

**Calendar No. 890**

110TH CONGRESS }  
2d Session }

SENATE

{ REPORT  
{ 110-426

**AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG  
ADMINISTRATION, AND RELATED AGENCIES APPROPRIA-  
TIONS BILL, 2009**

JULY 21 (legislative day, JULY 17), 2008.—Ordered to be printed

Mr. KOHL, from the Committee on Appropriations,  
submitted the following

**REPORT**

[To accompany S. 3289]

The Committee on Appropriations reports the bill (S. 3289) mak-  
ing appropriations for Agriculture, Rural Development, Food and  
Drug Administration, and Related Agencies programs for the fiscal  
year ending September 30, 2009, and for other purposes, reports fa-  
vorably thereon and recommends that the bill do pass.

*Total obligational authority, fiscal year 2009*

Total of bill as reported to the Senate .....	\$97,203,926,000
Amount of 2008 appropriations .....	90,651,967,000
Amount of 2009 budget estimate .....	95,543,969,000
Bill as recommended to Senate compared to—	
2008 appropriations .....	+ 6,551,959,000
2009 budget estimate .....	+ 1,659,957,000

COOPERATIVE STATE RESEARCH, EDUCATION, AND EXTENSION SERVICE

The Cooperative State Research, Education, and Extension Service was established by the Secretary of Agriculture on October 1, 1994, under the authority of the Department of Agriculture Reorganization Act of 1994 (7 U.S.C. 6912). The mission is to work with university partners and customers to advance research, extension, and higher education in the food and agricultural sciences and related environmental and human sciences to benefit people, communities, and the Nation.

RESEARCH AND EDUCATION ACTIVITIES

Appropriations, 2008 .....	\$668,286,000
Budget estimate, 2009 .....	535,277,000
Committee recommendation .....	629,871,000

The research and education programs administered by the Cooperative State Research, Education, and Extension Service [CSREES] are the U.S. Department of Agriculture’s principal entry to the university system of the United States to support higher education in food and agricultural sciences and to conduct agricultural research as authorized by the Hatch Act of 1887 (7 U.S.C. 361a–361i); the Cooperative Forestry Research Act of 1962 (16 U.S.C. 582a–7); Public Law 89–106, section (2) (7 U.S.C. 450i); the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 U.S.C. 3101 et seq.); the Equity in Educational Land-Grant Status Act of 1994 (7 U.S.C. 301); the Agricultural Research, Extension and Education Reform Act of 1998 (7 U.S.C. 7601 et seq.); and the Food, Conservation, and Energy Act of 2008 (Public Law 110–246). Through these authorities, the U.S. Department of Agriculture participates with State and other cooperators to encourage and assist the State institutions to conduct agricultural research and education through the State agricultural experiment stations of the 50 States, the District of Columbia, and the territories; by approved schools of forestry; by the 1890 land-grant institutions, Tuskegee University, and West Virginia State University; by colleges of veterinary medicine; and by other eligible institutions.

The research and education programs participate in a nationwide system of agricultural research program planning and coordination among the State institutions, U.S. Department of Agriculture, and the agricultural industry of America.

COMMITTEE RECOMMENDATIONS

The Committee recommends an appropriation of \$629,871,000 for research and education activities of the Cooperative State Research, Education, and Extension Service. In addition to the appropriation for research and education activities, this bill makes available an additional \$68,000,000 in mandatory funding for research related to organics, specialty crops, beginning farmer and rancher, and renewable energy research. Therefore, CSREES will have a total of \$697,871,000 in funding for research and related activities in fiscal year 2009, which is an increase of \$29,585,000 above the previous year.

The following table summarizes the Committee's recommendations for research and education activities:

COOPERATIVE STATE RESEARCH, EDUCATION, AND EXTENSION SERVICE [CSREES]—RESEARCH AND EDUCATION ACTIVITIES

[In thousands of dollars]

