

## FY2012 Approved Research Projects

The Idaho Potato Commission met this week and, among many other topics, reviewed the recommendations of the Research and Education Committee. After examining the Committee's recommendations, the Commissioners agreed to fund the proposed projects listed below.

We intend to have the research results on our website in the future.

Project Name	Project Leader
<b>On Going Projects</b>	
Molecular and Biochemical Characterization	Gupta
Storability & Nutrition of Current Potatoes (Acrylamide project)	Gupta
Storage Requirements for New Cultivars	Gupta
Nematode Management	Hafez
Hairy Nightshade and PVY Incidence in Potato Fields	Hutchinson
Managing PVY in Idaho & Survey of PVY strain types in Idaho	Hutchinson/Karasev
Survey of PVY strains in Idaho (New last year)	Karasev
Production of Virus Free Potato Lines	Karasev
Treasure Valley Pest Alert Network	Neufeld
Idaho One Plan, Pesticide Applicator Reporting	Neufeld
Seed Potato Quality Improvement	Nolte
Extension Potato Specialists	Nolte/Olsen
Methods of Sprout and Disease Suppression	Olsen
Cost of Potato Production	Patterson
Breeding for Quality, Disease Resistance, Yield	Stark
Development of traits for Specialty Seed Varieties	Thornton
Improving Appearance of Specialty Potatoes	Thornton
An Approach to managing Important Potato Diseases in ID: Pythium/Early Blight	Wharton
Investigate best field and storage practices for control of black dot	Wharton
<b>Non U of I Projects</b>	
Acreage Counting	United Potato growers
Phosphorus crop Removal	IACI
PM 2.5 Emissions: Odor Control Systems	IACI
Increasing sustainability and improving control for potato diseases	Miller Research LLC
<b>New Projects</b>	
New strategies to control root-knot & root-lesion nematodes in potatoes	Elling
Computer Modeling of Packing house Wastewater Infiltration	Eric Miller
Potato Growth Response to High Copper Soils	Moore
Surveillance for PVY strain types in WA & OR potato seed lot trials	Karasev
Improved tolerance to drought, salinity & disease	Kuhl
Field and storage management approaches to reduce silver infection	Olsen

Investigate best field & storage management for Fusarium dry rot control

Detection of soil borne pathogens from soil and potato tubers

Glyphosate Carryover in Potato Seed

Tetonia Research Station Funding

National Processing Potato Variety Development

Olsen

Wharton

Hutchinson

IPC

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