

Laboratory (Pullman, WA), \$1,883,000; U.S. Agricultural Research Service Sugarcane Research Laboratory (Houma, LA), \$1,883,000; U.S. Agricultural Research Station (Salinas, CA), \$1,883,000; and U.S. Pacific Basin Agricultural Research Center (HI), \$1,750,000.

COOPERATIVE STATE RESEARCH, EDUCATION, AND EXTENSION SERVICE

RESEARCH AND EDUCATION ACTIVITIES

The amended bill provides ~~\$667,997,000~~ ^(672,997,000) for research and education activities instead of \$671,419,000 as proposed by the House and \$700,849,000 as proposed by the Senate.

In lieu of the report requested by the House, the Committees encourage CSREES to include additional information in the budget justification on the primary research objective or objectives of each program for which funds are requested.

The Committees provide \$192,229,000 for competitive research under the National Research Initiative (NRI). Of this amount, \$3,000,000 is provided for the NRI for research that will be of direct benefit to the Food and Drug Administration (FDA) in pursuit of its food safety regulatory responsibilities. The Secretary of the Agriculture and the Commissioner of the FDA are directed to consult on setting the priorities for this research and report to the Committees on the specific areas of research to be pursued under the agreement of USDA and FDA.

The Committees encourage the Secretary to provide the requested increase for bioenergy and biobased fuels research within the funds provided for NRI and to give greater emphasis on NRI funding for forestry and natural resources topics.

The Committees also encourage the Department to use not less than 10 percent of competitive research grant funds for USDA's agricultural research enhancement awards program (including USDA-EPSCoR), in accordance with 7 USC 450i.

As part of the special research grant total, the Committees provide \$2,095,000 for policy research under the authorities of 7 U.S.C. 3155. Of this amount, \$1,200,000 is provided for the Food and Agriculture Policy Research Institute of which \$180,000 is for a cooperative agreement with the University of Wisconsin relating to dairy policy and \$150,000 is for the University of Nevada at Reno relating to the marketing of commodities in the Western United States. In addition, \$895,000 is for the Rural Policies Institute.

The Appropriations Committees appreciate the role of stakeholders, university personnel, and others that bring to the attention of the Congress research priorities necessary for the protection and improvement of agricultural production, nutrition, conservation, economic development, and other areas of vital importance to rural America. The Committees believe that these research activities, in conjunction with those identified through the Department's own prioritization,

offer a good balance of meeting the range of research needs for the nation. The Committees expect the Secretary to work with grantees under special research authorities to ensure that the objectives of the research are clearly articulated and that the research conclusions are made available to stakeholders, and the general public, in a way that will disseminate the information in a proper and useful manner.

In the distribution of funds under the Alternative Crops program, the Secretary shall ensure that regional representation is a component of any request for proposals by research institutions and universities. The Appropriations Committees strongly encourage the Secretary to engage stakeholders in the administration of program activities.

The following table reflects the amended bill:

Cooperative State Research, Education, and Extension Service	
Research and Education Activities	
	Amount
Hatch Act	\$192,192,000
McIntire-Stennis Cooperative Forestry	24,966,000
Evans-Allen Program (1890 Colleges and Tuskegee University)	41,340,000
National Research Initiative	192,229,000
Special Research Grants:	
Special Research Grants	92,422,000
Improved Pest Control:	
Expert IPM Decision Support System	155,000
Integrated Pest Management	2,396,000
Minor Crop Pest Management (IR-4)	11,448,000
Pest Management Alternatives	1,422,000
Total, Improved Pest Control	15,421,000
Total, Special Research Grants	107,843,000
Animal Health and Disease (Sec 1433)	5,006,000
1994 Institutions Research Program	1,544,000
Rangeland Research	990,000
Graduate Fellowship Grants	3,701,000
Institution Challenge Grants	5,423,000
Multicultural Scholars Program	988,000
Hispanic Education Partnership Grants	6,089,000
Secondary/2-year Post-secondary	990,000
Capacity Building Grants (1890 Institutions)	13,688,000
Payments to the 1994 Institutions (Tribal Colleges)	3,342,000
Alaska Native-serving and Native Hawaiian-serving Education Grants	3,218,000
Resident Instruction Grants for Insular Areas	750,000
Veterinary Medical Services Act	875,000
Subtotal	605,174,000
Federal Administration:	
Data Information System (REEIS)	2,723,000
Electronic Grants Administration System	2,151,000
Office of Extramural Programs (Grants)	443,000
Pay Costs and FERS	4,248,000
Peer Panels	400,000
Other Federal Administration:	
Ag-based Industrial Lubricants, IA	408,000
Agricultural Literacy, MO	375,000
Agriculture Development in the American Pacific	375,000