	Committee recommendation
Payments under Hatch Act .....	205,602
Cooperative forestry research (McIntire-Stennis) .....	26,031
Payments to 1890 Institutions .....	43,104
Special research grants:	
Advanced genetic technologies, University of Kentucky Research Foundation .....	481
Advancing Biofuel Production, Baylor University, TX .....	149
Aegilops cylindrica/Biomass (jointed goatgrass), Washington State University .....	200
Agricultural diversity, University of Minnesota, Crookston .....	200
Agricultural Entrepreneurial Alternatives, Pennsylvania State University .....	248
Air quality, Kansas State University; Texas AgriLife Research, College Station, TX .....	300
Alliance for food protection, University of Nebraska .....	130
Animal disease research, University of Wyoming .....	258
Animal Health, Forages for Advancing Livestock Production Project, KY .....	291
Animal Science Food Safety Consortium, University of Arkansas Division of Agriculture, Iowa State University, Kansas State University .....	1,000
Apple fire blight, Cornell University/New York State Agricultural Experiment Station, University of Michigan .....	200
Aquaculture product & marketing development, West Virginia University .....	521
Aquaculture, Louisiana State University Agricultural Center .....	200
Aquaculture, Mississippi Agricultural and Forestry Experiment Station .....	385
Aquaculture, North Carolina State University .....	242
Armillaria root rot, Michigan State University .....	111
Asparagus technology and production, Washington State University .....	184
Avian bioscience, University of Delaware .....	100
Barley for Rural Development, Montana State University, University of Idaho .....	547
Biodesign and Processing, Virginia Tech University .....	223
Biomass-based energy research, Oklahoma State University, Mississippi State University .....	894
Cataloging Genes Associated with Drought and Disease Resistance, New Mexico State University .....	187
Center for One Medicine .....	250
Center for Public Land and Rural Economies, Utah State University .....	223
Center for rural studies, University of Vermont College of Agriculture and Life Sciences .....	261
Childhood obesity and nutrition, University of Vermont College of Agriculture and Life Sciences .....	180
Citrus canker/Greening, University of Florida .....	200
Competitiveness of agricultural products, Washington State University and the University of Washington .....	350
Cool season legume research, North Dakota State University, University of Idaho, Washington State University .....	250
Cotton insect management and Fiber Quality, University of Georgia .....	368
Cranberry/Blueberry disease & breeding, Rutgers, The State University of New Jersey .....	480
Cranberry/Blueberry, University of Massachusetts .....	118
Crop integration and production, South Dakota State University .....	275
Dairy and meat goat research, Prairie View A&M University .....	100
Dairy farm profitability, Pennsylvania State University .....	372
Delta revitalization project, Mississippi State University .....	187
Designing foods for health, Texas AgriLife Research, College Station, TX .....	500
Detection and Food Safety, Auburn University, AL .....	1,862
Drought management, Utah State University .....	670
Efficient irrigation, New Mexico State University, Texas AgriLife Extension Service and Texas AgriLife Research, College Station, TX .....	575
Environmentally safe products, University of Vermont College of Agriculture and Life Sciences .....	200
Floriculture, University of Hawaii .....	259
Food & Fuel Initiative, Iowa State University .....	298
Food safety, Texas AgriLife Research, College Station, TX .....	74
Fresh Produce Food Safety, University of California .....	750
Functional Genomics, Utah State University .....	1,192
Future foods, University of Illinois .....	450
Genomics for Southern Crop Stress and Disease, Mississippi State University .....	849

COOPERATIVE STATE RESEARCH, EDUCATION, AND EXTENSION SERVICE [CSREES]—RESEARCH  
AND EDUCATION ACTIVITIES—Continued

[In thousands of dollars]

