

110TH CONGRESS  
1ST SESSION

# S. 1094

To reauthorize and provide additional funding for essential agricultural research, extension, education, and related programs, to establish the National Institutes for Food and Agriculture as an independent agency reporting to and coordinating with the Secretary of Agriculture, and for other purposes.

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IN THE SENATE OF THE UNITED STATES

APRIL 12, 2007

Ms. STABENOW (for herself and Mr. CASEY) introduced the following bill; which was read twice and referred to the Committee on Agriculture, Nutrition, and Forestry

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## A BILL

To reauthorize and provide additional funding for essential agricultural research, extension, education, and related programs, to establish the National Institutes for Food and Agriculture as an independent agency reporting to and coordinating with the Secretary of Agriculture, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE; TABLE OF CONTENTS.**

4 (a) SHORT TITLE.—This Act may be cited as the  
5 “Creating Research Extension and Teaching Excellence

1 for the 21st Century Act of 2007” or the “CREATE-21  
2 Act of 2007”.

3 (b) TABLE OF CONTENTS.—The table of contents of  
4 this Act is as follows:

- Sec. 1. Short title; table of contents.
- Sec. 2. Purposes.
- Sec. 3. Definitions.

#### TITLE I—NATIONAL INSTITUTES FOR FOOD AND AGRICULTURE

- Sec. 101. Establishment of National Institutes for Food and Agriculture.
- Sec. 102. Offices; administration.
- Sec. 103. Organization of National Institutes for Food and Agriculture.
- Sec. 104. Funding.
- Sec. 105. Enhanced funding.
- Sec. 106. Single budget submission.
- Sec. 107. Capacity building grants for ASCARR Institutions.

#### TITLE II—MODIFICATIONS

- Sec. 201. Repeal of National Agricultural Research, Extension, Education, and Economics Advisory Board.
- Sec. 202. Repeal plan of work requirements.
- Sec. 203. Indirect costs.

#### TITLE III—EXTENSIONS

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

- Sec. 301. Grants and fellowships for food and agricultural sciences education.
- Sec. 302. Grants for research on production and marketing of alcohols and industrial hydrocarbons from agricultural commodities and forest products.
- Sec. 303. Policy research centers.
- Sec. 304. Human nutrition intervention and health promotion research program.
- Sec. 305. Pilot research program to combine medical and agricultural research.
- Sec. 306. Nutrition education program.
- Sec. 307. Continuing animal health and disease research programs.
- Sec. 308. Appropriations for research on national or regional problems.
- Sec. 309. Grants to upgrade agricultural and food sciences facilities at 1890 land-grant colleges, including Tuskegee University.
- Sec. 310. National research and training virtual centers.
- Sec. 311. Matching funds requirement for research and extension activities of 1890 Institutions.
- Sec. 312. Hispanic-serving institutions.
- Sec. 313. Competitive grants for international agricultural science and education programs.
- Sec. 314. Research equipment grants.
- Sec. 315. University research.
- Sec. 316. Extension Service.

- Sec. 317. Supplemental and alternative crops.
- Sec. 318. Aquaculture research facilities.
- Sec. 319. Rangeland research.
- Sec. 320. Special authorization for biosecurity planning and response.
- Sec. 321. Resident instruction and distance education grants program for insular area institutions of higher education.

Subtitle B—Food, Agriculture, Conservation, and Trade Act of 1990

- Sec. 331. National genetics resources program.
- Sec. 332. High-priority research and extension initiatives.
- Sec. 333. Nutrient management research and extension initiative.
- Sec. 334. Organic agriculture research and extension initiative.
- Sec. 335. Agricultural telecommunications program.
- Sec. 336. Assistive technology program for farmers with disabilities.
- Sec. 337. National Rural Information Center Clearinghouse.

Subtitle C—Agricultural Research, Extension, and Education Reform Act of 1998

- Sec. 341. Partnerships for high-value agricultural product quality research.
- Sec. 342. Precision agriculture.
- Sec. 343. Biobased products.
- Sec. 344. Thomas Jefferson Initiative for crop diversification.
- Sec. 345. Integrated research, education, and extension competitive grants program.
- Sec. 346. Support for research regarding diseases of wheat, triticale, and barley caused by *Fusarium graminearum* or by *Tilletia indica*.
- Sec. 347. Bovine Johne's disease control program.
- Sec. 348. Grants for youth organizations.
- Sec. 349. Agricultural biotechnology research and development for developing countries.
- Sec. 350. Office of Pest Management Policy.

Subtitle D—Other Laws

- Sec. 371. Critical Agricultural Materials Act.
- Sec. 372. Equity in Educational Land-Grant Status Act of 1994.
- Sec. 373. Agricultural Experiment Station Research Facilities Act.
- Sec. 374. National Agricultural Research, Extension, and Teaching Policy Act Amendments of 1985.
- Sec. 375. Competitive, Special, and Facilities Research Grant Act (National Research Initiative).
- Sec. 376. Beginning farmer and rancher development program.
- Sec. 377. Agricultural Risk Protection Act of 2000 (Carbon Cycle Research).
- Sec. 378. Renewable Resources Extension Act of 1978.
- Sec. 379. National Aquaculture Act of 1980.

1 **SEC. 2. PURPOSES.**

2       The purposes of this Act are—

- 3               (1) to integrate and organize the administration
- 4       of the agricultural research, extension, education,

1 and related programs administered by the Secretary  
2 of Agriculture to respond to 21st century challenges  
3 and continue to meet the needs of society from a  
4 local, tribal, State, national, and international per-  
5 spective;

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

10 (3) to enhance the capacity of all participating  
11 institutions to more effectively carry out the pro-  
12 grams, with special emphasis given to 1890 Institu-  
13 tions, 1994 Institutions, Insular Area Institutions,  
14 ASCARR Institutions, and Small 1862 Land-Grant  
15 Institutions;

16 (4) to provide for a more balanced portfolio of  
17 available resources and funding between capacity  
18 programs and competitive programs through the en-  
19 hanced growth of competitive funds;

20 (5) to position the agricultural research, exten-  
21 sion, education, and related programs system to in-  
22 crease the contribution of the system to society  
23 through the expansion of the portfolio of the system;  
24 and

1           (6) to provide funding to achieve the purposes  
2 of this Act and other purposes by enhancing by 100  
3 percent the authorized funding for agricultural re-  
4 search, extension, education, and related programs  
5 over 7 fiscal years.

6 **SEC. 3. DEFINITIONS.**

7 In this Act:

8           (1) 1862 INSTITUTION.—The term “1862 Insti-  
9 tution” means a college or university eligible to re-  
10 ceive funds under the Act of July 2, 1862 (7 U.S.C.  
11 301 et seq.).

12           (2) 1890 INSTITUTION.—The term “1890 Insti-  
13 tution” means a college or university eligible to re-  
14 ceive funds under the Act of August 30, 1890 (7  
15 U.S.C. 321 et seq.), including Tuskegee University.

16           (3) 1994 INSTITUTION.—The term “1994 Insti-  
17 tution” means 1 of the 1994 Institutions (as defined  
18 in section 532 of the Equity in Educational Land-  
19 Grant Status Act of 1994 (Public Law 103–382; 7  
20 U.S.C. 301 note)).

21           (4) ASCARR INSTITUTION.—

22           (A) IN GENERAL.—The term “ASCARR  
23 Institution” means a public college or university  
24 offering a baccalaureate or higher degree in the  
25 study of agriculture.

1 (B) EXCLUSIONS.—The term “ASCARR  
2 Institution” does not include an institution eli-  
3 gible to receive funds under—

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

7 (ii) the Act of August 30, 1890 (com-  
8 monly known as the “Second Morrill Act”)  
9 (7 U.S.C. 321 et seq.); or

10 (iii) the Equity in Educational Land-  
11 Grant Status Act of 1994 (Public Law  
12 103–382; 7 U.S.C. 301 note).

13 (5) CAPACITY PROGRAM.—The term “capacity  
14 program” means each of the following agricultural  
15 research, extension, education, and related programs  
16 for which the Secretary has administrative or other  
17 authority as of the day before the date of enactment  
18 of this Act:

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

22 (B) Each program providing funding to  
23 any of the 1994 Institutions under sections  
24 533, 534(a), and 535 of the Equity in Edu-  
25 cational Land-Grant Status Act of 1994 (Public

1 Law 103–382; 7 U.S.C. 301 note) (commonly  
2 known as “financial assistance, technical assist-  
3 ance, and endowments to tribal colleges and  
4 Navajo Community College”).

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

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

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

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

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

1 as the “1890 Institution Teaching and Re-  
2 search 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 section  
14 1445 of the National Agricultural Research,  
15 Extension, and Teaching Policy Act of 1977 (7  
16 U.S.C. 3222) (commonly known as the “Evans-  
17 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 Insti-  
10 tutions established under section 406 of the Ag-  
11 ricultural Research, Extension, and Education  
12 Reform Act of 1998 (7 U.S.C. 7626).

13 (O) The program providing competitive ex-  
14 tension 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 (R) Each grant program for ASCARR In-  
7 stitutions established under section 202.

8 (S) Each program and related activities  
9 administered (as of the day before the date of  
10 enactment of this Act) by the Agricultural Re-  
11 search Service of the Department.

12 (T) Each program and related activities  
13 administered (as of the day before the date of  
14 enactment of this Act) by the Economic Re-  
15 search Service of the Department.

16 (U) Each forest and rangeland research  
17 and development program of the Forest Service  
18 that is administered by the Department.

19 (6) CAPACITY PROGRAM CRITICAL BASE FUND-  
20 ING.—The term “capacity program critical base  
21 funding” means the aggregate amount of Federal  
22 funds made available for all or individual capacity  
23 programs for fiscal year 2007, as appropriate.

24 (7) COMPETITIVE PROGRAM.—The term “com-  
25 petitive program” means each of the following agri-

1 cultural research, extension, education, and related  
2 programs for which the Secretary has administrative  
3 or other authority as of the day before the date of  
4 enactment of this Act:

5 (A) The competitive grant program estab-  
6 lished under section 2 of the Competitive, Spe-  
7 cial, and Facilities Research Grant Act (7  
8 U.S.C. 450i), commonly known as the “Na-  
9 tional Research Initiative Competitive Grants  
10 Program”).