197,192,000

210,174,000

Agriculture waste utilization, WV	488,000
Agriculture Water Policy, GA	662,000
Alternative Fuels Characterization Laboratory, ND	209,000
Animal Waste Management, OK	294,000
Applied Agriculture and Environmental Research, CA	743,000
Aquaculture, OH	668,000
Aquaculture, PA	165,000
Aquatic veterinary pathology, RI	600,000
Biodesign and Processing Research Center, VA	706,000
Biotechnology, MS	515,000
Botanical Research, UT	675,000
Center for Agricultural and Rural Development, IA	442,000
Center for Dairy Excellence, PA	75,000
Center for Food Industry Excellence, TX	1,015,000
Center for Innovative Food Technology, OH	851,000
Center for North American Studies, TX	743,000
Climate Forecasting, FL	2,675,000
Connecticut Oyster Fisheries	300,000
Cotton Research, TX	1,856,000
Council for Agricultural Science and Technology, IA	113,000
Dietary Intervention, OH	929,000
Ethnobotanics, MD	375,000
Farmland Preservation, OH	113,000
Feed efficiency, WV	113,000
Greenhouse Nurseries, OH	539,000
High Value Horticultural Crops, VA	539,000
Mariculture, NC	236,000
Medicinal and Bioactive Crops, TX	300,000
Midwest Agribusiness Trade and Information Center (MATRIC), IA	188,000
Mississippi Valley State University	1,075,000
Monitoring Agricultural Sewage Sludge Application, OH	900,000
NE Center for Invasive Plants, CT, ME, VT	316,000
Pasteurization of Shell Eggs, MI	1,003,000
Phytoremediation Plant Research, OH	578,000
PM-10 Study, WA	287,000
Polymer Research, KS	1,125,000
Precision Agriculture, Tennessee Valley Research Center, AL	445,000

Rural Systems, MS	231,000
Shellfish, RI	263,000
Shrimp Aquaculture, AZ, HI, LA, MA, MS, SC, TX	3,119,000
Sustainable Agricultural Freshwater Conservation, TX	1,538,000
University of Wisconsin-Stevens Point Geographic Information System	1,856,000
Viral Hemorrhagic Septicemia	225,000
Vitis Gene Discovery, MO	452,000
Water pollutants, WV	413,000
Water Quality, ND	375,000
Total, Federal Administration	42,451,000
Other:	
Alternative Crops	825,000
Aquaculture Centers (Sec 1475)	3,956,000
Critical Agricultural Materials Act	1,091,000
Sustainable Agriculture	14,500,000
Total, Other	20,372,000
Total, Research and Education Activities	<u>667,927,000</u>

(672,997,000)

Cooperative State Research, Education, and Extension Service	
Research and Education Activities	
Special Research Grants	
	<u>Amount</u>
Advanced genetic technologies, KY	\$484,000
Advancing Biofuel Production, Baylor University	150,000
Aegilops Cylindrica (Jointed Goatgrass), ID, WA	263,000
Agricultural Diversification, HI	164,000
Agricultural Diversity/Red River Corridor, MN, ND	375,000
Agricultural entrepreneurial alternatives, PA	250,000
Agricultural marketing, IL	188,000
Agriculture Science, OH	410,000
Agroecology, MD	302,000
Air Quality, KS, TX	1,169,000
Alliance for food protection, GA, NE	131,000
Alternative salmon products, AK	824,000
Alternative Uses for Tobacco, MD	300,000
Animal Disease Research, WY	260,000
Animal Health, KY	293,000
Animal Science Food Safety Consortium, AR, IA, KS	1,064,000
Apple Fire Blight, MI, NY	371,000
Aquaculture product and marketing development, WV	525,000
Aquaculture, CA, FL, TX	446,000
Aquaculture, ID, WA	567,000
Aquaculture, LA	245,000
Aquaculture, MS	388,000
Aquaculture, NC	244,000
Aquaculture, VA	149,000
Armiliaria Root Rot, MI	112,000
Asparagus Technology and Production, WA	185,000
Avian Bioscience, DE	75,000
Babcock Institute, WI	446,000
Barley for Rural Development, ID, MT	551,000
Beef Improvement Research, MO, TX	743,000
Berry Research, AK	975,000
Biodesign and processing, VA	225,000
Bioenergy, CT	150,000
Biomass-based Energy Research, MS, OK	900,000
Biotechnology Test Production, IA	345,000
Biotechnology, NC	213,000
Bovine Tuberculosis, MI	264,000
Brucellosis Vaccine, MT	327,000

