



## **Agriculture Appropriations Requests**

**The following requests are Idaho-related projects supported and sponsored by Senators Crapo and Risch:**

**Item Name:** Aquaculture

**Amount Requested:** \$750,000

**Recipient:** University of Idaho

**Location of work:** Moscow, Idaho

**Public Interest:** For agricultural research and extension

**Project Description:** This project would provide for the continuation of the comprehensive aquaculture research and outreach program at the Northwest Center for Aquaculture Research and Education, jointly operated by the University of Idaho and Washington State University. Funding would support aquaculture research directed at solving challenges that are currently impeding aquaculture production in Idaho and Washington.

**Item Name:** Barley for Rural Development

**Amount Requested:** \$547,000

**Recipient:** University of Idaho

**Location of work:** Moscow, Idaho

**Public Interest:** To support Idaho's agricultural industry and promote market opportunities

**Project Description:** Agriculture is a vital and stable component of Idaho's economy, and Idaho barley is first in the nation for value of commodity and second for total production. The development of specialty varieties for use in the human diet and animal feed are expanding marketing opportunities for Idaho growers. Maximizing and expanding market options for growers and improving the economic sustainability of Idaho barley is critical. This program will continue the development and improvement of barley varieties that reliably produce high quality feed and malt.

**Item Name:** Bighorn Sheep Health

**Amount Requested:** \$900,000

**Recipient:** University of Idaho

**Location of work:** Moscow, Idaho

**Public Interest:** To help guide wildlife and public land managers' bighorn and domestic sheep management decisions

**Project Description:** This effort will help sustain domestic sheep grazing opportunities and gain a better understanding of the causes of bighorn sheep mortality so they can be prevented. The project will provide for acquisition of genetic and disease transmission details, leading to development of vaccines. Approximately 80 percent of the U.S. sheep numbers are located in states with bighorn sheep populations.

**Item Name:** Fish Creek Dam Restoration

**Amount Requested:** \$500,000

**Recipient:** Wood River RC&D Office

**Location of work:** Fish Creek Dam, Carey, Idaho

**Public Interest:** To support restoration of Fish Creek Dam

**Project Description:** Fish Creek Dam is an 87-year-old multiple-arch concrete structure in poor condition. The dam is necessary for water storage on 8,000 acres of farmland in Idaho, and it supports recreational opportunities, fish and wildlife habitat, and flood control. This project will provide for the restoration of the dam to prevent failure of the existing structure.

**Item Name:** Greater Yellowstone Interagency Brucellosis Committee

**Amount Requested:** \$750,000

**Recipient:** Idaho State Department of Agriculture

**Location of work:** Idaho

**Public Interest:** To develop and implement brucellosis herd unit management plans; to conduct brucellosis prevention, surveillance, control and eradication activities in Idaho and the Greater Yellowstone Area

**Project Description:** This project is providing for the development and implementation of brucellosis herd unit management plans, as well as brucellosis prevention, surveillance, control, and eradication activities in Idaho and the Greater Yellowstone Area.

**Item Name:** Idaho One Plan

**Amount Requested:** \$250,000

**Recipient:** Idaho Association of Soil Conservation Districts

**Location of work:** Meridian, Idaho

**Public Interest:** To support a web-based technology for nutrient management planning by Idaho's agricultural industry

**Project Description:** The OnePlan Nutrient Management Planner is used by Idaho farmers and ranchers and state and federal agencies that support and regulate them. The OnePlan Nutrient Management Planner will utilize web-based technology for increased functionality, security, and updates. The program will develop the OnePlan Nutrient Management Planner into a web-based application.

**Item Name:** Idaho Rural Partnership

**Amount Requested:** \$250,000

**Recipient:** Idaho Rural Partnership

**Location of work:** Boise, Idaho

**Public Interest:** To support rural community development in Idaho

**Project Description:** The Idaho Rural Partnership works with rural communities in Idaho to identify and support economic development priorities for communities.

**Item Name:** Increasing Shelf Life of Agricultural Commodities

**Amount Requested:** \$750,000

**Recipient:** University of Idaho

**Location of work:** Moscow, Idaho

**Public Interest:** To support Idaho's agricultural industry and promote market opportunities

**Project Description:** The goal of this project is to enhance the detection of food safety indicators. Preventative detection/treatment at the agricultural commodity level and fast, accurate detection of biological pathogens and food toxins are important elements for ensuring safety and shelf life of agricultural products.