11 (B) The program providing grants and re-  
12 lated assistance established under section  
13 1417(b)(5) of the National Agricultural Re-  
14 search, Extension, and Teaching Policy Act of  
15 1977 (7 U.S.C. 3152(b)(5)) commonly known  
16 as the “Higher Education Multicultural Schol-  
17 ars Program”.

18 (C) The Food and Agricultural Sciences  
19 grant program established under section 1417  
20 of the National Agricultural Research, Exten-  
21 sion, and Teaching Policy Act of 1977 (7  
22 U.S.C. 3152), commonly known as the “Food  
23 and Agricultural Sciences National Needs Grad-  
24 uate Fellowship Grants Program”.

1 (D) The program providing grants under  
2 section 1417(j) of the National Agricultural Re-  
3 search, Extension, and Teaching Policy Act of  
4 1977 (7 U.S.C. 3152(j)), commonly known as  
5 “Institution Challenge Grants”.

6 (E) The program providing grants for His-  
7 panic-serving institutions established under sec-  
8 tion 1455 of the National Agricultural Re-  
9 search, Extension, and Teaching Policy Act of  
10 1977 (7 U.S.C. 3241).

11 (F) The Initiative for Future Agriculture  
12 and Food Systems established under section  
13 401 of the Agricultural Research, Extension,  
14 and Education Reform Act of 1998 (7 U.S.C.  
15 7621) or any substantially similar program or  
16 authority.

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

22 (8) COMPETITIVE PROGRAM CRITICAL BASE  
23 FUNDING.—The term “competitive program critical  
24 base funding” means the aggregate amount of Fed-  
25 eral funds made available for all or individual com-

1       petitive programs for fiscal year 2007, as appro-  
2       priate.

3               (9) COUNCIL.—The term “Council” means the  
4       Standing Council of Advisors established under sec-  
5       tion 102(h).

6               (10) DEPARTMENT.—The term “Department”  
7       means the Department of Agriculture.

8               (11) DIRECTOR.—The term “Director” means  
9       the Director of the National Institutes for Food and  
10      Agriculture.

11              (12) EXTRAMURAL ACTIVITY.—The term “ex-  
12      tramural activity” includes each program and re-  
13      lated activity administered or otherwise carried out  
14      by the entities or under an authority described in  
15      subparagraphs (A) through (R) of paragraph (5).

16              (13) FUNDAMENTAL RESEARCH.—The term  
17      “fundamental research” means research that, as de-  
18      termined by the Director—

19                      (A) advances the frontiers of knowledge so  
20                      as to lead to practical results or to further sci-  
21                      entific discovery; and

22                      (B) has an effect on—

23                              (i) agriculture, food, forestry, human  
24                              health, or another purpose of this Act;

1 (ii) a priority area of the National In-  
2 stitutes for Food and Agriculture; or

3 (iii) another goal or purpose of a Na-  
4 tional Institutes for Food and Agriculture  
5 program.

6 (14) INSULAR AREA INSTITUTION.—The term  
7 “Insular Area Institution” has the meaning given  
8 the term “eligible institution” in section 1489 of the  
9 National Agricultural Research, Extension, and  
10 Teaching Policy Act of 1977 (7 U.S.C. 3361).

11 (15) INTRAMURAL ACTIVITIES.—The term “in-  
12 tramural activities” includes each of the programs  
13 and related activities administered or otherwise car-  
14 ried out by the entities described in subparagraphs  
15 (S), (T), and (U) of paragraph (5).

16 (16) NATIONAL INSTITUTES FOR FOOD AND AG-  
17 RICULTURE.—The term “National Institutes for  
18 Food and Agriculture” means the National Insti-  
19 tutes for Food and Agriculture established under  
20 section 101.

21 (17) NATIONAL INSTITUTES FOR FOOD AND AG-  
22 RICULTURE PROGRAM.—The term “National Insti-  
23 tutes for Food and Agriculture program” includes  
24 each capacity program, competitive program, and  
25 any other program, authority, power, or activity of

1 the National Institutes for Food and Agriculture, in-  
2 cluding those described in section 101.

3 (18) SECRETARY.—The term “Secretary”  
4 means the Secretary of Agriculture.

5 (19) SMALL 1862 LAND-GRANT INSTITUTIONS.—  
6 The term “Small 1862 Land-Grant Institution”  
7 means each 1862 institution that received, for the 3  
8 fiscal years immediately preceding the applicable fis-  
9 cal year (based on a 3-year rolling average), less  
10 than 1 percent of—

11 (A) in the case of a fiscal year beginning  
12 before the date of the enactment of this Act  
13 and the implementation of the National Insti-  
14 tutes for Food and Agriculture programs (as  
15 determined by the Director), the funds received  
16 by each such institution from among available  
17 programs of the Cooperative State Research,  
18 Education, and Extension Service; and

19 (B) in the case of a fiscal year beginning  
20 after the date of the enactment of this Act and  
21 the implementation of the National Institutes  
22 for Food and Agriculture programs (as deter-  
23 mined by the Director), the funds received by  
24 each such institution from among available Na-  
25 tional Institutes for Food and Agriculture pro-

1           grams, other than funds reserved or distributed  
 2           under paragraph (2)(B)(ii)(I), (2)(C)(ii)(I), or  
 3           (3)(A)(ii) of section 105(c).

4           (20) STATE.—The term “State” means—

5                 (A) each of the several States of the  
 6           United States;

7                 (B) the Commonwealth of Puerto Rico;

8                 (C) Guam;

9                 (D) American Samoa;

10                (E) the Commonwealth of the Northern  
 11           Mariana Islands;

12                (F) the Federated States of Micronesia;

13                (G) the Republic of the Marshall Islands;

14           and

15                (H) the United States Virgin Islands.

16           (21) UNITED STATES.—The term “United  
 17           States”, when used in a geographical sense, means  
 18           all of the States.

19           **TITLE I—NATIONAL INSTITUTES**  
 20           **FOR FOOD AND AGRICULTURE**

21           **SEC. 101. ESTABLISHMENT OF NATIONAL INSTITUTES FOR**  
 22   **FOOD AND AGRICULTURE.**

23           (a) ESTABLISHMENT.—

24                 (1) IN GENERAL.—There is established within  
 25           the Executive branch an independent agency to be



1 known as the “National Institutes for Food and Ag-  
2 riculture”.

3 (2) MEMBERS.—The National Institutes for  
4 Food and Agriculture shall consist of—

5 (A) the Director;

6 (B) the Council;

7 (C) the individual institutes established  
8 under section 103; and

9 (D) the staff and employees of National  
10 Institutes for Food and Agriculture.

11 (b) AUTHORITIES.—

12 (1) TRANSFER OF AUTHORITIES.—There are  
13 transferred to National Institutes for Food and Ag-  
14 riculture the authorities (including all budget au-  
15 thorities and personnel), duties, obligations, and re-  
16 lated legal and administrative functions prescribed  
17 by law or otherwise granted to the Secretary, the  
18 Department, or any other agency or official of the  
19 Department under—

20 (A) the capacity programs;

21 (B) the competitive programs;

22 (C) the research, education, economic, co-  
23 operative State research programs, cooperative  
24 extension and education programs, international

1 programs, and other functions and authorities  
2 delegated by the Secretary to—

3 (i) the Under Secretary of Agriculture  
4 for Research, Education, and Economics  
5 (including under section 251 of the Fed-  
6 eral Crop Insurance Reform and Depart-  
7 ment of Agriculture Reorganization Act of  
8 1994 (7 U.S.C. 6971)); and

9 (ii) the Administrator of the Coopera-  
10 tive State Research, Education, and exten-  
11 sion Service pursuant to section 2.66 of  
12 title 7, Code of Federal Regulations (or  
13 successor regulations); and

14 (D) any and all other authorities adminis-  
15 tered by—

16 (i) the Under Secretary of Agriculture  
17 for Research, Education, and Economics;

18 (ii) the Administrator of the Coopera-  
19 tive State Research, Education, and exten-  
20 sion Service;

21 (iii) the Administrator of the Agricul-  
22 tural Research Service (including the Na-  
23 tional Agricultural Library);

1 (iv) the Chief of the Forest Service  
2 (relating to research and development);  
3 and  
4 (v) the Administrator of the Economic  
5 Research Service.

6 (2) CONSOLIDATION OF AUTHORITIES.—To  
7 carry out this Act, in accordance with the transfer  
8 and continuation of the authorities, budgetary func-  
9 tions, and personnel resources under this subsection,  
10 the administrative entities within the Department  
11 known as the Cooperative State Research, Edu-  
12 cation, and Extension Service, the Agricultural Re-  
13 search Service (including the National Agricultural  
14 Library), and the Economic Research Service, and  
15 the research and development functions of the For-  
16 est Service, shall terminate on the earlier of—

17 (A) October 1, 2008; or

18 (B) such earlier date as the Director deter-  
19 mines to be appropriate.

