

2018 Specialty Crop Block Grant Program

Applicant	Project Title	Funds Requested
Boise State University	Creation of a statewide wine-grape vineyard weather and soil monitoring network and digital atlas	\$ 96,809.50
Idaho Apple Commission	Increasing Sales, Demand, and Building Awareness of Idaho Apples through Retail Promotions and Local Media	\$ 53,528.00
Idaho Bean Commission	Soil-borne Diseases of Beans: Determining the Primary Casual Agents and Developing Disease Management Practices.	\$ 72,013.77
Idaho Cherry Commission	Creating Awareness and Increasing Sales of Idaho Cherries through In-store Promotions and Social Media	\$ 41,184.00
Idaho E. Oregon Onion (Export) Committee	Using Field Asymmetric Ion Mobile Spectrometry for the Detection of Onion Bulb Rot in Storage	\$ 122,170.00
Idaho E. Oregon Onion (Export) Committee	Expanding Exports, Building Awareness, and Increasing Sales of Idaho-E. Oregon Onions in International Markets	\$ 72,200.00
Idaho Grape Growers and Wine Producers Commission	Improving perception of wine produced in the Gem State	\$ 246,726.77
Idaho Grape Growers and Wine Producers Commission	Advancing Research and Resources for the Idaho Grape and Wine Industry	\$ 52,132.00
Idaho Nursery and Landscape Association	Domestication, propagation, and commercialization of new-generation native plant	\$ 86,821.00
Idaho Nursery and Landscape Association	Liquid Microbial Amendments: An Ecofriendly Method for Improving Growth of Container	\$ 70,658.38
Idaho Potato Commission	Controlling nematodes in potato productions by identifying and purifying nematocidal toxins produced by <i>Solanum sisymbriifolium</i>	\$ 123,648.00
Idaho Potato Commission	Developing and deploying advanced detection methods for bacterial ring rot of potatoes	\$ 141,253.40
Idaho Preferred	Marketing Idaho Specialty Crops through Idaho Preferred Advertising, Social Media, Public Relations and Retail Promotions.	\$ 188,000.00
Northwest Nazarene University	Improving Fruit Yield Estimates Using Artificial Intelligence Techniques	\$ 65,368.80
University of Idaho	Reducing current season spread of PVY, and mitigating tuber quality loss in tuber-borne infections	\$ 113,914.00
University of Idaho - Regents of	Performance, Adaptability, Yield and Quality of Almonds and Walnuts, as New Fruit Crops	\$ 135,914.00
USA Dry Pea and Lentil Council	Evaluating the web of Pea seed-borne mosaic virus pathotypes and host resistance alleles	\$ 149,453.00

**Idaho State Department of Agriculture
2017 Specialty Crop Block Grant Program**

Selected Projects Included in ISDA's State Plan

Applicant	Project Title	Funds Requested
Boise State University	Fast, Accurate, and Economical Evaluation of Acrylamide Content in Fried Potato Products	\$ 121,556
Idaho Apple Commission	Rootstock and Thinning Effects on Yield and Quality to Enhance Profitability in 'Honey Crisp' Apple	\$ 163,409
Idaho Bean Commission	Increasing Market Share for Idaho Beans in Latin America	\$ 54,650
Idaho Bean Commission	Increasing Diversity and Choice in the Peruano/Yellow Dry Bean Trade	\$ 133,823
Idaho Potato Commission	International Marketing and Promotions - Business Development and Market Maintenance	\$ 106,828
Idaho Potato Commission	Natural Compounds as Potato Sprout Inhibitors and Nematicides	\$ 116,464
Idaho Preferred	Marketing Idaho Specialty Crops through Idaho Preferred Advertising, Social Media, Public Relations and Retail Promotions	\$ 117,500
Idaho State University	Implementing Unmanned Aircraft Systems to detect crop viruses using hyperspectral remote sensing and machine learning	\$ 161,175
Idaho Wine Commission	Providing Educational Opportunities for the Idaho Wine & Grape Industry to Increase Expertise	\$ 71,702
Idaho Wine Commission	Raising Awareness of the Idaho Wine Industry Through Enhanced Marketing and Trade Communications	\$ 138,497
Idaho-E Oregon Onion Committee	Expanding Exports, Creating Demand, and Increasing Sales in International Markets	\$ 72,200
University of Idaho	Predictive diagnostic methods and soil health measures for sustainable management of soil-borne diseases of onion	\$ 108,828
University of Idaho	Early warning systems for detection of foliar potato pathogens using spore sampling and weather data	\$ 198,925.42