**Item Name:** Little Wood River Irrigation District Gravity Pressure Delivery System

**Amount Requested:** \$500,000

**Recipient:** Little Wood River Irrigation District

**Location of work:** Carey, Idaho

**Public Interest:** To support the safety and efficiency of water delivery through the Little Wood River Irrigation District

**Project Description:** This project will provide for the conversion of the present open-canal irrigation delivery system to a pressurized pipeline delivery system. The project will create jobs, conserve water and energy in a resource-limited area, provide environmental benefits, and serve as a large-scale example of agricultural operations evolving to help address regional resource issues and accommodate residential/commercial growth.

**Item Name:** National Plant Germplasm Program

**Amount Requested:** \$300,000

**Recipient:** National Small Grains Germplasm Facility

**Location of work:** Aberdeen, Idaho

**Public Interest:** To continue leading-edge barley variety development, with an emphasis on high-yielding malting barleys, winter malting barley, heart-healthy food barleys, and specialty feed barley for fish feed

**Project Description:** The funds will support barley variety development, including variety evaluation nurseries in at least seven locations throughout Idaho and winter seed increases to help speed the variety development process. This would increase the program's ability to generate new barley cultivars and more quickly move valuable traits from the laboratory to grower's fields.

**Item Name:** Nez Perce Bio-Control Center

**Amount Requested:** \$434,000

**Recipient:** The Nez Perce Tribe

**Location of work:** Lapwai, Idaho

**Public Interest:** To support the development of bio-control methods to combat noxious weeds

**Project Description:** The Nez Perce Bio-Control Center is a unique program that benefits federal, state, county, and private land/weed managers in the fight against noxious weeds. The Nez Perce Bio-Control Center will continue working cooperatively with agencies and private groups in the Pacific Northwest to increase awareness, availability, and distributions of biological control organisms used in an Integrated Weed Management Plan to fight noxious weeds.

**Item Name:** North Fremont Canal System Lining Project

**Amount Requested:** \$100,000

**Recipient:** North Fremont Canal System

**Location of work:** Fremont County, Idaho

**Public Interest:** To improve the safety and efficiency of water delivery through the North Fremont Canal System

**Project Description:** The project will line the canal to minimize the chance of a canal breakout and the subsequent damage to farm buildings and property below the canal.

**Item Name:** Northwest Center for Small Fruits

**Amount Requested:** \$650,000

**Recipient:** University of Idaho

**Location of work:** Moscow, Idaho

**Public Interest:** To support Idaho's agricultural industry and promote market opportunities

**Project Description:** This is an ongoing tri-state (Idaho, Oregon, and Washington) research effort supporting the development of small fruits and grapes in the Pacific Northwest. Improving the production and processing of these crops is critical for the success of these industries and securing international markets. Production research is designed to ensure the economic and environmentally-sustainable production of high-quality health berries and grapes.

**Item Name:** Novel Therapeutic and Vaccine Delivery Platforms

**Amount Requested:** \$500,000

**Recipient:** TTDC BIO US LLC

**Location of work:** Boise, Idaho

**Public Interest:** To support research and production of vaccines for cattle and bighorn sheep

**Project Description:** This project will support research and production of vaccines for cattle and sheep at risk for shipping fever and other ailments.

**Item Name:** Potato Breeding Research Program

**Amount Requested:** \$2,800,000

**Recipient:** University of Idaho

**Location of work:** Moscow, Idaho

**Public Interest:** To support Idaho's agricultural industry and promote market opportunities

**Project Description:** This project helps develop and commercialize new potato varieties that will allow producers to grow potatoes with less fertilizer, pesticides, and water, while providing enhanced nutritional value to consumers. The goal is to improve production and quality of potatoes for processing and the fresh market.

**Item Name:** Potato Cyst Nematode Eradication Program

**Amount Requested:** \$12,048,372

**Recipient:** USDA/APHIS

**Location of work:** National

**Public Interest:** For eradication of the Potato Cyst Nematode

**Project Description:** The first U.S. detection of the Potato Cyst Nematode (PCN), a major potato pest, was made in Idaho four years ago. Animal and Plant Health Inspection Service (APHIS) manages a program to contain the current infestation, eradicate the infestation, restore lost foreign markets, and preserve current markets. The eradication program has made significant progress in the eradication effort, and continued dedication of funding is paramount to the effort of eradicating PCN and completely restoring lost markets.

**Item Name:** Potato Cyst Nematode Research

**Amount Requested:** \$420,000

**Recipient:** University of Idaho

**Location of work:** Moscow, Idaho

**Public Interest:** To support Potato Cyst Nematode prevention and eradication research

**Project Description:** Potato Cyst Nematode (PCN), a type of roundworm that attacks roots of certain plants, can have a devastating impact on the potato industry by reducing yields and restricting export market potential. PCN eradication efforts are underway. However, research is needed to understand the biology of PCN to develop methods to eliminate the nematode from infested potato fields and to prevent infestations in the future.