20 (3) RESERVATION.—Notwithstanding any other  
21 provision of this Act, any and all administrative au-  
22 thority over the functions and activities of the Na-  
23 tional Agricultural Statistics Service, consistent with  
24 those authorities, functions, and activities as in ef-  
25 fect on the day before the date of enactment of this

1 Act, shall remain under the authority of the Sec-  
2 retary.

3 (c) POWERS.—The Director may—

4 (1) promulgate such regulations as the Director  
5 determines to be necessary to govern the operations,  
6 organization, and personnel of the National Insti-  
7 tutes for Food and Agriculture;

8 (2) make such expenditures as are necessary to  
9 carry out this Act;

10 (3) enter into contracts or other arrangements,  
11 or modifications of contracts or other arrange-  
12 ments—

13 (A) to provide for the carrying out, by or-  
14 ganizations or individuals in the United States  
15 (including agencies of the Department and  
16 other Government agencies) of such National  
17 Institutes for Food and Agriculture programs  
18 as the Director determines to be necessary to  
19 carry out this Act; and

20 (B) at the request of the President or the  
21 Secretary, for the carrying out of such specific  
22 National Institutes for Food and Agriculture  
23 program-related activities as are in the national  
24 interest or are otherwise of critical importance,

1 as determined by the President or the Sec-  
2 retary, with the concurrence of the Director;

3 (4) make advance, progress, and other pay-  
4 ments relating to National Institutes for Food and  
5 Agriculture programs without regard to the sub-  
6 sections (a) and (b) of section 3324 of title 31,  
7 United States Code;

8 (5) acquire by purchase, lease, loan, gift, or  
9 condemnation, and hold and dispose of by grant,  
10 sale, lease, or loan, real and personal property of all  
11 kinds necessary for, or resulting from, the exercise  
12 of authority under this Act;

13 (6) receive and use donated funds, if the funds  
14 are donated without restriction other than that the  
15 funds be used in furtherance of National Institutes  
16 for Food and Agriculture programs or 1 or more of  
17 the purposes of this Act;

18 (7) publish or arrange for the publication of in-  
19 formation so as to further the full dissemination of  
20 information of value consistent with the purposes of  
21 this Act and the national interest, without regard to  
22 section 501 of title 44, United States Code;

23 (8) accept and use the services of voluntary and  
24 uncompensated personnel, and provide such trans-  
25 portation and subsistence as are authorized by sec-

1       tion 5703 of title 5, United States Code, for persons  
2       serving without compensation;

3           (9) prescribe, with the approval of the Comp-  
4       troller General of the United States, the extent to  
5       which vouchers for funds expended under contracts  
6       for authorized activities shall be subject to  
7       itemization or substantiation prior to payment, with-  
8       out regard to the limitations of other laws relating  
9       to the expenditure and accounting of public funds;  
10      and

11           (10) arrange with and reimburse the Secretary  
12      and the heads of other Federal agencies for the per-  
13      formance of any activity that the National Institutes  
14      for Food and Agriculture is authorized to conduct.

15      (d) CONSULTATION.—The Director shall consult with  
16      the Secretary on an ongoing basis to ensure that the na-  
17      tional interest is being served by the administration of the  
18      National Institutes for Food and Agriculture, National In-  
19      stitutes for Food and Agriculture programs, and other au-  
20      thorities provided under this Act.

21      (e) REPORTING.—Not later than December 31, 2007,  
22      and biennially thereafter, the Director shall submit to the  
23      Secretary, the Committee on Agriculture of the House of  
24      Representatives, the Committee on Agriculture, Nutrition,  
25      and Forestry of the Senate, the Committee on Appropria-

1 tions of the House of Representatives, and the Committee  
2 on Appropriations of the Senate a comprehensive report  
3 that describes the National Institutes for Food and Agri-  
4 culture programs and related activities funded, initially  
5 implemented, and otherwise carried out by the National  
6 Institutes for Food and Agriculture during the period cov-  
7 ered by the report.

8 **SEC. 102. OFFICES; ADMINISTRATION.**

9 (a) LOCATION.—The National Institutes for Food  
10 and Agriculture shall be located in Washington, District  
11 of Columbia.

12 (b) DIRECTOR.—

13 (1) APPOINTMENT.—

14 (A) IN GENERAL.—The Director shall be—

15 (i) a distinguished expert in 1 or more  
16 National Institutes for Food and Agri-  
17 culture programs (or issues addressed by  
18 or fields relating to those programs); and

19 (ii) appointed by the President, by  
20 and with the advice and consent of the  
21 Senate.

22 (B) RECOMMENDATIONS.—Before any per-  
23 son is appointed as Director, the President  
24 shall afford the Council an opportunity to make

1 recommendations to the President with respect  
2 to the appointment.

3 (C) RATE OF PAY.—The Director shall re-  
4 ceive basic pay at the rate provided for level II  
5 of the Executive Schedule under section 5513  
6 of title 5, United States Code.

7 (2) TERM.—The Director shall serve for a sin-  
8 gle, 6-year term.

9 (3) AUTHORITY.—Except as may be otherwise  
10 provided in this Act—

11 (A) the Director shall—

12 (i) exercise all of the authority grant-  
13 ed to the National Institutes for Food and  
14 Agriculture by this Act;

15 (ii) in consultation with the Council,  
16 formulate programs in accordance with  
17 policies adopted by the National Institutes  
18 for Food and Agriculture;

19 (iii) establish committees and offices  
20 within the National Institutes for Food  
21 and Agriculture, as appropriate;

22 (iv) establish procedures for the provi-  
23 sion and administration of capacity pro-  
24 gram funding and competitive program  
25 grants by the National Institutes for Food



1 and Agriculture in accordance with this  
2 Act and other applicable law;

3 (v) establish procedures for the peer  
4 or merit review of National Institutes for  
5 Food and Agriculture program activities in  
6 accordance with this Act and other applica-  
7 ble law, as appropriate;

8 (vi) assess the personnel needs of re-  
9 search, education, extension, and other  
10 fields in the areas supported by National  
11 Institutes for Food and Agriculture pro-  
12 grams; and

13 (vii) cooperate with the Council to  
14 plan programs that assist in meeting the  
15 future personnel needs of disciplines and  
16 activities in the areas supported by Na-  
17 tional Institutes for Food and Agriculture  
18 programs, including portable fellowship  
19 and training programs, as applicable; and

20 (B) all actions taken by the Director pur-  
21 suant to this Act shall be final and binding  
22 upon the National Institutes for Food and Agri-  
23 culture.

24 (4) DELEGATION AND REDELEGATION OF  
25 FUNCTIONS.—The Director may, from time to time,

1 establish such procedures as the Director determines  
2 to be appropriate to authorize the performance by  
3 any other officer, agency, or employee of the Na-  
4 tional Institutes for Food and Agriculture of any of  
5 the functions of the Director under this Act.

6 (5) FORMULATION OF PROGRAMS.—The formu-  
7 lation of programs in accordance with the policies of  
8 the National Institutes for Food and Agriculture  
9 shall be carried out by the Director, in consultation  
10 with the Council.

11 (6) AUTHORITY TO GRANT AND CONTRACT.—  
12 The Director may make grants and enter into con-  
13 tracts and other arrangements pursuant to this Act  
14 and other applicable law.

15 (7) STATUS; POWER TO VOTE AND HOLD OF-  
16 FICE.—

17 (A) IN GENERAL.—The Director shall—

18 (i) serve as a voting ex officio member  
19 of the Council; and

20 (ii) except with respect to compensa-  
21 tion and tenure, serve in a manner com-  
22 mensurate with the other members of the  
23 Council.

1                   (B) ELECTION.—The Director shall be eli-  
2                   gible for election by the Council as Chairperson  
3                   or Vice Chairperson of the Council.

4                   (c) STAFF APPOINTMENT.—The Director shall, in ac-  
5                   cordance with such policies as the Council may from time  
6                   to time establish, recruit, hire, prescribe, appoint, and fix  
7                   the compensation of such personnel as are necessary to  
8                   carry out this Act, including the appointment, for a lim-  
9                   ited term or on a temporary basis, of appropriate—

10                  (1) scientific and other expert and accomplished  
11                  staff; and

12                  (2) other technical and professional personnel  
13                  on leave of absence from academic, industrial, or re-  
14                  search institutions.

15                  (d) ROTATING CREDENTIALLED STAFF.—

16                  (1) IN GENERAL.—The Director shall be as-  
17                  sisted by an appropriately-credentialed staff of ex-  
18                  perts in—

19                         (A) National Institutes for Food and Agri-  
20                         culture programs; and

21                         (B) issues addressed by, and fields relating  
22                         to, those programs.

23                  (2) REQUIREMENTS.—Credentialed staff mem-  
24                  bers described in paragraph (1) shall be—

1 (A) recruited from the community of Na-  
2 tional Institutes for Food and Agriculture pro-  
3 grams or related fields; and

4 (B) appointed by the Director to serve on  
5 the basis of 4-year rotating appointments.

6 (e) TEMPORARY STAFF.—Staff hired by the Director  
7 under this section may include researchers, scientists, and  
8 other credentialed, technical, or professional personnel  
9 hired for limited terms, or on temporary bases, including  
10 individuals on leave of absence from academic, industry,  
11 research, science, or other institutions.

12 (f) VOLUNTEERS.—

13 (1) IN GENERAL.—The Director may accept the  
14 services of voluntary, uncompensated personnel, on  
15 appropriate terms and conditions and in accordance  
16 with other applicable law.

17 (2) FREEDOM FROM LIABILITY.—Voluntary  
18 personnel described in paragraph (1) shall be held  
19 free from liability in accordance with the Volunteer  
20 Protection Act of 1997 (42 U.S.C. 14501 et seq.).

21 (g) TRANSFER OF FUNDS FROM OTHER GOVERN-  
22 MENT DEPARTMENTS OR AGENCIES.—

23 (1) IN GENERAL.—Funds available to the De-  
24 partment, or any other department or agency of the  
25 Federal Government for activities that are analogous

1 to, or could contribute to the purposes or goals of,  
2 National Institutes for Food and Agriculture pro-  
3 grams, other relevant research, extension, or edu-  
4 cation programs, or related or other relevant activi-  
5 ties, shall be available for transfer, in whole or in  
6 part, to the National Institutes for Food and Agri-  
7 culture, with the approval of the Secretary or the  
8 head of the other appropriate department or agency  
9 transferring the funds, for such use as is consistent  
10 with the purposes for which the funds were initially  
11 made available.

12 (2) USE OF FUNDS.—Funds transferred under  
13 paragraph (1) shall be expendable by the National  
14 Institutes for Food and Agriculture for the purposes  
15 for which the transfer was made.

16 (h) STANDING COUNCIL OF ADVISORS.—

17 (1) ESTABLISHMENT.—There is established a  
18 Standing Council of Advisors,

19 (2) MEMBERSHIP.—

20 (A) COMPOSITION.—The Council shall be  
21 composed of 13 members, of which—

22 (i) 1 member shall be the Director;

23 and

24 (ii) 12 members shall be qualified  
25 non-Federal stakeholders appointed in ac-

1 cordance with subparagraph (B) who are  
2 distinguished members of the public, in-  
3 cluding representatives of—

4 (I) agriculture, food, nutrition,  
5 and forestry organizations;

6 (II) industry; and

7 (III) the scientific, research, edu-  
8 cation, extension, international, stake-  
9 holder, consumer, customer, family,  
10 community and youth, and profes-  
11 sional entities in whose interest the  
12 National Institutes for Food and Ag-  
13 riculture is authorized to carry out  
14 National Institutes for Food and Ag-  
15 riculture programs and related activi-  
16 ties.

