committee on Agriculture and the Com-
11 mittee on Appropriations of the House of Representatives,
12 and the Committee on Agriculture, Nutrition, and For-
13 estry and the Committee on Appropriations of the Senate,
14 a comprehensive report that describes the research funded
15 and other activities carried out by the Institute during the
16 period covered by the report.”.

17 (b) NATIONAL AGRICULTURAL RESEARCH, EXTEN-
18 SION, AND TEACHING POLICY ACT OF 1977.—Section
19 1408(b) of the National Agricultural Research, Extension,
20 and Teaching Policy Act of 1977 (7 U.S.C. 3123(b)) is
21 amended—

22 (1) in paragraph (1), by striking “31 members”
23 and inserting “24 members”;

24 (2) by striking paragraph (3) and inserting the
25 following:

1 “(3) MEMBERSHIP CATEGORIES.—The Advisory
2 Board shall consist of members from each of the fol-
3 lowing categories:

4 “(A) 1 member representing a national
5 farm organization.

6 “(B) 1 member representing farm coopera-
7 tives.

8 “(C) 1 member actively engaged in the
9 production of a food animal commodity.

10 “(D) 1 member actively engaged in the
11 production of a plant commodity.

12 “(E) 1 member actively engaged in aqua-
13 culture.

14 “(F) 1 member representing a national
15 food animal science society.

16 “(G) 1 member representing a national
17 crop, soil, agronomy, horticulture, or weed
18 science society.

19 “(H) 1 member representing a national
20 food science organization.

21 “(I) 1 member representing a national
22 human health association.

23 “(J) 1 member representing a national nu-
24 tritional science society.

1 “(K) 1 member representing the land-
2 grant colleges and universities eligible to receive
3 funds under the Act of July 2, 1862 (7 U.S.C.
4 301 et seq.).

5 “(L) 1 member representing the land-
6 grant colleges and universities eligible to receive
7 funds under the Act of August 30, 1890 (7
8 U.S.C. 321 et seq.), including Tuskegee Univer-
9 sity.

10 “(M) 1 member representing the 1994 In-
11 stitutions (as defined in section 532 of the Eq-
12 uity in Educational Land-Grant Status Act of
13 1994 (Public Law 103–382; 7 U.S.C. 301
14 note)).

15 “(N) 1 member representing Hispanic-
16 serving institutions.

17 “(O) 1 member representing the American
18 Colleges of Veterinary Medicine.

19 “(P) 1 member engaged in the transpor-
20 tation of food and agricultural products to do-
21 mestic and foreign markets.

22 “(Q) 1 member representing food retailing
23 and marketing interests.

24 “(R) 1 member representing food and fiber
25 processors.

1 “(S) 1 member actively engaged in rural
2 economic development.

3 “(T) 1 member representing a national
4 consumer interest group.

5 “(U) 1 member representing a national
6 forestry group.

7 “(V) 1 member representing a national
8 conservation or natural resource group.

9 “(W) 1 member representing private sector
10 organizations involved in international develop-
11 ment.

12 “(X) 1 member representing a national so-
13 cial science association.”; and

14 (3) in paragraph (4), by striking “the Adminis-
15 trator of the Cooperative State Research, Education,
16 and Extension Service” and inserting “the Director
17 of the National Institute of Food and Agriculture”.

18 (c) FUNDING.—Section 401 of the Agricultural Re-
19 search, Extension, and Education Reform Act of 1998 (7
20 U.S.C. 7621) is amended by adding at the end the fol-
21 lowing:

22 “(g) ALLOCATION OF FUNDS.—

23 “(1) IN GENERAL.—Notwithstanding any other
24 provision of this section, of funds made available
25 under subsection (b), the Secretary shall allocate—

1 “(A) 50 percent to carry out the competi-
2 tive grant program authorized or otherwise ad-
3 ministered by the Department under section 2
4 of the Competitive, Special, and Facilities Re-
5 search Grant Act (7 U.S.C. 450i), commonly
6 known as the ‘National Research Initiative
7 Competitive Grants Program’);

8 “(B) 40 percent to carry out the Initiative
9 established under this section; and

10 “(C) 10 percent to carry out other com-
11 petitive programs under the authority of the Di-
12 rector of the National Institute of Food and
13 Agriculture.