**Idaho State Department of Agriculture
2016 Specialty Crop Block Grant Program**

Applicant	Project Title	Funds Requested
American Pulse Association	Increasing Consumer Knowledge and Awareness of Pulse Crops through Education Programming	\$ 132,900.00
Boise State University	Challenges and opportunities for expansion of the wine grape production industry in Idaho	\$ 75,638.00
Idaho Apple Commission	Increasing Sales, Creating Demand, and Building Relationships for Idaho Apples with Idaho Retailers	\$ 86,112.00
Idaho-E Oregon Onion Committee	Filling Knowledge Gaps in order to Develop Robust Disease Management Strategies for Fusarium Proliferatum in Onions.	\$ 124,664.00
Idaho-E Oregon Onion Committee	Increasing Sales, Creating Demand, and Developing Market Share in International Markets.	\$ 61,000.00
Idaho Nursery & Landscape Association	Domestication, Propagation, and Commercialization of New-generation Native Plant Products for the Idaho Nursery Industry	\$ 99,284.00
Idaho Potato Commission	International Business Development for Idaho Potatoes - Risk Mitigation During Transit	\$ 93,684.00
Idaho Potato Commission	Identify Pale Cyst Nematode (PCN) effectors to develop PCN resistance in potato	\$ 109,316.00
Idaho Preferred	Marketing Idaho Specialty Crops through Idaho Preferred Advertising, Social Media, Public Relations and Retail Promotions.	\$ 222,000.00
Idaho Wine Commission	Raising Awareness and Promoting Idaho's Wine Quality	\$ 90,824.20
Idaho Wine Commission	Advancing Idaho's Vineyard Quality and Production	\$ 27,232.00
Northwest Nazarene University	Fruit Count App: A Fruit Crop Yield Estimation System for Specialty Crop Growers in Idaho	\$ 90,436.80
University of Idaho	Optimizing Harvest Date and Storage Life to Maximize Yield and Quality of Nectarines and Peaches	\$ 161,609.00
University of Idaho	Mitigation of Effects of the Tuber Necrotic Strains of Potato Virus Y on Idaho Potato	\$ 202,417.58
USDA-ARS	Commercial Vineyard Testing of Sensor-based Water Stress Index for Precision Irrigation of Wine Grape	\$ 112,516.68

2015 Specialty Crop Block Grant Program Projects Selected for Funding

Applicant	Project Title	Funding Amount
Boise State University	A Web-Enabled Site Suitability and Visualization Tool to Support Idaho's Growing Wine Industry	\$ 139,487.10
Clearwater Economic Development Association	Lewis-Clark Valley AVA Launch	\$ 67,144.60
Idaho Apple Commission	Creating Awareness of Idaho Apples through In-Store Promotions, Website Development, and Social Media	\$ 18,855.00
Idaho Bean Commission	Water and Soil Conservation and Effective Weed Management for Sustainable Dry Bean Production	\$ 162,451.74
Idaho Bean Commission	Novel Genetic Systems to Develop Bean Varieties Resistant to Viruses for Export to Mexico	\$ 99,006.00
Idaho Cherry Commission	Creating Awareness of Idaho Cherries through In-Store Promotions, Website Development, and Social Media	\$ 21,159.00
Idaho Grape Growers and Wine Producers Commission	Utilizing Educational Tools to Market and Propel the Idaho Wine Industry Forward	\$ 87,960.00
Idaho Potato Commission	International Business Development for Idaho Potatoes	\$ 132,924.00
Idaho Potato Commission	Development of Pale Cyst Nematode resistance in russet-skinned potato clones for Idaho	\$ 125,000.00
Idaho Preferred	Promoting Specialty Crops through Advertising, Retail, and Foodservice Promotions	\$ 198,000.00
Idaho-E. Oregon Onion Committee	Building International Markets in Mexico and Central America through Foodservice Promotional Activities and Trade Missions	\$ 34,500.00
Northwest Nazarene University	IdaBOT: An Autonomous Utility Robot for Managing Idaho Specialty Crops	\$ 80,651.00
Snake River Economic Development Association	Western Treasure Valley Pumpkins	\$ 91,000.00
University of Idaho	Impact of Canopy Design, Cluster Management, and Cultivars on Quality, Yield, and in Table Grapes	\$ 162,878.00
University of Idaho	Identifying How Potato Skin Wastes Produced in Idaho Can be Used to Modulate Glycemic Response	\$ 83,454.00
USA Dry Pea & Lentil Council	Education and Outreach for Media Professionals	\$ 140,000.00