17 (B) APPOINTMENTS.—Of the members of  
18 the Council described in subparagraph (A)(ii)—

19 (i) 4 members shall be—

20 (I) appointed by the Secretary,  
21 with the consent of the Director;

22 (II) selected on the basis of es-  
23 tablished records of expertise and dis-  
24 tinguished accomplishment; and

1 (III) selected so as to provide  
2 representation across the spectrum of  
3 views of National Institutes for Food  
4 and Agriculture programs and related  
5 fields from all regions of the United  
6 States, taking into consideration the  
7 need for representation from the  
8 State, local, and tribal levels;

9 (ii) 4 members shall be—

10 (I) appointed by the Chairman  
11 and Ranking Member of the Com-  
12 mittee on Agriculture of the House of  
13 Representatives, with the consent of  
14 the Director; and

15 (II) selected so as to provide rep-  
16 resentation of the views of stakeholder  
17 leaders in all regions of the United  
18 States, taking into consideration the  
19 need for representation from the  
20 State, local, and tribal levels; and

21 (iii) 4 members shall be—

22 (I) appointed by the Chairman  
23 and Ranking Member of the Com-  
24 mittee on Agriculture, Nutrition, and

1 Forestry of the Senate, with the con-  
2 sent of the Director; and

3 (II) selected so as to provide rep-  
4 resentation of the views of stakeholder  
5 leaders in all areas of the United  
6 States, taking into consideration the  
7 need for representation from the State  
8 local, and tribal levels.

9 (C) TERM.—Each of the groups of 4 mem-  
10 bers appointed under clauses (i) through (iii) of  
11 subparagraph (B) shall be appointed to 4-year,  
12 staggered terms.

13 (3) DUTIES.—

14 (A) IN GENERAL.—The Council shall assist  
15 the Director in—

16 (i) establishing priorities of the Na-  
17 tional Institutes for Food and Agriculture;  
18 and

19 (ii) reviewing, judging, and maintain-  
20 ing the relevance of National Institutes for  
21 Food and Agriculture programs.

22 (B) OVERSIGHT REVIEW.—To ensure that  
23 the purposes of this Act and the needs of the  
24 United States are being met, the Council shall  
25 conduct an annual oversight review of—



- 1 (i) the administration of the National  
2 Institutes for Food and Agriculture;
- 3 (ii) activities funded through the ca-  
4 pacity programs;
- 5 (iii) proposals and other activities  
6 funded through the competitive programs;  
7 and
- 8 (iv) other activities of the National In-  
9 stitutes for Food and Agriculture.

10 (4) MEETINGS.—

11 (A) IN GENERAL.—The Council shall hold  
12 periodic meetings to provide an interface be-  
13 tween the Council and stakeholders, and to en-  
14 sure that the National Institutes for Food and  
15 Agriculture is linking national goals with real-  
16 istic opportunities.

17 (B) FREQUENCY.—Meetings described in  
18 subparagraph (A) shall be held at the call of  
19 the Director, or at the joint call of the Director  
20 and the Secretary, but not less often than twice  
21 annually.

22 (5) EXPENSES.—

23 (A) IN GENERAL.—The Director shall,  
24 from any administrative funds otherwise avail-  
25 able to the National Institutes for Food and

1           Agriculture, pay the reasonable expenses in-  
 2           curred by the Council in holding meetings and  
 3           conducting related activities, as determined to  
 4           be appropriate by the Director.

5           (B) LIMITATION.—The expenses of the  
 6           Council paid by the Director under subpara-  
 7           graph (A) shall not be counted toward any gen-  
 8           eral limitation on the expenses of advisory com-  
 9           mittees, panels, commissions, or task forces of  
 10          the Department contained in any Act making  
 11          appropriations for the Department, whether en-  
 12          acted before, on, or after the date of enactment  
 13          of this Act, unless the Act of appropriation spe-  
 14          cifically—

15                   (i) refers to this paragraph; and

16                   (ii) includes the Council within the  
 17                   general limitation.

18 **SEC. 103. ORGANIZATION OF NATIONAL INSTITUTES FOR**  
 19 **FOOD AND AGRICULTURE.**

20          (a) ORGANIZATION.—

21           (1) IN GENERAL.—The Director shall organize  
 22          the National Institutes for Food and Agriculture  
 23          into 6 institutes (referred to in this section as “indi-  
 24          vidual institutes”) to administer the programs and  
 25          activities of the National Institutes for Food and

1 Agriculture in an integrated, multidisciplinary, inter-  
2 disciplinary, transdisciplinary, interagency, and  
3 inter-institutional manner, to the maximum extent  
4 practicable.

5 (2) INSTITUTES.—The individual institutes  
6 shall be the following:

7 (A) The Institute for Economic Opportuni-  
8 ties in Agriculture and Natural Resources.

9 (B) The Institute for Nutrition and  
10 Health.

11 (C) The Institute for Rural and Urban  
12 Community Development.

13 (D) The Institute for Natural Resources  
14 and Environment.

15 (E) The Institute for Food Safety and Ag-  
16 ricultural Security.

17 (F) The Institute for Families, Youth, and  
18 Communities.

19 (3) ADMINISTRATION.—

20 (A) IN GENERAL.—The Director, in con-  
21 junction with the head of each individual insti-  
22 tute, shall carry out National Institutes for  
23 Food and Agriculture programs with the goal of  
24 focusing those programs, and the participants,

1 grantees, and other stakeholders of those pro-  
2 grams on—

3 (i) understanding important problem  
4 areas and opportunities relating to a pro-  
5 gram;

6 (ii) discovering and implementing so-  
7 lutions to address those problem areas; and

8 (iii) exploring other opportunities pro-  
9 vided under the programs.

10 (B) STAKEHOLDER INPUT.—The Director,  
11 in consultation with the Council and the head  
12 of each individual institute, shall solicit input  
13 from appropriate participants, grantees, and  
14 other stakeholders of the programs and activi-  
15 ties of the National Institutes for Food and Ag-  
16 riculture relating to the problem areas, oppor-  
17 tunity areas, solution areas, and Institute pro-  
18 grams and related activities carried out by the  
19 National Institutes for Food and Agriculture.

20 (4) MODIFICATION OF ORGANIZATION.—Begin-  
21 ning on October 1 of the fifth full fiscal year begin-  
22 ning after the date of enactment of this Act, the Di-  
23 rector, in consultation with the Secretary and the  
24 Council, may include in a report required under sec-  
25 tion 101(e) any recommendation of the Director

1 with respect to the organization of the National In-  
2 stitutes for Food and Agriculture or the individual  
3 institutes, as the Director determines to be in the  
4 best interest of the United States.

5 (b) PROGRAM INTEGRATION AND COORDINATION.—

6 (1) IN GENERAL.—In accordance with applica-  
7 ble law (including regulations), the Director, in co-  
8 ordination with the head of each individual institute  
9 and taking into consideration the advice of the  
10 Council, shall ensure, to the maximum extent prac-  
11 ticable, that National Institutes for Food and Agri-  
12 culture programs are administered, funded, and car-  
13 ried out—

14 (A) in an integrated, multidisciplinary,  
15 interdisciplinary, transdisciplinary, interagency,  
16 and inter-institutional manner that ensures—

17 (i) the most efficient collaborative use  
18 of resources; and

19 (ii) the focus of all resources and ac-  
20 tivities on strategic, priority, problem, op-  
21 portunity, and solution areas identified by  
22 the Director and the head of each applica-  
23 ble individual institute, taking into consid-  
24 eration the advice of the Council;

1 (B) among applicable participants, grant-  
2 ees, and stakeholders, in a coordinated manner  
3 that encourages and ensures—

4 (i) the most efficient collaborative ap-  
5 plication of resources; and

6 (ii) the focus of all resources and ac-  
7 tivities on strategic, priority, problem, op-  
8 portunity, and solution areas on a local,  
9 State, Indian tribal, regional, national, and  
10 international basis, as the Director and the  
11 head of each applicable individual institute,  
12 taking into consideration the advice of the  
13 Council, determine to be appropriate.

14 (2) SCOPE.—The Director, in consultation with  
15 the Secretary and the Council, shall ensure, through  
16 the integration and coordination under paragraph  
17 (1), that opportunities are maximized with respect  
18 to—

19 (A) the use of appropriate authorities,  
20 agencies, institutions, disciplines, and activities  
21 of the National Institutes for Food and Agri-  
22 culture; and

23 (B) the inclusion of appropriate partici-  
24 pants and other stakeholders in those activities,  
25 including intramural, extramural, government,

1 university, extension, international, and other  
2 appropriate stakeholders, as determined by the  
3 Director.

4 (c) MATCHING AND LEVERAGING OF SCARCE BUDG-  
5 ET RESOURCES.—The National Institutes for Food and  
6 Agriculture and the Director shall provide for the match-  
7 ing and leveraging of National Institutes for Food and Ag-  
8 riculture resources by intramural activity and extramural  
9 activity program participants and recipients—

10 (1) in accordance with applicable law governing  
11 the applicable capacity program, competitive pro-  
12 gram, or other authority or activity; or

13 (2) if not otherwise provided for by law, as the  
14 Director, in consultation with the Council, deter-  
15 mines to be appropriate, taking into consideration—

16 (A) the ability of the participating or re-  
17 cipient institutions or entities to provide match-  
18 ing funds; and

19 (B) the treatment of the institutions or en-  
20 tities with respect to matching fund and similar  
21 requirements under other authorities.

22 (d) FUNDING ADMINISTRATION.—

23 (1) CAPACITY PROGRAMS.—In accordance with  
24 other applicable law, in providing program funding  
25 to a particular institution or entity, the Director

1 shall develop, in consultation with the Council, and  
2 implement, a streamlined plan of work or adminis-  
3 trative model designed to simplify, to the maximum  
4 extent practicable, the administration, funding, and  
5 oversight of capacity programs.

6 (2) COMPETITIVE PROGRAMS.—In accordance  
7 with other applicable law, in making determinations  
8 regarding whether to provide program funding to a  
9 particular institution, entity, or applicant (as appli-  
10 cable), the Director shall, whenever practicable, im-  
11 plement an administrative model designed to stream-  
12 line and simplify, to the maximum extent prac-  
13 ticable, the application (as applicable), administra-  
14 tion, funding, and oversight process.