**Item Name:** Rangeland Ecosystem Dynamics

**Amount Requested:** \$933,300

**Recipient:** University of Idaho

**Location of work:** Moscow, Idaho

**Public Interest:** To support continued implementation of the Owyhee Initiative Implementation Act

**Project Description:** The Science Review and Conservation Center provides a process for the scientific review of information used by land managers in developing actions and decisions in Owyhee County to ensure the best available science is appropriately applied in a timely manner.

**Item Name:** Shoshone County Renewable Energy Project

**Amount Requested:** \$835,000

**Recipient:** Shoshone County

**Location of work:** Wallace, Idaho

**Public Interest:** To support development of alternative energy production in Shoshone County, Idaho

**Project Description:** The report of the Forestry Task Force of the Idaho Strategic Energy Alliance identified the I-90 corridor in Shoshone County as one of the best sites for a biopower facility. Idaho's statewide Hazard Mitigation Plan also identified Shoshone County as having one of the greatest wildfire risks in the state. This project constructively addresses both statewide concerns.

**Item Name:** Small Fruit Research

**Amount Requested:** \$307,000

**Recipient:** University of Idaho

**Location of work:** Moscow, Idaho

**Public Interest:** To support Idaho's agricultural industry and promote market opportunities

**Project Description:** This project provides competitive grants to enhance profitability and sustainability for a number of crops including blueberries, strawberries, raspberries, blackberries, cranberries, table grapes, wine grapes, huckleberries, gooseberries, and black currants. The request will fund research in support of the small fruit industry in the Pacific Northwest.

**Item Name:** Sugarbeet Research

**Amount Requested:** \$760,000

**Recipient:** USDA ARS Northwest Irrigation & Soils Research Lab

**Location of work:** Kimberly, Idaho

**Public Interest:** For sugarbeet disease research

**Project Description:** The irrigated sector of sugarbeet production is heavily centered in the Pacific Northwest (PNW), particularly Idaho. The ARS lab in Kimberly, Idaho, will continue research to protect the sugarbeet against the continual annual threat of losses due to sugarbeet diseases.

**Item Name:** Supplemental and Alternative Crops

**Amount Requested:** \$1,000,000

**Recipient:** University of Idaho

**Location of work:** Moscow, Idaho

**Public Interest:** To support Idaho's agricultural industry and promote market opportunities

**Project Description:** This is a research program designed to meet the sustainable and emerging needs of the canola industry. These funds are utilized to address canola research priorities in plant physiology, entomology, agronomic testing, rotation practices, weed control, and breeding needs.

**Item Name:** Sustainable Wheat Production

**Amount Requested:** \$900,871

**Recipient:** University of Idaho

**Location of work:** Moscow, Idaho

**Public Interest:** To support Idaho's wheat production industry

**Project Description:** Wheat is one of the main food crops in the world. Development of drought-tolerant cultivars is critical to sustain high-quality grain production in the U.S. and the world.

**Item Name:** STEEP-Water Quality in Northwest

**Amount Requested:** \$500,000

**Recipient:** University of Idaho

**Location of work:** Moscow, Idaho

**Public Interest:** For agricultural research and extension

**Project Description:** STEEP is a research and technology transfer program that develops and implements erosion control practices for agriculture in the Pacific Northwest (PNW). STEEP continues to provide PNW farmers and agribusinesses the conservation technologies, tools, and understanding to meet demands of agriculture and the environment.

**Item Name:** Tri-State Predator Control Program (Idaho, Montana, and Wyoming)

**Amount Requested:** \$1,000,000

**Recipient:** USDA/APHIS

**Location of work:** Regional

**Public Interest:** To support livestock producers facing wolf predation

**Project Description:** This project supports maintaining an adequate level of assistance to Idaho, Montana, and Wyoming livestock producers who annually incur significant losses to wolves and other predators. Increasing wolf populations in the three states continue to cause escalating costs to control wolf damage, as well as increasing costs to control coyote damage in the presence of wolves.

**Item Name:** Wood Utilization

**Amount Requested:** \$550,000

**Recipient:** University of Idaho

**Location of work:** Moscow, Idaho

**Public Interest:** For agricultural research and extension

**Project Description:** The Inland-Northwest Forest Products Research Consortium brings together the complementary expertise of the three university research programs in the region (University of Idaho, University of Montana, and Washington State University) that focus on forest products and timber harvesting questions. This partnership provides a base for comprehensive investigation of a wide range of questions of importance to the forest products industry.