14 “(2) ALLOCATION DURING PERIOD OF BUDGET
15 RECONCILIATION.—Notwithstanding any other provi-
16 sion of law, during any year in which funds are not
17 made available under this section, the Secretary
18 shall use 30 percent of the funds made available for
19 competitive research grants under the competitive
20 grant program described in paragraph (1)(A), to
21 carry out a competitive grants program under the
22 same terms and conditions as provided in this sec-
23 tion.

24 “(3) ANNUAL REPORT.—The Secretary shall
25 submit to the Committee on Agriculture and the

1 Committee on Appropriations of the House of Rep-
2 resentatives and the Committee on Agriculture, Nu-
3 trition, and Forestry and the Committee on Appro-
4 priations of the Senate, an annual report that de-
5 scribes the allocation and use of funds described in
6 this subsection.”.

7 (d) CONFORMING AMENDMENTS.—

8 (1) Section 296(b) of the Department of Agri-
9 culture Reorganization Act of 1994 (7 U.S.C.
10 7014(b)) is amended—

11 (A) in paragraph (4), by striking “or” at
12 the end;

13 (B) in paragraph (5), by striking the pe-
14 riod at the end and inserting “; or”; and

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

16 “(6) the authority of the Secretary relating to
17 the National Institute of Food and Agriculture
18 under section 253.”.

19 (2) The National Agricultural Research, Exten-
20 sion, and Teaching Policy Act of 1977 is amended—

21 (A) in section 1424A(b) (7 U.S.C.
22 3174a(b)), by striking “the Cooperative State
23 Research, Education, and Extension Service”
24 and inserting “the National Institute of Food
25 and Agriculture”; and

1 (B) in section 1458(a)(10) (7 U.S.C.
2 3291(a)(10)), by striking “the Cooperative
3 State Research, Education, and Extension Serv-
4 ice” and inserting “the National Institute of
5 Food and Agriculture”.

6 (3) Section 522(d)(2) of the Federal Crop In-
7 surance Act (7 U.S.C. 1522(d)(2)) is amended by
8 striking “the Cooperative State Research, Edu-
9 cation, and Extension Service” and inserting “the
10 National Institute of Food and Agriculture”.

11 (4) Section 524(a) of the Federal Crop Insur-
12 ance Act (7 U.S.C. 1524(a)) is amended in each of
13 paragraphs (1)(B) and (3)(A) by striking “the Co-
14 operative State Research, Education, and Extension
15 Service” each place it appears and inserting “the
16 National Institute of Food and Agriculture”.

17 (5) Section 306(a)(11)(C) of the Consolidated
18 Farm and Rural Development Act (7 U.S.C.
19 1926(a)(11)(C)) is amended by striking “the Coop-
20 erative State Research, Education, and Extension
21 Service” and inserting “the National Institute of
22 Food and Agriculture”.

23 (6) Section 704 of the Agriculture, Rural De-
24 velopment, Food and Drug Administration, and Re-
25 lated Agencies Appropriations Act, 2006 (7 U.S.C.

1 2209b), is amended by striking “Cooperative State
2 Research, Education, and Extension Service” and
3 inserting “the National Institute of Food and Agri-
4 culture”.

5 (7) Section 7404(b)(1)(B) of the Farm Security
6 and Rural Investment Act of 2002 (7 U.S.C. 3101
7 note; Public Law 107–171) is amended by striking
8 clause (vi) and inserting the following:

9 “(vi) the National Institute of Food
10 and Agriculture.”.

11 (8) Section 1499(e) of the Food, Agriculture,
12 Conservation, and Trade Act of 1990 (7 U.S.C.
13 5506(e)) is amended by striking “the Cooperative
14 State Research Service” and inserting “the National
15 Institute of Food and Agriculture”.

16 (9) Section 1622 of the Food, Agriculture, Con-
17 servation, and Trade Act of 1990 (7 U.S.C. 5812)
18 is amended—

19 (A) in subsection (a)(1), by striking “the
20 Cooperative State Research Service” and insert-
21 ing “the National Institute of Food and Agri-
22 culture”; and

23 (B) in subsection (b)(1), by striking sub-
24 paragraph (B) and inserting the following:

1 “(B) the National Institute of Food and
2 Agriculture;”.