15 **SEC. 104. FUNDING.**

16 (a) PRESERVATION OF CRITICAL BASE FUNDING.—  
17 Notwithstanding any other provision of law, funds pro-  
18 vided to National Institutes for Food and Agriculture pro-  
19 grams shall be allocated and distributed in accordance  
20 with subsection (b).

21 (b) DISTRIBUTION OF FUNDS.—

22 (1) PRIORITY FOR CRITICAL BASE FUNDS.—In  
23 distributing funds to carry out capacity programs  
24 and competitive programs during a fiscal year, the  
25 Director shall—



1 (A) first, use funds made available in an  
2 amount less than or equal to the capacity pro-  
3 gram critical base funding level only to carry  
4 out capacity programs, in accordance with para-  
5 graph (2); and

6 (B) after funds equal to the capacity pro-  
7 gram critical base funding level have been allo-  
8 cated for capacity programs for the fiscal year,  
9 use any funds made available only to carry out  
10 competitive programs, until funds are allocated  
11 in an amount equal to the competitive program  
12 critical base funding level.

13 (2) PROPORTIONAL FUNDING OF CAPACITY  
14 PROGRAMS.—The Director shall apportion funds dis-  
15 tributed under paragraph (1)(A) in accordance with  
16 the proportion that—

17 (A) the amount received by each applicable  
18 capacity program for fiscal year 2007; bears to

19 (B) the total amount made available for all  
20 capacity programs for fiscal year 2007.

21 (3) OTHER THAN CRITICAL BASE FUNDS.—In  
22 distributing funds to carry out capacity programs  
23 and competitive programs during a fiscal year, the  
24 Director shall use in accordance with section  
25 105(c)—

1 (A) amounts made available in excess of  
2 the sum of the capacity program critical base  
3 funding level and the competitive program crit-  
4 ical base funding level; and

5 (B) amounts made available pursuant to  
6 section 105(a).

7 **SEC. 105. ENHANCED FUNDING.**

8 (a) CONTINUATION OF MANDATORY FUNDING.—

9 (1) IN GENERAL.—Beginning on October 1,  
10 2007, and each October 1 thereafter, the Secretary  
11 shall transfer to the Director \$200,000,000 of funds  
12 of the Commodity Credit Corporation to carry out  
13 this Act.

14 (2) BUDGETARY OFFSET.—Section 401(b)(3) of  
15 the Agricultural Research, Extension, and Education  
16 Reform Act of 1998 (7 U.S.C. 7621(b)(3)) is  
17 amended—

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

20 (B) in subparagraph (C), by striking “;  
21 and” at the end and inserting a period; and

22 (C) by striking subparagraph (D).

23 (b) INCREASING CURRENTLY AUTHORIZED FUND-  
24 ING.—Notwithstanding any other provision of law, except  
25 as otherwise provided in this section, there are authorized

1 to be appropriated to the Director to carry out programs  
2 of the National Institutes for Food and Agriculture under  
3 this Act amounts equal to a level of the authorized funding  
4 for each such program as in effect on the day before the  
5 date of enactment of this Act, to be phased in as follows:

6 (1) For fiscal year 2008, 114.3 percent of the  
7 level.

8 (2) For fiscal year 2009, 128.6 percent of the  
9 level.

10 (3) For fiscal year 2010, 142.9 percent of the  
11 level.

12 (4) For fiscal year 2011, 157.2 percent of the  
13 level.

14 (5) For fiscal year 2012, 171.5 percent of the  
15 level.

16 (6) For fiscal year 2013, 185.8 percent of the  
17 level.

18 (7) For fiscal year 2014 and thereafter, 200  
19 percent of the level.

20 (c) DISTRIBUTION OF ENHANCED FUNDING.—

21 (1) IN GENERAL.—Any funds made available  
22 for a fiscal year for the National Institutes for Food  
23 and Agriculture shall be distributed in accordance  
24 with this subsection, if the funds are provided—

25 (A) under subsection (a)(1); or

1 (B) under any other authority under this  
2 or any other Act in excess of an amount equal  
3 to the sum of the capacity program critical base  
4 funding level and the competitive program crit-  
5 ical base funding level.

6 (2) ENHANCED COMPETITIVE PROGRAM FUND-  
7 ING.—

8 (A) IN GENERAL.—The Director shall use  
9 70 percent of amounts described in paragraph  
10 (1) to carry out competitive programs, of  
11 which—

12 (i) 55 percent shall be used to carry  
13 out fundamental research activities in ac-  
14 cordance with subparagraph (B); and

15 (ii) 45 percent shall be used to carry  
16 out competitive research activities other  
17 than fundamental research activities in ac-  
18 cordance with subparagraph (C), includ-  
19 ing—

20 (I) integrated programs and re-  
21 lated activities;

22 (II) applied research and related  
23 activities;

24 (III) translational research and  
25 related activities;

1 (IV) activities substantially simi-  
2 lar to activities carried out pursuant  
3 to the Initiative for Future Agri-  
4 culture and Food Systems under sec-  
5 tion 401 of the Agricultural Research,  
6 Extension, and Education Reform Act  
7 of 1998 (7 U.S.C. 7621), as in effect  
8 on the day before the date of enact-  
9 ment of this Act; and

10 (V) education and extension pro-  
11 grams and activities (including grants  
12 for outreach, research, or education).

13 (B) FUNDAMENTAL RESEARCH ACTIVI-  
14 TIES.—

15 (i) OPEN FUNDAMENTAL RESEARCH  
16 POOL.—The Director shall allocate not less  
17 than 80 percent of amounts described in  
18 subparagraph (A)(i) to eligible applicants  
19 on a competitive basis, including applicants  
20 representing—

21 (I) colleges, universities, and  
22 other institutions of higher education;

23 (II) intramural research activity  
24 entities of the National Institutes for  
25 Food and Agriculture; and

1 (III) other individuals and enti-  
2 ties eligible to receive funding under  
3 the National Research Initiative.

4 (ii) RESERVATION AND REVERSION.—

5 (I) IN GENERAL.—The Director  
6 shall reserve 20 percent of amounts  
7 described in subparagraph (A)(i) for  
8 allocation to 1890 Institutions, 1994  
9 Institutions, Insular Area Institutions,  
10 and Small 1862 Land-Grant Institu-  
11 tions on a competitive basis, subject  
12 to—

13 (aa) applicable peer and  
14 merit review requirements of  
15 Federal law (including regula-  
16 tions); and

17 (bb) such other peer and  
18 merit review requirements as the  
19 Director determines to be appro-  
20 priate.

21 (II) REVERSION OF UNUSED RE-  
22 SERVED FUNDS.—Any amounts re-  
23 served under subclause (I) that are  
24 not allocated to institutions under  
25 that subclause by the end of the 2-

1 year period following October 1 of the  
2 fiscal year for which the amounts are  
3 first made available shall be allocated  
4 to open fundamental research pool ap-  
5 plicants on a competitive basis in ac-  
6 cordance with clause (i).

7 (C) OTHER RESEARCH ACTIVITIES.—

8 (i) OPEN INTEGRATED RESEARCH  
9 POOL.—The Director shall allocate not less  
10 than 80 percent of amounts described in  
11 subparagraph (A)(ii) to eligible applicants  
12 on a competitive basis, including applicants  
13 representing—

14 (I) colleges, universities, and  
15 other institutions of higher education;

16 (II) intramural research activity  
17 entities of the National Institutes for  
18 Food and Agriculture; and

19 (III) other individuals and enti-  
20 ties eligible to receive funding under  
21 the National Research Initiative.

22 (ii) RESERVATION AND REVERSION.—

23 (I) IN GENERAL.—The Director  
24 shall reserve 20 percent of amounts  
25 described in subparagraph (A)(ii) for

1 allocation to 1890 Institutions, 1994  
2 Institutions, Insular Area Institutions,  
3 and Small 1862 Land-Grant Institu-  
4 tions on a competitive basis, subject  
5 to—

6 (aa) applicable peer and  
7 merit review requirements of  
8 Federal law (including regula-  
9 tions); and

10 (bb) such other peer and  
11 merit review requirements as the  
12 Director determines to be appro-  
13 priate.

14 (II) REVERSION OF UNUSED RE-  
15 SERVED FUNDS.—Any amounts re-  
16 served under subclause (I) that are  
17 not allocated to institutions under  
18 that subclause by the end of the 2-  
19 year period following October 1 of the  
20 fiscal year for which the amounts are  
21 first made available shall be allocated  
22 to open integrated research pool appli-  
23 cants on a competitive basis in accord-  
24 ance with clause (i).



1           (D) EDUCATION AND EXTENSION INTE-  
2 GRATION.—The Director shall integrate into  
3 competitive programs of the National Institutes  
4 for Food and Agriculture national and global  
5 educational and extension initiatives, to the  
6 maximum extent practicable.

7           (E) INDIRECT COSTS.—

8           (i) IN GENERAL.—Except as provided  
9 in clause (ii), the Director shall provide for  
10 the payment of allowable indirect costs as-  
11 sociated with competitive programs of the  
12 National Institutes for Food and Agri-  
13 culture in accordance with section 1462 of  
14 the National Agricultural Research, Exten-  
15 sion, and Teaching Policy Act of 1977 (7  
16 U.S.C. 3310).

17           (ii) EXCEPTION.—For each of fiscal  
18 years 2008 through 2014, the Director  
19 shall ensure that allowable indirect costs,  
20 associated with competitive programs of  
21 the National Institutes for Food and Agri-  
22 culture that are funded under section  
23 104(b)(1)(B), shall not be paid at a rate  
24 that exceeds the levels generally provided

1 for those competitive programs for fiscal  
2 year 2007.