2014 Specialty Crop Block Grant Program Projects Selected for Funding

Applicant	Project Title	Funding Amount
Boise State University	Food Safety Protocol: Monitoring Potato Fryer Oil Quality	\$ 155,735.00
Boise State University	Sunnyslope Soils Analysis (SSSA)	\$ 72,420.00
Idaho Apple Commission	The Impact of Tree Architecture and Girdling at Full Maturity in a Modern Super High Density Orchard on Yield Efficiency, Fruit Quality, Mineral Partitioning and Postharvest Physiology of Apples in Idaho	\$ 113,124.00
Idaho Bean Commission	Developing season-long integrated weed control systems in Idaho dry beans	\$ 56,685.00
Idaho Bean Commission	Developing the Bean Seed Market in Costa Rica	\$ 17,870.00
Idaho Grape Growers and Wine Producers Commission	Increase Quality, Awareness, and Sales of Idaho Wine	\$ 88,400.00
Idaho Hop Commission	Evaluating Experimental Hop Selections in Unique Idaho Terroir Conditions	\$ 68,250.00
Idaho Nursery & Landscape Association	Idaho Wholesale Nursery Map and Consumer Plant Something Magazine	\$ 23,500.00
Idaho Nursery & Landscape Association	Media Plant Something Marketing Campaign	\$ 24,750.00
Idaho Potato Commission	Identification of potato genes conferring resistance to NTN and N-Wilga recombinants of Potato Virus Y	\$ 149,420.00
Idaho Potato Commission	International Development for Idaho Potatoes - 2014	\$ 114,631.00
Idaho Preferred	Promoting Specialty Crops through Advertising and Retail Promotions	\$ 213,990.29
Idaho-Eastern Oregon Onion Committee	Developing Awareness of Idaho-E. Oregon Onions and Building International Markets in Mexico and Central America through In-store Promotions and Trade Missions	\$ 40,290.00
Northwest Nazarene University	Expanding the Application of the Crop Monitoring and Assessment Platform	\$ 76,686.00
University of Idaho	Identification and exploitation of resistance to Zebra chip disease in potato	\$ 95,090.00
University of Idaho	Studying Adaptation, Introduction, and Quality of Alternative Fruits to Enhance Profitability of Small Businesses and Public Health in Idaho	\$ 103,420.00
USA Dry Pea & Lentil Council	Enhancing domestic trade of dry peas, lentils and chickpeas by educating the food/foodservices industry about the benefits of utilizing pulses as ingredients	\$ 134,404.00
USDA-ARS	Deciphering the effects of grapevine virus on Idaho grape/wine quality	\$ 64,940.00
USDA-ARS	Method Development for Automated, Real-time Monitoring of Wine Grape Vine Water Stress for Use in Wireless Sensor-based Irrigation Networks	\$ 109,502.00