Cataloging Genes Associated with Drought and Disease Resistance, NM	188,000
Center for Public Lands and Rural Economies, UT	225,000
Center for Rural Studies, VT	263,000
Chesapeake Bay Agroecology, MD	233,000
Childhood Obesity & Nutrition, VT	113,000
Citrus Canker/ Greening, FL	1,305,000
Competitiveness of Agricultural Products, WA	504,000
Computational Agriculture, NY	178,000
Cool Season Legume Research, ID, ND, WA	419,000
Cotton Insect Management and Fiber Quality, GA	371,000
Cranberry/Blueberry Disease and Breeding, NJ	483,000
Cranberry/Blueberry, MA	119,000
Crop Integration and Production, SD	225,000
Crop Pathogens, NC	242,000
Dairy and Meat Goat Research, TX	112,000
Dairy Farm Profitability, PA	375,000
Delta Revitalization Project, MS	188,000
Designing Foods for Health, TX	1,485,000
Detection and Food Safety, AL	1,875,000
Displacing imported petroleum with renewables, FL	150,000
Drought management, UT	675,000
Drought Mitigation, NE	375,000
Efficient Irrigation, NM, TX	1,244,000
Environmental Biotechnology, RI	478,000
Environmental Research, NY	277,000
Environmental Risk Factors/Cancer, NY	161,000
Environmentally Safe Products, VT	338,000
Expanded Wheat Pasture, OK	240,000
Feed Efficiency in Cattle, FL	297,000
Feedstock Conversion, SD	501,000
Fish and Shellfish Technologies, VA	354,000
Floriculture, HI	261,000
Food and Agriculture Policy Research Institute, IA, MO	1,200,000
Food and fuel initiative, IA	300,000
Food Marketing Policy Center, CT	430,000
Food Safety Research Consortium, NY	743,000
Food Safety, ME, OK	410,000
Food Safety, TX	75,000
Food Security, WA	296,000
Food Systems Research Group, WI	409,000
Forestry Research, AR	342,000
Fresh produce food safety, CA	525,000

Fruit and Vegetable Market Analysis, AZ, MO	260,000
Functional genomics, UT	1,200,000
Future Foods, IL	494,000
Genomics for Southern Crop Stress and Disease, MS	855,000
Geographic Information System	1,338,000
Global Change/Ultraviolet Radiation	1,622,000
Grain Sorghum, KS, TX	552,000
Grass Seed Cropping for Sustainable Agriculture, ID, OR, WA	335,000
Hardwood Scanning Center, IN	375,000
High Performance Computing, UT	563,000
Human Nutrition, IA	483,000
Human Nutrition, LA	530,000
Human Nutrition, NY	405,000
Hydroponic Production, OH	133,000
Illinois-Missouri Alliance for Biotechnology	869,000
Improved Dairy Management Practices, PA	261,000
Improved Fruit Practices, MI	158,000
Increasing Shelf Life of Agricultural Commodities, ID	647,000
Infectious Disease Research, CO	613,000
Initiative to Improve Blueberry Production and Efficiency, GA	225,000
Institute for Food Science and Engineering, AR	831,000
Institute of Agriculture-Phytosensors for Crop Security, TN	750,000
Integrated Fruit and Vegetable Research, GA	190,000
Integrated Production Systems, OK	189,000
International Arid Lands Consortium, AZ	430,000
Joint U.S.-China Biotechnology Research and Extension, UT	450,000
Leopold Center hypoxia project, IA	113,000
Livestock and Dairy Policy, NY, TX	743,000
Livestock Genome Sequencing, IL	605,000
Livestock Waste, IA	197,000
Lowbush Blueberry Research, ME	185,000
Maple research, VT	98,000
Meadow Foam, OR	193,000
Michigan Biotechnology Consortium	412,000
Midwest Advanced Food Manufacturing Alliance, NE	368,000
Midwest Poultry Consortium, IA	506,000
Milk Safety, PA	591,000
Molluscan Shellfish, OR	271,000
Montana Sheep Institute	150,000
Multi-commodity Research, OR	262,000
National Beef Cattle Genetic Evaluation Consortium, CO, GA, NY	660,000
National Center for Soybean Technology, MO	740,000