3 (10) Section 1668(b) of the Food, Agriculture,
4 Conservation, and Trade Act of 1990 (7 U.S.C.
5 5921(b)) is amended by striking “Cooperative State
6 Research, Education, and Extension Service and the
7 Agricultural Research Service” and inserting “the
8 National Institute of Food and Agriculture”.

9 (11) Section 1670(a)(4) of the Food, Agri-
10 culture, Conservation, and Trade Act of 1990 (7
11 U.S.C. 5923(a)(4)) is amended by striking “the Ad-
12 ministrators of the Cooperative State Research, Edu-
13 cation, and Extension Service” and inserting “the
14 Director of the National Institute of Food and Agri-
15 culture”.

16 (12) Section 537 of the Federal Agriculture Im-
17 provement and Reform Act of 1996 (7 U.S.C. 7446)
18 is amended in each of subsections (a)(2) and
19 (b)(3)(B)(i) by striking “Cooperative State Re-
20 search, Education, and Extension Service” and in-
21 serting “the National Institute of Food and Agri-
22 culture”.

23 (13) Section 103(a) of the Agricultural Re-
24 search, Extension, and Education Reform Act of
25 1998 (7 U.S.C. 7613(a)) is amended—

1 (A) in the subsection heading, by striking
2 “COOPERATIVE STATE RESEARCH, EDUCATION,
3 AND EXTENSION SERVICE” and inserting “NA-
4 TIONAL INSTITUTE OF FOOD AND AGRI-
5 CULTURE”; and

6 (B) in each of paragraphs (1) and (2)(A),
7 by striking “the Cooperative State Research,
8 Education, and Extension Service” and insert-
9 ing “the National Institute of Food and Agri-
10 culture”.

11 (14) Section 401(f)(5) of the Agricultural Re-
12 search, Extension, and Education Reform Act of
13 1998 (7 U.S.C. 7621(f)(5)) is amended by striking
14 “the Cooperative State Research, Education, and
15 Extension Service” and inserting “the National In-
16 stitute of Food and Agriculture”.

17 (15) Section 407(c) of the Agricultural Re-
18 search, Extension, and Education Reform Act of
19 1998 (7 U.S.C. 7627(c)) is amended by striking
20 “the Cooperative State Research, Education, and
21 Extension Service” and inserting “the National In-
22 stitute of Food and Agriculture”.

23 (16) Section 410(a) of the Agricultural Re-
24 search, Extension, and Education Reform Act of
25 1998 (7 U.S.C. 7630(a)) is amended by striking

1 “the Administrator of the Cooperative State Re-
2 search, Education, and Extension Service” and in-
3 serting “the Director of the National Institute of
4 Food and Agriculture”.

5 (17) Section 307(g)(5) of the Agricultural Risk
6 Protection Act of 2000 (7 U.S.C. 8606(g)(5)) is
7 amended by striking “Administrator of the Coopera-
8 tive State Research, Education, and Extension Serv-
9 ice” and inserting “the Director of the National In-
10 stitute of Food and Agriculture”.

11 (18) Section 6(b) of the Cooperative Forestry
12 Assistance Act of 1978 (16 U.S.C. 2103b(b)) is
13 amended by striking “the Cooperative State Re-
14 search, Education, and Extension Service, may pro-
15 vide technical, financial, and related assistance to
16 State foresters, equivalent State officials, or Cooper-
17 ative Extension officials” and inserting “the Na-
18 tional Institute of Food and Agriculture, may pro-
19 vide technical, financial and related assistance to
20 State foresters, equivalent State officials, and Insti-
21 tute officials”.

22 (19) Section 19 of the Cooperative Forestry As-
23 sistance Act of 1978 (16 U.S.C. 2113) is amended
24 in subsections (a)(2) and (b)(1)(B)(i), by striking
25 “Extension Service,” each place it appears and in-

1 serting “National Institute of Food and Agri-
2 culture,”.