Idaho State Department of Agriculture
2013 Specialty Crop Block Grant Program

Applicant	Project Title	Funding Amount
Idaho Apple Commission	In Search of Suitable Rootstocks to Improve Yield Efficiency, Precocity, Mineral Nutrient Uptake, and Fruit Quality of Apples in Idaho	\$ 106,491.00
Idaho Bean Commission	Slow Release Nitrogen Trials for Dry Bean Production	\$ 13,397.00
Idaho Bean Commission	Trials of Peruano Dry Bean Seed in the U.S. and Mexico	\$ 122,525.40
Idaho Grape Growers and Wine Producers Commission	Increase the Exposure of the Idaho Wine Industry	\$ 40,000.00
Idaho Nursery and Landscape Association	Plant Something Idaho Marketing & Promotion Campaign	\$ 16,250.00
Idaho Potato Commission	Monitoring Potato Psyllid Biotypes as well as Off-Season and Overwintering Distribution and Abundance of Potato Psyllids and Candidatus Liberibacter Solanacearum in Idaho	\$ 157,363.00
Idaho Preferred	Promoting Specialty Crops through Advertising and Retail Marketing	\$ 157,000.00
Sunnyslope Wine Trail Group	Sunnyslope Wine Trail	\$ 30,000.00
University of Idaho	Eradication of the Necrotic Isolates of PVY from Idaho Potato	\$ 155,442.00
USDA-ARS	Impact of Grapevine Viruses on Idaho Grape Quality	\$ 93,960.00

*A complete list of funded projects is provided below.

**Idaho State Department of Agriculture
2012 Specialty Crop Block Grant Program
Grants Selected and Included in State Plan**

NOTE: Grants have been submitted in ISDA's State Plan, but not yet approved by USDA.

Applicant	Project Title	Funding Amount
Boise State University	Preparing Idaho Viticulture for Future Extreme Temperature Events: Wine Grapes Need for and Tolerance to Cold	\$22,993.93
Idaho Bean Commission	Trials of Idaho Dry Bean Seed in Durango and Zacatecas, Mexico	\$28,180.00
Idaho Grape Growers and Wine Producers Commission	Raising Awareness and Increasing Market Share of the Idaho Wine Within Idaho	\$41,622.00
Idaho Hop Commission	Developing an Economic Threshold for Twospotted Spider Mites in Hop	\$35,126.00
Idaho Nursery and Landscape Association	Don't Just Stand There - Plant Something	\$69,200.00
Idaho Potato Commission	Novel Control Strategy for Pale Cyst Nematode, Lesion Nematode and Fungal Pathogens of Potato	\$100,875.94
Idaho Potato Commission	International Market Development for Idaho Potatoes	\$100,226.40
Idaho Preferred	Promoting Specialty Crops Through Advertising, Marketing, and Education	\$185,983.59
Idaho-E. Oregon Onion Promotion Committee	From Field to Table - A Video Series to Build Awareness and Increase Education about Idaho-E Oregon Onions on a Global Level	\$17,000.00
Northwest Nazarene University	Development of a Crop Monitoring and Assessment Platform for Specialty Crops in Idaho	\$84,236.00
University of Idaho	Monitoring potato psyllids and zebra chip in Idaho and examining effects of disease on tubers during storage	\$108,862.00
USA Dry Pea and Lentil Council	Development of Educational Material for the Food Service Industry to Enhance the Use of Dry Peas, Lentils and Chickpeas (Dry, Edible Beans/Pulses) in Value-Added Products	\$50,000.00

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Idaho State Department of Agriculture
2011 Specialty Crop Block Grant Program
 Grants Selected and Included in State Plan

Applicant	Project Title	Funding Amount
Agricultural Research Service, Dr. Krista Shellie	Preparing Viticulture for Climate Change: Cold Hardiness of Grape Cultivars in Response to Weather Events During Dormancy	\$62,470.00
Idaho Apple Commission	Maximizing Production and Fruit Quality and Optimizing Mineral Nutrients in "Fuji"	\$ 104,388.00
Idaho Bean Commission	Development of virus-resistant Yellow Bean Seed for Domestic Sale and Export to Mexico	\$121,925.00
Idaho Nursery & Landscape Association	Plant Something: Awareness Campaign for Idaho Grown Products	\$20,000.00
Idaho Potato Commission	Development and Sustainable Production of New Potato Varieties for Idaho	\$255,940.00
Idaho Potato Commission	International Market Development for Idaho Potatoes	\$104,240.00
Idaho Preferred	Promoting Specialty Crops Through Advertising and Channel Marketing	\$105,490.38
University of Idaho	Eradication of Necrotic Strains of Potato Virus Y in Idaho	\$151,382.00