	Committee recommendation
Global change UV/B radiation, Colorado State University .....	1,500
Grain sorghum, Kansas State University, Texas Tech University .....	548
Grass seed cropping systems for sustainable agriculture, Oregon State University, University of Idaho, Washington State University .....	150
Great Basin Environmental Program, University of Nevada—Reno .....	225
High Performance Computing, Utah State University .....	559
Human nutrition, Pennington Biomedical Research Center, Baton Rouge, LA .....	526
Increasing Shelf Life of Agricultural commodities, University of Idaho .....	642
Infectious disease research, Colorado State University .....	609
Institute of Agriculture—Phytosensors for Crop Security, University of Tennessee .....	745
Integrated Economic, Environmental and Technical Analysis of Sustainable Biomass Energy Systems, Purdue University .....	200
Joint U.S.-China Biotechnology Research and Extension, Utah State University .....	447
Leopold Center hypoxia project, Iowa State University .....	112
Livestock & dairy policy, Cornell University, NY, Texas AgriLife Research, College Station, TX .....	200
Livestock waste, Iowa State University .....	196
Lowbush Wild Blueberry research, University of Maine .....	184
Managed Drainage System for Crop Production, University of Missouri—Columbia .....	250
Maple research, University of Vermont College of Agriculture and Life Sciences .....	165
Midwest Advanced Food Manufacturing Alliance, University of Nebraska .....	365
Midwest Center for Bioenergy Grasses, Purdue University .....	200
Midwest poultry consortium, Iowa State University .....	250
Milk safety, Pennsylvania State University .....	821
Montana Sheep Institute, Montana State University .....	270
National beef cattle genetic evaluation consortium, Colorado State University, Cornell University, University of Georgia .....	655
National Center for Soybean Technology, University of Missouri—Columbia .....	735
Nematode resistance genetic engineering, New Mexico State University .....	223
Nevada arid rangelands initiative, University of Nevada—Reno .....	400
New Century Farm, Iowa State University .....	300
New crop opportunities, Lexington, KY .....	559
New Satellite and Computer-Based Technology for Agriculture, Mississippi State University .....	697
Oil resources from desert plants, New Mexico State University .....	187
Organic cropping, Oregon State University .....	149
Organic cropping, Washington State University .....	264
Organic waste utilization, New Mexico State University .....	74
Peach tree short life research, Clemson University, SC .....	208
Pierce's disease, University of California .....	1,500
Policy Analyses for a National Secure & Sustainable Food, Fiber, Forestry and Energy Program, Texas AgriLife Research, College Station, TX .....	149
Potato Cyst Nematode, University of Idaho .....	372
Potato research, Oregon State University, University of Idaho, Washington State University, University of Maine .....	750
Precision agriculture, Auburn University, AL .....	446
Precision agriculture, University of Kentucky Research Foundation .....	502
Preharvest food safety, Kansas State University .....	151
Protein utilization, Iowa State University .....	600
Renewable Energy and Products, North Dakota State University .....	1,000
Ruminant nutrition consortium, University of Nebraska—Lincoln, South Dakota State University .....	600
Russian wheat aphid, Colorado State University .....	228
Seed technology, South Dakota State University .....	300
Small fruit research, Oregon State University, University of Idaho, Washington State University .....	300
Soil and Environmental Quality, University of Delaware .....	75
Soil-Borne Disease Prevention in Irrigated Agriculture, New Mexico State University .....	187
Southern Great Plains Dairy Consortium, New Mexico State University .....	250
Soybean research, National Soybean Research Laboratory at the University of Illinois .....	500
Specialty Crops, University of Arkansas Division of Agriculture .....	175
Sustainable agriculture & natural resources, Pennsylvania State University .....	142
Sustainable beef supply, Montana State University .....	200
Sustainable Engineered Materials from Renewable Resources, Virginia Tech .....	250
Sweet Sorghum for Energy Production, University of Nebraska—Lincoln .....	149

COOPERATIVE STATE RESEARCH, EDUCATION, AND EXTENSION SERVICE [CSREES]—RESEARCH  
AND EDUCATION ACTIVITIES—Continued

[In thousands of dollars]