3 (3) ENHANCED CAPACITY PROGRAM FUND-  
4 ING.—The Director shall use 30 percent of amounts  
5 described in paragraph (1) to carry out capacity pro-  
6 grams, of which—

7 (A) for each of fiscal years 2008 through  
8 2014—

9 (i) 77.5 percent shall be allocated to  
10 capacity programs in accordance with the  
11 proportion that—

12 (I) the amount received by the  
13 applicable capacity program during  
14 fiscal year 2007; bears to

15 (II) the total amount made avail-  
16 able for all capacity programs for fis-  
17 cal year 2007; and

18 (ii) 17.5 percent shall be allocated to  
19 1890 Institutions, 1994 Institutions, Insu-  
20 lar Area Institutions, Small 1862 Land-  
21 Grant Institutions, and ASCARR Institu-  
22 tions for institutional enhancement capac-  
23 ity programs, of which—

24 (I) 36 percent shall be for 1890  
25 Institutions;

1 (II) 26 percent shall be for 1994  
2 Institutions, except that an amount  
3 from that 26 percent shall be allo-  
4 cated to Insular Area Institutions in  
5 accordance with the proportion that—

6 (aa) the amount received by  
7 the applicable Institution during  
8 fiscal year 2007; bears to

9 (bb) the total amount made  
10 available for all 1890 Institu-  
11 tions, 1994 Institutions, Insular  
12 Area Institutions, Small 1862  
13 Land-Grant Institutions, and  
14 ASCARR Institutions for fiscal  
15 year 2007;

16 (III) 26 percent shall be for  
17 Small 1862 Land-Grant Institutions;  
18 and

19 (IV) 12 percent shall be for  
20 ASCARR Institutions; and

21 (B) 5 percent shall be deposited into the  
22 enhancement fund of the National Institutes for  
23 Food and Agriculture to fund capacity invest-  
24 ments that are consistent with capacity pro-  
25 grams of the National Institutes for Food and

1           Agriculture, as determined by the Director, in  
2           consultation with the Secretary and the Coun-  
3           cil.

4 **SEC. 106. SINGLE BUDGET SUBMISSION.**

5           The President shall submit to Congress, together  
6 with the annual budget submission of the President, a sin-  
7 gle combined budget line item reflecting the total amount  
8 requested by the President for funding for the National  
9 Institutes for Food and Agriculture, including funding for  
10 capacity programs, competitive programs, and other appli-  
11 cable National Institutes for Food and Agriculture pro-  
12 grams.

13 **SEC. 107. CAPACITY BUILDING GRANTS FOR ASCARR INSTI-**  
14 **TUTIONS.**

15           (a) GRANT PROGRAM.—

16           (1) IN GENERAL.—The Secretary or the Direc-  
17 tor, as appropriate, shall make grants to ASCARR  
18 Institutions to assist the ASCARR Institutions in  
19 maintaining and expanding the capacity of the  
20 ASCARR Institutions to conduct education, re-  
21 search, and outreach activities relating to—

22                   (A) agriculture;

23                   (B) renewable resources; and

24                   (C) other similar disciplines.

1           (2) REQUIREMENTS.—The Secretary or the Di-  
2           rector, as appropriate, shall make grants under this  
3           section—

4                   (A)(i) through a competitive application  
5                   process under which appropriate officials of  
6                   ASCARR Institutions may submit applications  
7                   in such form and manner as the Secretary or  
8                   the Director, as appropriate, may prescribe; or

9                   (ii) through a noncompetitive application  
10                  process; and

11                  (B) in such manner as to ensure geo-  
12                  graphic diversity with respect to the ASCARR  
13                  Institutions that are the subjects of the grants.

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

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

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

- 1 (i) interested members of the agri-  
2 culture, renewable resources, and related  
3 stakeholder 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 related stake-  
8 holder communities to participate in priority  
9 education, research, and outreach activities by  
10 providing 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 the construction of new build-  
16 ings);
- 17 (ii) the renovation of facilities;
- 18 (iii) the professional growth and devel-  
19 opment of the faculty of the ASCARR In-  
20 stitution; and
- 21 (iv) the development of human capital  
22 (including through the use of graduate  
23 assistantships).

1 (b) AUTHORIZATION OF APPROPRIATIONS.—There  
 2 are authorized to be appropriated to carry out this sec-  
 3 tion—

4 (1) \$5,000,000 for fiscal year 2008;

5 (2) \$7,000,000 for fiscal year 2009;

6 (3) \$9,000,000 for fiscal year 2010;

7 (4) \$11,000,000 for fiscal year 2011;

8 (5) \$13,000,000 for fiscal year 2012;

9 (6) \$15,000,000 for fiscal year 2013;

10 (7) \$17,000,000 for fiscal year 2014; and

11 (8) such sums as are necessary for fiscal year  
 12 2015 and each fiscal year thereafter.

## 13 **TITLE II—MODIFICATIONS**

### 14 **SEC. 201. REPEAL OF NATIONAL AGRICULTURAL RE-** 15 **SEARCH, EXTENSION, EDUCATION, AND ECO-** 16 **NOMICS ADVISORY BOARD.**

17 (a) REPEAL.—Section 1408 of the National Agricul-  
 18 tural Research, Extension, and Teaching Policy Act of  
 19 1977 (7 U.S.C. 3123) is repealed.

20 (b) CONFORMING AMENDMENTS.—

21 (1) NATIONAL AGRICULTURAL RESEARCH, EX-  
 22 TENSION, AND TEACHING POLICY ACT OF 1977.—

23 (A) Section 1404 of the National Agricul-  
 24 tural Research, Extension, and Teaching Policy  
 25 Act of 1977 (7 U.S.C. 3103) is amended—

1 (i) in the matter preceding paragraph  
2 (1), by striking “When used in this title:”  
3 and inserting “In this title:”;

4 (ii) by striking paragraph (1); and

5 (iii) by redesignating paragraphs (2)  
6 through (18) as paragraphs (1) through  
7 (17), respectively.

8 (B) Section 1405 of the National Agricul-  
9 tural Research, Extension, and Teaching Policy  
10 Act of 1977 (7 U.S.C. 3121) is amended—

11 (i) in paragraph (5), by striking “the  
12 Advisory Board and”;

13 (ii) by striking paragraph (6);

14 (iii) by redesignating paragraphs (7)  
15 through (12) as paragraphs (6) through  
16 (11), respectively; and

17 (iv) in paragraph (10) (as redesi-  
18 gnated by clause (iii)) by striking “, the Ad-  
19 visory Board”.

20 (C) Section 1408A of the National Agricul-  
21 tural Research, Extension, and Teaching Policy  
22 Act of 1977 (7 U.S.C. 3123a) is repealed.

23 (D) Section 1410 of the National Agricul-  
24 tural Research, Extension, and Teaching Policy  
25 Act of 1977 (7 U.S.C. 3125) is amended—



- 1 (i) in paragraph (1)(C), by striking  
2 the semicolon and inserting “; and”;  
3 (ii) by striking paragraph (2); and  
4 (iii) by redesignating paragraph (3) as  
5 paragraph (2).

6 (E) Sections 1412 and 1413 of the Na-  
7 tional Agricultural Research, Extension, and  
8 Teaching Policy Act of 1977 (7 U.S.C. 3127,  
9 3128) is repealed.

10 (F) Section 1434(c) of the National Agri-  
11 cultural Research, Extension, and Teaching  
12 Policy Act of 1977 (7 U.S.C. 3196(c)) is  
13 amended in the matter preceding paragraph  
14 (1)—

- 15 (i) by striking the second sentence;  
16 and  
17 (ii) in the fourth sentence, by striking  
18 “and the Advisory Board”.

19 (2) COMPETITIVE, SPECIAL, AND FACILITIES  
20 RESEARCH GRANT ACT.—Subsection (b)(1) of the  
21 Competitive, Special, and Facilities Research Grant  
22 Act (7 U.S.C. 450i(b)(1)) is amended in the second  
23 sentence by striking “taking into consideration,  
24 when available, the determinations made by the Na-  
25 tional Agricultural Research, Extension, Education,

1 and Economics Advisory Board (as established  
2 under section 1408 of the National Agricultural Re-  
3 search, Extension, and Teaching Policy Act of 1977  
4 (7 U.S.C. 3123)) identifying high priority research  
5 areas”.

6 (3) AGRICULTURAL RESEARCH, EXTENSION,  
7 AND EDUCATION REFORM ACT OF 1998.—

8 (A) Section 2 of the Agricultural Research,  
9 Extension, and Education Reform Act of 1998  
10 (7 U.S.C. 7601) is amended—

11 (i) by striking paragraph (4); and

12 (ii) by redesignating paragraphs (5)  
13 and (6) as paragraphs (4) and (5), respec-  
14 tively.

15 (B) Section 103 of the Agricultural Re-  
16 search, Extension, and Education Reform Act  
17 of 1998 (7 U.S.C. 7613) is amended—

18 (i) in subsection (a), by striking para-  
19 graph (2) and inserting the following:

20 “(2) MERIT REVIEW OF EXTENSION AND EDU-  
21 CATION GRANTS.—The Secretary shall establish pro-  
22 cedures that provide for merit review of each agri-  
23 cultural extension or education grant administered,  
24 on a competitive basis, by the National Institutes for  
25 Food and Agriculture.”;

1 (ii) by striking subsection (b);

2 (iii) by redesignating subsections (c)  
3 through (f) as subsections (b) through (e),  
4 respectively;

5 (iv) in subsection (b) (as redesignated  
6 by clause (iii)), by striking paragraph (1)  
7 and inserting the following:

8 “(1) REVIEW RESULTS.—The Secretary shall  
9 formulate each request for a proposal, and evaluate  
10 each proposal, relating to an agricultural research,  
11 extension, or education activity funded on a competi-  
12 tive basis by the Department.”; and

13 (v) in subsection (c) (as redesignated  
14 by clause (iii)), by striking paragraph (5).

15 (C) Section 401(c)(2) of the Agricultural  
16 Research, Extension, and Education Reform  
17 Act of 1998 (7 U.S.C. 7621(c)(2)) is amended  
18 by striking “, in consultation with the Advisory  
19 Board,”.

20 (D) Section 403 of the Agricultural Re-  
21 search, Extension, and Education Reform Act  
22 of 1998 (7 U.S.C. 7623) is amended—

23 (i) in subsection (b), by striking para-  
24 graph (3);

1 (ii) in subsection (d), in the matter  
2 preceding paragraph (1), by striking “, in  
3 consultation with the Advisory Board,”;  
4 and

5 (iii) in subsection (g), in the matter  
6 preceding paragraph (1), by striking “, in  
7 consultation with the Advisory Board,”.

8 (E) Section 406(c) of the Agricultural Re-  
9 search, Extension, and Education Reform Act  
10 of 1998 (7 U.S.C. 7626(c)) is amended by  
11 striking “in consultation with the Advisory  
12 Board”.