Nematode resistance genetic engineering, NM	225,000
Nevada arid rangelands initiative, NV	368,000
New Century Farm, IA	225,000
New crop opportunities, AK	332,000
New crop opportunities, KY	563,000
New satellite and computer-based technology for agriculture, MS	702,000
Oil resources from desert plants, NM	188,000
Organic cropping, OR	150,000
Organic Cropping, WA	266,000
Organic Waste Utilization, NM	75,000
Oyster Post Harvest Treatment, FL	332,000
Pasture and Forage Research, UT	188,000
Peach Tree Short Life, SC	209,000
Perennial Wheat, WA	105,000
Pest Control Alternatives, SC	212,000
Phytophthora Research, GA	191,000
Phytophthora Research, MI	371,000
Pierce's Disease, CA	1,642,000
Policy analyses for a national secure and sustainable food, fiber, forestry, and energy program, TX	150,000
Potato cyst nematode, ID	375,000
Potato Research	1,112,000
Precision agriculture, AL	449,000
Precision agriculture, KY	506,000
Preharvest Food Safety, KS	152,000
Preservation and Processing Research, OK	186,000
Protein Utilization, IA	628,000
Regional Barley Gene Mapping Project, OR	506,000
Regionalized Implications of Farm Programs, MO, TX	638,000
Renewable energy and products	750,000
Rice Agronomy, MO	186,000
Ruminant Nutrition Consortium, MT, ND, SD, WY	469,000
Rural Development Centers, LA	113,000
Rural Development Centers, ND	86,000
Rural Policies Institute, IA, MO, NE	895,000
Russian Wheat Aphid, CO	230,000
Seafood Safety, MA	314,000
Seed Technology, SD	267,000
Small Fruit Research, ID, OR, WA	329,000
Soil and Environmental Quality, DE	219,000
Soil-Borne Disease Prevention in Irrigated Agriculture, NM	188,000
Southeast Bioenergy, AL	225,000

Southwest Consortium for Plant Genetics and Water Resources, NM	291,000
Soybean Cyst Nematode, MO	596,000
Soybean Research, IL	799,000
Specialty Crops, AR	75,000
STEEP III -- Water Quality in Northwest	476,000
Sudden Oak Death, CA	73,000
Sustainable Agriculture and Natural Resources, PA	143,000
Sustainable Agriculture, CA	383,000
Sustainable Agriculture, MI	285,000
Sustainable Beef Supply, MT	731,000
Sustainable Engineered Materials from Renewable Sources, VA	520,000
Sweet sorghum for energy production, NE	150,000
Swine and Other Animal Waste Management, NC	375,000
Tick Borne Disease Prevention, RI	300,000
Tillage, Silviculture, Waste Management, LA	371,000
Tri-state Joint Peanut Research, AL	443,000
Tropical and Subtropical Research/T-Star	7,161,000
Tropical Aquaculture, FL	157,000
Uniform Farm Management Program, MN	221,000
Virtual Plant Database Enhancement Project, MO	630,000
Viticulture Consortium, CA, NY, PA	1,559,000
Water conservation, KS	75,000
Water Use Efficiency and Water Quality Enhancements, GA	371,000
Wetland Plants, LA	418,000
Wheat Genetic Research, KS	258,000
Wine Grape Foundation Block, WA	239,000
Wood Utilization, AK, ID, ME, MI, MN, MS, NC, OR, TN, WV	4,875,000
Wool Research, MT, TX, WY	221,000
Total	92,422,000

NATIVE AMERICAN INSTITUTIONS ENDOWMENT FUND

The amended bill provides \$11,880,000 for the Native American Institutions Endowment Fund as proposed by both the House and the Senate.