	Committee recommendation
Swine and other animal waste management, North Carolina State University .....	372
Tillage, silviculture, waste management, Louisiana State University .....	200
Tri-state joint peanut research, Auburn University, AL .....	440
Tropical and subtropical research/T–STAR, University of Hawaii .....	800
Uniform farm management program, University of Minnesota .....	250
Virtual plant database enhancement project, Missouri Botanical Garden .....	626
Viticulture consortium, Cornell University, University of California .....	1,200
Water conservation, Kansas State University .....	74
Water use efficiency and water quality enhancements, University of Georgia .....	368
Wetland plants, Louisiana State University .....	200
Wheat genetic research, Kansas State University .....	256
Wine Grape Foundation Block, Washington State University .....	237
Wood utilization (AK, ID, LA, ME, MI, MN, MS, NC, OR, TN, WV) .....	4,841
<b>Total, special research grants .....</b>	<b>50,749</b>
Improved pest control:	
Expert IPM decision support system .....	154
Integrated pest management .....	2,379
IR–4 minor crop pest management .....	11,368
Pest management alternatives .....	1,412
<b>Total, Improved pest control .....</b>	<b>15,313</b>
1994 institutions research program .....	1,610
Agriculture and Food Research Initiative .....	200,000
Agriculture and Rural Policy Research .....	2,602
Alaska Native-serving and Native Hawaiian-serving institutions education grants .....	3,196
Alternative crops .....	819
Aquaculture centers (sec. 1475) .....	3,928
Capacity building grants (1890 institutions) .....	13,592
Critical Agricultural Materials Act .....	1,083
Graduate fellowships grants .....	3,859
Hispanic education partnership grants .....	6,046
Institution challenge grants .....	5,654
Joe Skeen Institute for Rangeland Management .....	983
Multicultural scholars program .....	981
Payments to the 1994 institutions .....	3,319
Secondary agriculture education .....	983
Sustainable agriculture research and education .....	14,399
Resident instruction grants for insular areas .....	745
Veterinary Medical Services Act .....	5,000
Federal administration:	
Agriculture development in the American Pacific, University of Hawaii .....	372
Agriculture waste utilization, West Virginia State University .....	485
Agriculture-based industrial lubricants, University of Northern Iowa .....	405
Applied Agriculture and Environment Research, California State University .....	250
Aquaculture Research, Rhode Island Coastal Resources Management Council .....	298
Aquaculture, Cheyney University, PA .....	164
Biotechnology Research, Alcorn State University, MS .....	511
Botanical research, Utah State University .....	670
Center for North American studies, Texas AgriLife Research, College Station, TX .....	200
Centers for Dairy and Beef Excellence, Pennsylvania Department of Agriculture .....	340
Cotton research, Texas Tech University .....	300
Council for Agriculture and Technology, Ames, IA .....	112
Electronic Grants Administration System .....	2,136
Ethnobotanicals, Frostburg State University, MD .....	500
Farmland Preservation, The Ohio State University .....	112
Feed efficiency, West Virginia University .....	112
Florida Biomass to Biofuels Conversion Program, University of Central Florida .....	250
Medicinal and Bioactive Crops, Stephen F. Austin State University, TX .....	298

COOPERATIVE STATE RESEARCH, EDUCATION, AND EXTENSION SERVICE [CSREES]—RESEARCH  
AND EDUCATION ACTIVITIES—Continued

[In thousands of dollars]

	Committee recommendation
Midwest Agribusiness Trade and Information Center MATRIC, Iowa State University .....	187
Mississippi Valley State University .....	1,067
NE Center for Invasive Plants, University of Connecticut, the University of Vermont, and the University of Maine .....	150
Office of Extramural Programs .....	440
Pay Cost .....	4,973
Peer Panels .....	397
PM-10 air quality study, Washington State University .....	150
Polymer Research, Pittsburg State University, KS .....	1,367
Research, Education, and Economics Information System .....	2,704
Rural systems, Jackson State University, MS .....	229
Shellfish, University of Rhode Island .....	261
Shrimp aquaculture, University of Southern Mississippi .....	300
Viral Hemorrhagic Septicemia, University of Toledo, OH .....	223
Water pollutants, Marshall University, WV .....	410
Total, Federal administration .....	20,373
Total, CSREES Research and Education Activities .....	629,871

*Agriculture and Food Research Initiative.*—The Committee recommendation includes \$200,000,000 for the Agriculture and Food Research Initiative [AFRI].

Section 7406 of the Food, Conservation, and Energy Act of 2008 specifies priority areas within the newly created Agriculture Food and Research Initiative [AFRI], including a emphasis on conventional (classical) plant and animal breeding. The Committee strongly concurs with the intent of this section, and requests a report from the agency as to its plans for implementing the intent of this important conventional/classical plant and animal breeding requirement.

*Agricultural Research Enhancement Awards.*—The Committee remains determined to see that quality research and enhanced human resources development in the agricultural and related sciences be a nationwide commitment. Therefore, the Committee continues its direction that not less than 10 percent of the competitive research grant funds be used for USDA's agricultural research enhancement awards program (including USDA-EPSCoR), in accordance with 7 U.S.C. 450i.

*Agriculture and Rural Policy Research.*—The Secretary is authorized to make grants and take other actions under 7 U.S.C. 3155 for research and related activities concerning public policy and trade agreements and their effect on the farm and agricultural sector; the environment; rural families, households, and economies; and consumers, food, and nutrition. The Committee recommends \$2,602,000 for activities under this authority.