3 (20) Section 105(a) of the Africa: Seeds of
4 Hope Act of 1998 (22 U.S.C. 2293 note; Public Law
5 105–385) is amended by striking “the Cooperative
6 State Research, Education, and Extension Service
7 (CSREES)” and inserting “the National Institute of
8 Food and Agriculture”.

9 (21) Section 307(a)(4) of the National Aero-
10 nautic and Space Administration Authorization Act
11 of 2005 (42 U.S.C. 16657(a)(4)) is amended by
12 striking subparagraph (B) and inserting the fol-
13 lowing:

14 “(B) the program and structure of, peer
15 review process of, management of conflicts of
16 interest by, compensation of reviewers of, and
17 the effects of compensation on reviewer effi-
18 ciency and quality within, the National Institute
19 of Food and Agriculture of the Department of
20 Agriculture;”.

1 **Subtitle F—Coordination of Agri-**
2 **cultural Research Service and**
3 **National Institute of Food and**
4 **Agriculture**

5 **SEC. 7501. COORDINATION OF AGRICULTURAL RESEARCH**
6 **SERVICE AND NATIONAL INSTITUTE OF FOOD**
7 **AND AGRICULTURE.**

8 Title III of the Department of Agriculture Reorga-
9 nization Act of 1994 is amended by adding after section
10 306 (7 U.S.C. 2204 note; Public Law 103–354) the fol-
11 lowing:

12 **“SEC. 307. COORDINATION OF AGRICULTURAL RESEARCH**
13 **SERVICE AND NATIONAL INSTITUTE OF FOOD**
14 **AND AGRICULTURE.**

15 “(a) IN GENERAL.—The Undersecretary for Re-
16 search, Education, and Economics shall coordinate the
17 programs under the authority of the Administrator of the
18 Agricultural Research Service and the Director of the Na-
19 tional Institute of Food and Agriculture, and the staff of
20 the Administrator and the Director, including national
21 program leaders, shall meet on a regular basis—

22 “(1) to increase coordination between the Agri-
23 cultural Research Service and the National Institute
24 of Food and Agriculture;

25 “(2) to coordinate responses to emerging issues;

1 “(3) to address critical needs facing agriculture;
2 and

3 “(4) to focus the research funding strategy of
4 the Department.

5 “(b) REPORTS.—Not later than 270 days after the
6 date of enactment of this section, and annually thereafter,
7 the Administrator and the Director shall jointly submit
8 to the Committee on Agriculture of the House of Rep-
9 resentatives and the Committee on Agriculture, Nutrition,
10 and Forestry of the Senate a report describing efforts to
11 increase coordination between the Agricultural Research
12 Service and the National Institute for Food and Agri-
13 culture.

14 “(c) ROADMAP.—

15 “(1) IN GENERAL.—Not later than [_____]
16 days after the date of enactment of this section, the
17 Secretary, acting through the Under Secretary for
18 Research, Education, and Economics shall—

19 “(A) prepare a roadmap for agricultural
20 research that—

21 “(i) identifies major opportunities and
22 gaps in agricultural research, extension,
23 and education that no single entity in the
24 Department would be able to carry out in-

1 dividually, but that is necessary to carry
2 out agricultural research; and

3 “(ii) involves—

4 “(I) stakeholders from across the
5 Federal Government;

6 “(II) nongovernmental entities;
7 and

8 “(III) the National Agricultural
9 Research, Extension, Education, and
10 Economics Advisory Board established
11 under section 1408 of the National
12 Agricultural Research, Extension, and
13 Teaching Policy Act of 1977 (7
14 U.S.C. 3123);

15 “(B) use the roadmap to set the research
16 agenda of the Department; and

17 “(C) submit a description of the roadmap
18 to the Committee on Agriculture of the House
19 of Representatives and the Committee on Agri-
20 culture, Nutrition, and Forestry of the Senate.

21 “(2) IMPLEMENTATION.—The Secretary, acting
22 through the Under Secretary, shall implement, to
23 the maximum extent practicable, the roadmap, in
24 consultation with the Secretary.

1 “(3) FUNDING.—There are authorized to be ap-
2 propriated such sums as are necessary to carry out
3 this subsection.”.