**Idaho State Department of Agriculture
2010 Specialty Crop Block Grant Program
Funded Projects**

- **Dr. Ron Bitner** - \$43,070.00
Development of a Commercial Nesting Block for the Blue Orchard Bee, *Osmia lignaria* Say
- **Idaho Apple Commission** - \$48,197.00
Enhancing the Marketing and Sales of Idaho Apples Through Cool School Café
- **Idaho Bean Commission** - \$61,037.68
Development of Market for Idaho Pinto Bean Seed in Chihuahua, Mexico
- **Idaho Eastern Oregon Onion Committee** - \$30,904.00
Marketing Idaho-E Oregon Onions Through Brand Plus to Help Build Industry Identity and Increase Sales
- **Idaho Eastern Oregon Seed Association** - \$13,000.00
Development of an Education and Outreach Program for Idaho's Seed Industry
- **Idaho Mint Commission** - \$3,500.00
Idaho Mint Grower's Survey for Development of a Current Economic Analysis of Costs and Returns in the Mint Industry
- **Idaho Nursery and Landscape Association** - \$12,810.00
Plant This Not That: Alternates to Noxious and Invasive Plants in Idaho Awareness Campaign
- **Idaho Nursery and Landscape Association** - \$19,925.00
Idaho Wholesale Nursery Locator Map
- **Idaho's Bounty - Local Food For Local People** - \$36,140.00
Idaho's Bounty Cooperative Online Food Distribution Market
- **ISDA's Idaho Preferred Program** - \$198,500.00
Promoting Specialty Crops through the Idaho Preferred Program
- **Northwest Coalition for Alternatives to Pesticides** - \$71,000.00
Biological Control for Disease and Virus Management in Beans and Potatoes
- **Northwest Food Processors Association** - \$65,000.00
Northwest Food Processors Bi-State Specialty Crop Sustainability Initiative
- **Rocky Fence Vineyard** - \$17,019.00
Increasing Berry Size of Organic Table Grapes
- **Snake River Table Grape Growers Association, Inc.** - \$31,410.00
Snake River Valley AVA Table Grape Industry – GAP and Quality Control Training
- **University of Idaho** - \$95,834.00
Evaluation of Adaptability, Bloom and Harvest Dates, Yield, Fruit Quality, Mineral Nutrition and Introduction of Modern Cultivars to Increase Global Competitiveness of Idaho Stone Fruit
- **University of Idaho** - \$96,436.26
Improved Tolerance of Drought, Salinity and Disease in Idaho Potatoes
- **West Foothills TIC** - \$22,930.00
Research Dry Land Vineyards in the Boise Front Foothills

**Idaho State Department of Agriculture
2009 Specialty Crop Block Grant Program
Funded Projects**

Caldwell/Canyon County Economic Development Council - \$30,000.00

Value-Added Solutions for Post-Harvest Perishables

Agricultural Research Service, Dr. Krista Shellie - \$58,306.80

Adaptation of lesser-known Wine Grape cultivars to climate Features of the Snake River Valley
AVA

Idaho Apple Commission - \$93,000.00

Increasing Fruit Quality and Global Competitiveness of Idaho Apples Through Efficient Use of
water, Nutrition, and Orchard Design

Idaho Bean Commission - \$122,001.64

Development of Virus-resistant Yellow Bean Seed for Domestic Sale and Export to Mexico

Idaho Hunger Relief Task Force - \$2,759.06

"Just" Food for Idaho

Idaho Mint Commission - \$36,447.00

Development of an Economic Threshold for Mint Root Borer in Peppermint

Idaho Potato Commission - \$167,080.00

Sustainable production of new varieties from the Pacific Northwest Potato Variety Development

Snake River Table Grape Growers Association - \$73,691.50

Variety Selection and Evaluation of Growth Regulators, Canopy Design, and Crop Load to
Improve Fruit Quality if Idaho Table Grape for the Global Market

Boise State University dba TechHelp - \$80,033.00

Improving the Competitiveness of Onion, Potato, Apple, Cherry and Dry Bean
Packaging/Processing Operations through Training and on-site Assistance

University of Idaho - \$74,999.60

Potato Virus Y Control in Idaho

Idaho State Department of Agriculture, Idaho Preferred® - \$58,440.91

Television Promotion of Idaho Specialty Crops