Of the amount available for Agriculture and Rural Policy Research [ARPR], \$1,213,000 is provided for the Food and Agriculture Policy Institute [FAPRI]. Of the amount available for FAPRI, \$200,000 shall be provided to continue a cooperative agreement with the University of Wisconsin relating to dairy policy and

\$149,000 shall be used to conduct analysis of rangeland, cattle, and hay with the University of Nevada—Reno.

In addition, of the amount available for ARPR, \$889,000 shall be available for the Rural Policies Research Institute and \$500,000 shall be available for the National Drought Mitigation Center.

*Alaska Native-Serving and Native Hawaiian-Serving Institutions Education Grants.*—The Committee recommends \$3,196,000 for grants to individual eligible institutions or consortia of eligible institutions in Alaska and in Hawaii, with grant funds to be awarded equally between Alaska and Hawaii to carry out the programs authorized in 7 U.S.C. 3242. The Committee directs the agency to fully comply with the use of grant funds as authorized.

*Alternative Crops.*—The Committee recommends \$819,000 for alternative crop research to continue and strengthen research efforts on canola. The Committee understands that the United States does not produce enough canola to meet its consumption needs and encourages the Department to seek stakeholder input and to provide funds in a manner that reaches those areas most likely to see expansions in canola production.

*Community Food Projects.*—The Committee expects the Department of Agriculture to consider as fully eligible for Community Food Project [CFP] grants any program that encourages the effective use of community resources to combat hunger and the root causes of hunger through the recovery of donated food, distribution of meals to nonprofit organizations, and the training of unemployed and underemployed adults for careers in food service. The Committee considers such programs to meet the requisite eligibility standards for CFP grants in that they meet the food needs of low-income people, increase the self-reliance of communities in providing their own food needs, and plan for long-term solutions to address such needs.

*Floriculture and Tropical and Subtropical Research.*—The Committee provides funding to carry out floriculture research in Hawaii and expects priorities of this activity (as defined by industry stakeholders) to include the maintenance and improvement of germplasm of orchid, anthurium, and protea to derive and release new commercial varieties and continue research on disease resistance and insect control. The Committee also provides funding for tropical and subtropical research and supports the current mechanism of solicitation, recommendation and distribution of funds through the Pacific Basin and Caribbean Basin Administration Groups.

*Forestry and Related Natural Resource Research.*—The Committee recognizes that forestry and related natural resource research were an integral part of the National Research Initiative, the predecessor program to the Agriculture and Food Research Initiative [AFRI]. As this program has grown, however, the allocation of AFRI funds by CSREES for research on forestry and related natural resource topics has fallen behind. In the future, the Committee directs the AFRI program administrator to put a greater emphasis on AFRI funding for forestry and natural resources topics with a goal of eventually providing at least 10 percent of the total funds provided for AFRI for forestry and natural resources related research on topics including: woody plant systems, including large

scale efforts to sequence the genome for several economically important tree species, technologies for enhanced pest and disease resistance, and increased tree growth rates; management of complex forest ecosystems, including issues of forest health, productivity, economic sustainability, and restoration; assessing alternative management strategies, with emphasis on risk analysis, geospatial analysis including landscape implications, consideration of ecological services, providing decision support systems; and development of nanotechnology and biorefining technologies for the forest products sector as critical to enhancing global competitiveness and energy security.

*National Veterinary Medical Services Act.*—The Committee recommendation includes \$5,000,000 to carry out the National Veterinary Medical Services Act [NVMSA]. In speaking of previous funding levels for this purpose, the Secretary has noted that “the modest appropriations to date make implementation of this section [NVMSA] impractical”. The level recommended by the Committee is a substantial increase from fiscal year 2008 and this amount coupled with previously appropriated funds will provide the level necessary to implement this program. Therefore, the Committee fully expects the Secretary to implement NVMSA in fiscal year 2009 which will be an important step to place critically necessary animal health practitioners in Rural America and as an important element in support of homeland security. The Committee further requests a report on implementation of this program.