13 (F) Section 618 of the Agricultural Re-  
14 search, Extension, and Education Reform Act  
15 of 1998 (7 U.S.C. 7656) is amended—

16 (i) by striking subsection (e); and

17 (ii) by redesignating subsection (d) as  
18 subsection (e).

19 (4) RENEWABLE RESOURCES EXTENSION ACT  
20 OF 1978.—Section 4(a) of the Renewable Resources  
21 Extension Act of 1978 (16 U.S.C. 1673(a)) is  
22 amended by striking the fourth sentence.

23 **SEC. 202. REPEAL PLAN OF WORK REQUIREMENTS.**

24 (a) EXTENSION AT 1890 LAND-GRANT COLLEGES.—  
25 Section 1444(d) of the National Agricultural Research,

1 Extension, and Teaching Policy Act of 1977 (7 U.S.C.  
2 3221(d)) is amended—

3 (1) in paragraph (1), by striking the second  
4 sentence; and

5 (2) by striking paragraphs (3) through (5).

6 (b) RESEARCH AT 1890 LAND-GRANT COLLEGES.—

7 Section 1445 of the National Agricultural Research, Ex-  
8 tension, and Teaching Policy Act of 1977 (7 U.S.C. 3222)  
9 is amended—

10 (1) by striking subsection (a) and inserting the  
11 following:

12 “(a) AUTHORIZATION OF APPROPRIATIONS.—There  
13 are authorized to be appropriated annually such sums as  
14 Congress may determine necessary to support continuing  
15 agricultural research at colleges eligible to receive funds  
16 under the Act of August 30, 1890 (26 Stat. 417–419, as  
17 amended; 7 U.S.C. 321–326 and 328), including Tuskegee  
18 University (hereinafter referred to in this section as ‘eli-  
19 ble institutions’).”; and

20 (2) by striking subsection (e) and inserting the  
21 following:

22 “(c) PROGRAM.—The director of the State agricul-  
23 tural experiment station in each State in which an eligible  
24 institution is located, and the research director specified  
25 in subsection (d) in each of the eligible institutions in that

1 State, shall jointly develop, by mutual agreement, a com-  
2 prehensive program of agricultural research in the State,  
3 to be submitted for approval by the Secretary not later  
4 than 1 year after the date of enactment of this title.”.

5 (c) HATCH ACT OF 1887.—

6 (1) CONFORMING AMENDMENTS.—Section 3 of  
7 the Hatch Act of 1887 (7 U.S.C. 361e) is amend-  
8 ed—

9 (A) by striking subsection (h) and insert-  
10 ing the following:

11 “(h) PEER REVIEW AND PLAN OF WORK.—Research  
12 carried out under subsection (c)(3) shall be subject to sci-  
13 entific peer review. The review of a project conducted  
14 under this paragraph shall be considered to satisfy the  
15 merit review requirements of section 103(e) of the Agricul-  
16 tural Research, Extension, and Education Reform Act of  
17 1998.”; and

18 (B) in subsection (i)(2), by striking sub-  
19 paragraph (D).

20 (2) REPEAL.—Section 7 of the Hatch Act of  
21 1887 (7 U.S.C. 361g) is amended by striking sub-  
22 sections (d) through (g).

23 (d) SMITH-LEVER ACT.—

1           (1) CONFORMING AMENDMENT.—Section  
2           3(h)(2) of the Smith-Lever Act (7 U.S.C. 343(h)(2))  
3           is amended by striking subparagraph (D).

4           (2) REPEAL.—Section 4 of the Smith-Lever Act  
5           (7 U.S.C. 344) is amended by striking subsections  
6           (c) through (e).

7 **SEC. 203. INDIRECT COSTS.**

8           Section 1462 of the National Agricultural Research,  
9           Extension, and Teaching Policy Act of 1977 (7 U.S.C.  
10          3310) is amended by striking subsection (a) and inserting  
11          the following:

12          “(a) IN GENERAL.—Except as otherwise provided in  
13          law, and in accordance with the requirements under sec-  
14          tion 105(c)(1)(E) of the CREATE-21 Act of 2007, indi-  
15          rect costs charged against a competitive agricultural re-  
16          search, education, or extension grant awarded under this  
17          Act, the CREATE-21 Act of 2007, or any other Act pur-  
18          suant to authority delegated to the Director of the Na-  
19          tional Institutes for Food and Agriculture shall not exceed  
20          the negotiated indirect rate of cost established for an insti-  
21          tution by the appropriate Federal audit agency for the in-  
22          stitution.”.

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

5   **SEC. 301. GRANTS AND FELLOWSHIPS FOR FOOD AND AGRI-**  
6                           **CULTURAL SCIENCES EDUCATION.**

7       Section 1417(*l*) of the National Agricultural Re-  
8   search, Extension, and Teaching Policy Act of 1977 (7  
9   U.S.C. 3152(*l*)) is amended by striking “2007” and in-  
10   serting “2014”.

11   **SEC. 302. GRANTS FOR RESEARCH ON PRODUCTION AND**  
12                           **MARKETING OF ALCOHOLS AND INDUSTRIAL**  
13                           **HYDROCARBONS FROM AGRICULTURAL COM-**  
14                           **MODITIES AND FOREST PRODUCTS.**

15       Section 1419(*d*) of the National Agricultural Re-  
16   search, Extension, and Teaching Policy Act of 1977 (7  
17   U.S.C. 3154(*d*)) is amended by striking “2007” and in-  
18   serting “2014”.

19   **SEC. 303. POLICY RESEARCH CENTERS.**

20       Section 1419A(*d*) of the National Agricultural Re-  
21   search, Extension, and Teaching Policy Act of 1977 (7  
22   U.S.C. 3155(*d*)) is amended by striking “2007” and in-  
23   serting “2014”.



1 **SEC. 304. HUMAN NUTRITION INTERVENTION AND HEALTH**  
2 **PROMOTION RESEARCH PROGRAM.**

3 Section 1424(d) of the National Agricultural Re-  
4 search, Extension, and Teaching Policy Act of 1977 (7  
5 U.S.C. 3174(d)) is amended by striking “2007” and in-  
6 serting “2014”.

7 **SEC. 305. PILOT RESEARCH PROGRAM TO COMBINE MED-**  
8 **ICAL AND AGRICULTURAL RESEARCH.**

9 Section 1424A(d) of the National Agricultural Re-  
10 search, Extension, and Teaching Policy Act of 1977 (7  
11 U.S.C. 3174a(d)) is amended by striking “2007” and in-  
12 serting “2014”.

13 **SEC. 306. NUTRITION EDUCATION PROGRAM.**

14 Section 1425(c)(3) of the National Agricultural Re-  
15 search, Extension, and Teaching Policy Act of 1977 (7  
16 U.S.C. 3175(c)(3)) is amended by striking “2007” and  
17 inserting “2014”.

18 **SEC. 307. CONTINUING ANIMAL HEALTH AND DISEASE RE-**  
19 **SEARCH PROGRAMS.**

20 Section 1433(a) of the National Agricultural Re-  
21 search, Extension, and Teaching Policy Act of 1977 (7  
22 U.S.C. 3195(a)) is amended in the first sentence by strik-  
23 ing “2007” and inserting “2014”.

1 **SEC. 308. 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 “2014”.

7 **SEC. 309. GRANTS TO UPGRADE AGRICULTURAL AND FOOD**  
8 **SCIENCES FACILITIES AT 1890 LAND-GRANT**  
9 **COLLEGES, INCLUDING TUSKEGEE UNIVER-**  
10 **SITY.**

11 Section 1447(b) of the National Agricultural Re-  
12 search, Extension, and Teaching Policy Act of 1977 (7  
13 U.S.C. 3222b(b)) is amended by striking “2007” and in-  
14 serting “2014”.

15 **SEC. 310. NATIONAL RESEARCH AND TRAINING VIRTUAL**  
16 **CENTERS.**

17 Section 1448 of the National Agricultural Research,  
18 Extension, and Teaching Policy Act of 1977 (7 U.S.C.  
19 3222c) is amended by striking “2007” each place it ap-  
20 pears in subsections (a)(1) and (f) and inserting “2014”.

21 **SEC. 311. MATCHING FUNDS REQUIREMENT FOR RE-**  
22 **SEARCH AND EXTENSION ACTIVITIES OF 1890**  
23 **INSTITUTIONS.**

24 Section 1449(c) of the National Agricultural Re-  
25 search, Extension, and Teaching Policy Act of 1977 (7

1 U.S.C. 3222d(c)) is amended in the first sentence by strik-  
2 ing “for each of fiscal years 2003 through 2007,”.

3 **SEC. 312. HISPANIC-SERVING INSTITUTIONS.**

4 Section 1455(c) of the National Agricultural Re-  
5 search, Extension, and Teaching Policy Act of 1977 (7  
6 U.S.C. 3241(c)) is amended by striking “2007” and in-  
7 serting “2014”.

8 **SEC. 313. COMPETITIVE GRANTS FOR INTERNATIONAL AG-**  
9 **RICULTURAL SCIENCE AND EDUCATION PRO-**  
10 **GRAMS.**

11 Section 1459A(c) of the National Agricultural Re-  
12 search, Extension, and Teaching Policy Act of 1977 (7  
13 U.S.C. 3292b(c)) is amended by striking “2007” and in-  
14 serting “2014”.

15 **SEC. 314. RESEARCH EQUIPMENT GRANTS.**

16 Section 1462A(e) of the National Agricultural Re-  
17 search, Extension, and Teaching Policy Act of 1977 (7  
18 U.S.C. 3310a(e)) is amended by striking “2007” and in-  
19 serting “2014”.

20 **SEC. 315. UNIVERSITY RESEARCH.**

21 Section 1463 of the National Agricultural Research,  
22 Extension, and Teaching Policy Act of 1977 (7 U.S.C.  
23 3311) is amended by striking “2007” each place it ap-  
24 pears in subsections (a) and (b) and inserting “2014”.

1 **SEC. 316. EXTENSION SERVICE.**

2 Section 1464 of the National Agricultural Research,  
3 Extension, and Teaching Policy Act of 1977 (7 U.S.C.  
4 3312) is amended by striking “2007” and inserting  
5 “2014”.