EXTENSION ACTIVITIES

The amended bill provides ~~\$461,460,000~~ for extension activities instead of \$463,886,000 as proposed by the House and \$458,537,000 as proposed by the Senate.

(456,460,000)

When awarding Rural Health and Safety Education Program funds, the Department should give priority to applicants with a demonstrated history of training and educating nurses and allied health professionals committed to rural practice.

The following table reflects the amended bill:

Cooperative State Research, Education, and Extension Service	
Extension Activities	
	<u>Amount</u>
Smith-Lever Sections 3(b) and 3(c)	\$281,596,000
Smith-Lever Section 3(d):	
Farm Safety	4,759,000
Food and Nutrition Education (EFNEP)	66,019,000
Indian Reservation Agents/Federally-recognized Tribes Extension	3,000,000
New Technologies for Ag Extension	1,485,000
Pest Management	9,860,000
Sustainable Agriculture	4,600,000
Youth at Risk	8,024,000
Youth Farm Safety Education and Certification	467,000
Total Section 3(d) Programs	98,214,000
1890 Colleges and Tuskegee	36,103,000
1890 Facilities Grants (Sec 1447)	17,389,000
Renewable Resources Extension Act (RREA)	4,036,000
Rural Health and Safety Education	1,750,000
Extension Services at the 1994 Institutions	3,321,000
Grants to Youth Organizations	1,750,000
Subtotal	444,159,000
Federal Administration and Special Grants:	
General Administration	6,853,000
Other Federal Administration:	
Ag in the Classroom	557,000
Children Farm Safety	75,000
Conservation Tech Transfer	375,000
Dairy Education, IA	170,000
Diabetes Detection and Prevention, WA	812,000
E-commerce, MS	248,000
Efficient Irrigation, NM, TX	1,727,000
Entrepreneurial Alternatives, PA	248,000
Extension specialist, MS	99,000
Health education leadership, KY	632,000
Income Enhancement Demonstration, OH	926,000
Iowa vitality center	225,000
National Center for Farm Safety, IA	169,000
National Wild Turkey Federation	174,000
Nursery Production, RI	219,000

(276,596,000)

439,159,000

Nutrition Enhancement, WI	750,000
Ohio-Israel Agriculture Initiative	499,000
Pesticide Reduction on Vegetables, WI	300,000
Pilot Technology Transfer, MS, OK	225,000
Pilot Technology Transfer, WI	186,000
Potato Integrated Pest Management - Late Blight, ME	300,000
Potato Pest Management, WI	297,000
Range improvement, NM	225,000
Red Cliff Tribal Hatchery, WI	371,000
Rural Technologies, HI	75,000
Urban Horticulture and Marketing, IL	75,000
Urban Horticulture, WI	349,000
Wood Biomass as an Alternative Farm Product, NY	140,000
Total Other Federal Administration	10,448,000
Total, Federal Administration	17,301,000
Total, Extension Activities	<u>461,460,000</u>

(456,460,000)

INTEGRATED ACTIVITIES

The amended bill provides \$56,244,000 for integrated activities instead of \$57,244,000 as proposed by the House and \$12,948,000 as proposed by the Senate.

The following table reflects the amended bill:

Cooperative State Research, Education, and Extension Service	
Integrated Activities	
	<u>Amount</u>
Water Quality	\$12,738,000
Food Safety	14,699,000
Regional Pest Management Centers	4,125,000
Crops at Risk from FQPA Implementation	1,375,000
FQPA Risk Mitigation Program for Major Food Crop Systems	4,419,000
Methyl Bromide Transition Program	3,075,000
Organic Transition Program	<u>1,855,000</u>
Total, Section 406	42,286,000
International Science and Education Grants Program	2,000,000
Critical Issues Program	737,000
Regional Rural Development Centers Program	1,321,000
Homeland Security, Food and Agriculture Defense Initiative	9,900,000
Total, Integrated Activities	<u>56,244,000</u>

OUTREACH FOR SOCIALLY DISADVANTAGED FARMERS

The amended bill provides \$6,440,000 for Outreach for Socially Disadvantaged Farmers instead of \$6,930,000 as proposed by the House and \$5,940,000 as proposed by the Senate.