*Special Research Grants.*—The Committee recognizes the vital relationships between Federal research activities and land grant institutions and firmly supports the importance of congressionally recognized research priorities. The Special Research Grants program was authorized by the Congress to promote research among these partners in specific areas of need to meet emerging and long-term national and regional challenges.

The Secretary is authorized to make grants to eligible institutions under 7 U.S.C. 450i(c), commonly referred to as Special Research Grants. These grants are authorized for the purpose of conducting research and related activities to facilitate or expand promising breakthroughs in areas of the food and agricultural sciences of the United States. The authorizing statute directs that these grants be provided through State-Federal partnerships to promote excellence of such activities on a regional or national level, to promote the development of regional research centers, and to generally support these activities among the States, the regions, and the Nation. In addition, the law requires that these grants can only be awarded if the proposed activity has undergone scientific peer review and that the grantee submit an annual report to the Secretary describing the results of the research or related activity and the merits of the results.

Over the past few years, the Committee has made clear its intentions to employ a heightened level of scrutiny to grants awarded under 7 U.S.C. 450i(c). These indications have included requirements of detailed reports by grantees, in-depth explanations of prospective research objectives, and an understanding that grantees should not expect indefinite fiscal assistance from the Committee under this authority. In addition, the Committee has previously ex-

pressed concern that ongoing, long-term Federal commitments to specific research projects may reduce the opportunity to focus on emerging important research priorities and result in a less efficient Federal investment in agricultural and related research.

For fiscal year 2009, the Committee continues its responsibility of expressing congressional interest and intervention in setting research priorities through the investment of Federal funds. As the Committee has expressed in previous years, specific problems require specific objectives and specific attention. Therefore, the individual research activities described in this report are intended to accomplish the objectives set forth in this report and are not intended to extend into ongoing, long-term, indefinite research endeavors. The Secretary is encouraged to work with grantees to ensure that research conducted with these funds is set to achieve specific objectives and to refrain from undertaking research of an indefinite nature. The Committee directs the Secretary to provide a report by March 1, 2009 regarding the status of grant awards for fiscal year 2009 and the specific objectives to be sought in each case.

#### NATIVE AMERICAN INSTITUTIONS ENDOWMENT FUND

Appropriations, 2008 .....	\$11,880,000
Budget estimate, 2009 .....	11,880,000
Committee recommendation .....	11,880,000

The Native American Institutions Endowment Fund authorized by Public Law 103-382 provides an endowment for the 1994 land-grant institutions (33 tribally controlled colleges). This program will enhance educational opportunity for Native Americans by building educational capacity at these institutions in the areas of student recruitment and retention, curricula development, faculty preparation, instruction delivery systems, and scientific instrumentation for teaching. Income funds are also available for facility renovation, repair, construction, and maintenance. On the termination of each fiscal year, the Secretary shall withdraw the income from the endowment fund for the fiscal year, and after making adjustments for the cost of administering the endowment fund, distribute the adjusted income as follows: 60 percent of the adjusted income from these funds shall be distributed among the 1994 land-grant institutions on a pro rata basis, the proportionate share being based on the Indian student count; and 40 percent of the adjusted income shall be distributed in equal shares to the 1994 land-grant institutions.

#### COMMITTEE RECOMMENDATIONS

The Committee recommends an appropriation of \$11,880,000 for the Native American Institutions Endowment Fund.

#### EXTENSION ACTIVITIES

Appropriations, 2008 .....	\$453,157,000
Budget estimate, 2009 .....	431,753,000
Committee recommendation .....	464,272,000

Cooperative extension work was established by the Smith-Lever Act of May 8, 1914. The Department of Agriculture is authorized

to provide, through the land-grant colleges, cooperative extension work that consists of the development of practical applications of research knowledge and the giving of instruction and practical demonstrations of existing or improved practices or technologies in agriculture, uses of solar energy with respect to agriculture, home economics, related subjects, and to encourage the application of such information by demonstrations, publications, through 4-H clubs, and other means to persons not in attendance or resident at the colleges.

To fulfill the requirements of the Smith-Lever Act, State and county extension offices in each State, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, American Samoa, the Northern Marianas, and Micronesia conduct educational programs to improve American agriculture and strengthen the Nation's families and communities.

#### COMMITTEE RECOMMENDATIONS

The Committee recommends an appropriation of \$464,272,000 for extension activities of the Cooperative State Research, Education, and Extension Service.