6 **SEC. 317. SUPPLEMENTAL AND ALTERNATIVE CROPS.**

7 Section 1473D(a) of the National Agricultural Re-  
8 search, Extension, and Teaching Policy Act of 1977 (7  
9 U.S.C. 3319d(a)) is amended by striking “2007” and in-  
10 serting “2014”.

11 **SEC. 318. AQUACULTURE RESEARCH FACILITIES.**

12 Section 1477 of the National Agricultural Research,  
13 Extension, and Teaching Policy Act of 1977 (7 U.S.C.  
14 3324) is amended by striking “2007” and inserting  
15 “2014”.

16 **SEC. 319. RANGELAND RESEARCH.**

17 Section 1483(a) of the National Agricultural Re-  
18 search, Extension, and Teaching Policy Act of 1977 (7  
19 U.S.C. 3336(a)) is amended by striking “2007” and in-  
20 serting “2014”.

21 **SEC. 320. SPECIAL AUTHORIZATION FOR BIOSECURITY**  
22 **PLANNING AND RESPONSE.**

23 Section 1484(a) of the National Agricultural Re-  
24 search, Extension, and Teaching Policy Act of 1977 (7  
25 U.S.C. 3351(a)) is amended by striking “2007” and in-  
26 serting “2014”.

1 **SEC. 321. RESIDENT INSTRUCTION AND DISTANCE EDU-**  
2 **CATION GRANTS PROGRAM FOR INSULAR**  
3 **AREA INSTITUTIONS OF HIGHER EDUCATION.**

4 (a) DISTANCE EDUCATION GRANTS FOR INSULAR  
5 AREAS.—Section 1490(f) of the National Agricultural Re-  
6 search, Extension, and Teaching Policy Act of 1977 (7  
7 U.S.C. 3362(f)) is amended by striking “2007” and in-  
8 serting “2014”.

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

13 (1) by redesignating subsection (e) as sub-  
14 section (c); and

15 (2) in subsection (c) (as so redesignated), by  
16 striking “2007” and inserting “2014”.

17 **Subtitle B—Food, Agriculture, Con-**  
18 **servation, and Trade Act of 1990**

19 **SEC. 331. NATIONAL GENETICS RESOURCES PROGRAM.**

20 Section 1635(b) of the Food, Agriculture, Conserva-  
21 tion, and Trade Act of 1990 (7 U.S.C. 5844(b)) is amend-  
22 ed by striking “2007” and inserting “2014”.

1 **SEC. 332. HIGH-PRIORITY RESEARCH AND EXTENSION INI-**  
2 **TIATIVES.**

3 Section 1672(h) of the Food, Agriculture, Conserva-  
4 tion, and Trade Act of 1990 (7 U.S.C. 5925(h)) is amend-  
5 ed by striking “2007” and inserting “2014”.

6 **SEC. 333. NUTRIENT MANAGEMENT RESEARCH AND EXTEN-**  
7 **SION INITIATIVE.**

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

11 (1) by redesignating subsection (g) as sub-  
12 section (f); and

13 (2) in subsection (f) (as so redesignated), by  
14 striking “2007” and inserting “2014”.

15 **SEC. 334. ORGANIC AGRICULTURE RESEARCH AND EXTEN-**  
16 **SION INITIATIVE.**

17 Section 1672B(e) of the Food, Agriculture, Conserva-  
18 tion, and Trade Act of 1990 (7 U.S.C. 5925b(e)) is  
19 amended by striking “2007” and inserting “2014”.

20 **SEC. 335. AGRICULTURAL TELECOMMUNICATIONS PRO-**  
21 **GRAM.**

22 Section 1673(h) of the Food, Agriculture, Conserva-  
23 tion, and Trade Act of 1990 (7 U.S.C. 5926(h)) is amend-  
24 ed by striking “2007” and inserting “2014”.

1 **SEC. 336. ASSISTIVE TECHNOLOGY PROGRAM FOR FARM-**  
2 **ERS WITH DISABILITIES.**

3 Section 1680(c)(1) of the Food, Agriculture, Con-  
4 servation, and Trade Act of 1990 (7 U.S.C. 5933(c)(1))  
5 is amended by striking “2007” and inserting “2014”.

6 **SEC. 337. NATIONAL RURAL INFORMATION CENTER CLEAR-**  
7 **INGHOUSE.**

8 Section 2381(e) of the Food, Agriculture, Conserva-  
9 tion, and Trade Act of 1990 (7 U.S.C. 3125b(e)) is  
10 amended by striking “2007” and inserting “2014”.

11 **Subtitle C—Agricultural Research,**  
12 **Extension, and Education Re-**  
13 **form Act of 1998**

14 **SEC. 341. PARTNERSHIPS FOR HIGH-VALUE AGRICULTURAL**  
15 **PRODUCT QUALITY RESEARCH.**

16 Section 402(g) of the Agricultural Research, Exten-  
17 sion, and Education Reform Act of 1998 (7 U.S.C.  
18 7622(g)) is amended by striking “2007” and inserting  
19 “2014”.

20 **SEC. 342. PRECISION AGRICULTURE.**

21 Section 403(i)(1) of the Agricultural Research, Ex-  
22 tension, and Education Reform Act of 1998 (7 U.S.C.  
23 7623(i)(1)) is amended by striking “2007” and inserting  
24 “2014”.

1 **SEC. 343. BIOBASED PRODUCTS.**

2 (a) PILOT PROJECT.—Section 404(e)(2) of the Agri-  
3 cultural Research, Extension, and Education Reform Act  
4 of 1998 (7 U.S.C. 7624(e)(2)) is amended by striking  
5 “2007” and inserting “2014”.

6 (b) AUTHORIZATION OF APPROPRIATIONS.—Section  
7 404(h) of the Agricultural Research, Extension, and Edu-  
8 cation Reform Act of 1998 (7 U.S.C. 7624(h)) is amended  
9 by striking “2007” and inserting “2014”.

10 **SEC. 344. THOMAS JEFFERSON INITIATIVE FOR CROP DI-**  
11 **VERSIFICATION.**

12 Section 405(h) of the Agricultural Research, Exten-  
13 sion, and Education Reform Act of 1998 (7 U.S.C.  
14 7625(h)) is amended by striking “2007” and inserting  
15 “2014”.

16 **SEC. 345. INTEGRATED RESEARCH, EDUCATION, AND EX-**  
17 **TENSION COMPETITIVE GRANTS PROGRAM.**

18 Section 406(f) of the Agricultural Research, Exten-  
19 sion, and Education Reform Act of 1998 (7 U.S.C.  
20 7626(f)) is amended by striking “2007” and inserting  
21 “2014”.



1 **SEC. 346. 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 “2014”.

9 **SEC. 347. 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 “2014”.

14 **SEC. 348. 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 “2014”.

19 **SEC. 349. 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 “2014”.

1 **SEC. 350. OFFICE OF PEST MANAGEMENT POLICY.**

2 Section 614(f) of the Agricultural Research, Extension,  
3 and Education Reform Act of 1998 (7 U.S.C.  
4 7653(f)) is amended by striking “2007” and inserting  
5 “2014”.

6 **Subtitle D—Other Laws**

7 **SEC. 371. 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 “2014”.

11 **SEC. 372. EQUITY IN EDUCATIONAL LAND-GRANT STATUS**  
12 **ACT OF 1994.**

13 (a) ENDOWMENT FOR 1994 INSTITUTIONS.—Section  
14 533(b) of the Equity in Educational Land-Grant Status  
15 Act of 1994 (7 U.S.C. 301 note; Public Law 103–382)  
16 is amended in the first sentence by striking “2007” and  
17 inserting “2014”.

18 (b) INSTITUTIONAL CAPACITY BUILDING GRANTS.—  
19 Section 535 of the Equity in Educational Land-Grant Sta-  
20 tus Act of 1994 (7 U.S.C. 301 note; Public Law 103–  
21 382) is amended by striking “2007” each place it appears  
22 and inserting “2014”.

23 (c) RESEARCH GRANTS.—Section 536(c) of the Eq-  
24 uity in Educational Land-Grant Status Act of 1994 (7  
25 U.S.C. 301 note; Public Law 103–382) is amended in the  
26 first sentence by striking “2007” and inserting “2014”.

1 **SEC. 373. 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 “2014”.

6 **SEC. 374. 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; 116 Stat. 436) is  
12 amended by striking “2007” and inserting “2014”.

13 **SEC. 375. COMPETITIVE, SPECIAL, AND FACILITIES RE-**  
14 **SEARCH GRANT ACT (NATIONAL RESEARCH**  
15 **INITIATIVE).**

16 Section 2(b)(10) of the Competitive, Special, and Fa-  
17 cilities Research Grant Act (7 U.S.C. 450i(b)(10)) is  
18 amended by striking “2007” and inserting “2014”.

19 **SEC. 376. BEGINNING FARMER AND RANCHER DEVELOP-**  
20 **MENT PROGRAM.**

21 Section 7405(h) of the Farm Security and Rural In-  
22 vestment Act of 2002 (7 U.S.C. 3319f(h)) is amended by  
23 striking “2007” and inserting “2014”.

1 **SEC. 377. AGRICULTURAL RISK PROTECTION ACT OF 2000**  
2 **(CARBON CYCLE RESEARCH).**

3 Section 221(g) of the Agricultural Risk Protection  
4 Act of 2000 (7 U.S.C. 6711(g)) is amended by striking  
5 “2007” and inserting “2014”.

6 **SEC. 378. RENEWABLE RESOURCES EXTENSION ACT OF**  
7 **1978.**

8 (a) **AUTHORIZATION OF APPROPRIATIONS.**—Section  
9 6 of the Renewable Resources Extension Act of 1978 (16  
10 U.S.C. 1675) is amended by striking “2007” and insert-  
11 ing “2014”.

12 (b) **TERMINATION DATE.**—Section 8 of the Renew-  
13 able Resources Extension Act of 1978 (16 U.S.C. 1671  
14 note; Public Law 95–306) is amended by striking “2007”  
15 and inserting “2014”.

16 **SEC. 379. NATIONAL AQUACULTURE ACT OF 1980.**

17 Section 10 of the National Aquaculture Act of 1980  
18 (16 U.S.C. 2809) is amended by striking “2007” each  
19 place it appears and inserting “2014”.