The following table summarizes the Committee's recommendations for extension activities:

#### COOPERATIVE STATE RESEARCH, EDUCATION, AND EXTENSION SERVICE [CSREES]—EXTENSION ACTIVITIES

[In thousands of dollars]

	Committee recommendation
Smith-Lever sections 3(b) and 3(c) .....	288,393
Smith-Lever section 3(d):	
Farm safety .....	4,726
Food and nutrition education [EFNEP] .....	65,557
Indian reservation agents .....	2,979
New technologies for extension .....	1,549
Pest management .....	9,791
Sustainable agriculture .....	4,568
Youth at risk .....	7,968
Youth farm safety education and certification .....	463
1890 colleges, Tuskegee University, and West Virginia State University Colleges .....	37,643
1890 facilities grants .....	17,267
Extension services at the 1994 institutions .....	3,298
Renewable Resources Extension Act [RREA] .....	4,008
Rural health and safety education .....	1,738
Food Animal Residue Avoidance Database .....	806
Federal administration:	
Ag in the Classroom .....	553
Childhood Farm Safety, Farm Safety 4 Just Kids, Urbandale, IA .....	74
Conservation technology transfer, University of Wisconsin Extension .....	400
Dairy education, Iowa State University .....	169
E-commerce, Mississippi State University .....	246
Efficient irrigation, New Mexico State University, Texas A&M University, College Station, TX .....	475
Extension specialist, Mississippi State University .....	98
General administration .....	7,433
Health education leadership, University of Kentucky Research Foundation .....	628
Iowa vitality center, Iowa State University .....	223
National Center for Farm Safety, Northeast Iowa Community College .....	168
Nutrition enhancement, University of Wisconsin Extension and Wisconsin Department of Public Institutions .....	800
Ohio-Israel Agriculture Initiative, The Negev Foundation, OH .....	496
Pesticide Reduction on Vegetables, University of Wisconsin Extension .....	350

COOPERATIVE STATE RESEARCH, EDUCATION, AND EXTENSION SERVICE [CSREES]—EXTENSION  
ACTIVITIES—Continued  
[In thousands of dollars]

	Committee recommendation
Pilot technology transfer, Mississippi State University, Oklahoma State University .....	223
Potato Integrated Pest Management—Late Blight, University of Maine .....	298
Range improvement, New Mexico State University .....	223
Rural technologies, Maui Economic Development Board, HI .....	150
Urban horticulture and marketing, Chicago Botanic Garden, Glencoe, IL .....	111
Urban horticulture, University of Wisconsin Extension and Growing Power .....	400
Total, Federal administration .....	13,518
Total, CSREES Extension Activities .....	464,272

INTEGRATED ACTIVITIES

Appropriations, 2008 .....	\$55,850,000
Budget estimate, 2009 .....	20,120,000
Committee recommendation .....	55,850,000

Section 406 of the Agricultural Research, Extension, and Education Reform Act of 1998 authorizes an integrated research, education, and extension competitive grants program.

COMMITTEE RECOMMENDATIONS

The Committee recommends an appropriation of \$55,850,000 for integrated activities of the Cooperative State Research, Education, and Extension Service.

The following table summarizes the Committee's recommendations for integrated activities:

COOPERATIVE STATE RESEARCH, EDUCATION, AND EXTENSION SERVICE [CSREES]—INTEGRATED  
ACTIVITIES  
[In thousands of dollars]

	Committee recommendation
Water Quality .....	12,649
Food Safety .....	14,596
Regional Pest Management Centers .....	4,096
Crops at Risk from FQPA Implementation .....	1,365
FQPA Risk Mitigation Program for Major Food Crop Systems .....	4,388
Methyl Bromide Transition Program .....	3,054
Organic Transition Program .....	1,842
Total, section 406 .....	41,990
International Science and Education Grants Program .....	1,986
Critical Issues Program .....	732
Regional Rural Development Centers Program .....	1,312
Food and Agriculture Defense Initiative (Homeland Security) .....	9,830
Total, CSREES Integrated Activities .....	55,850

OUTREACH FOR SOCIALLY DISADVANTAGED FARMERS

Appropriations, 2008 .....	\$6,395,000
Budget estimate, 2009 .....	6,930,000
Committee recommendation .....	