
NORTHWEST CENTER FOR SMALL FRUITS RESEARCH

Grape (Table) Viticulture Research Priorities

for 2018-2019 funding

Revised December 2016

1A)	Evaluation of varieties to increase berry and cluster quality.
B)	Study canopy design to maximize berry quality and yield at harvest and after storage.
C)	Study of impact of varieties and canopy design on fruit set and yield components.
D)	Nutritional management for different varieties and canopies.
E)	Variety and canopy effects on water management.
2A)	Photosynthesis and carbon positioning under different canopy systems and varieties.
B)	Disease resistance in different vine architectural systems, e.g., powdery mildew and botrytis.
C)	Density of canopy affecting insect populations.
D)	Comparison of flavor components in different regions.
E)	Studying culture of galls in table grapes.
3A)	Develop web tools for sustainable site development.
B)	Evaluation of rootstock on cultivar vigor.
C)	Rootstock effect on canopy volume and nutrition.
D)	Effect of nematodes on vine growth.
E)	Effect of rootstock on scion, berry quality and yield.

Priority Setting Policy (April 2010)

The Northwest Center for Small Fruits Research will accept three tiers of research priorities for each recognized and represented single commodity (e.g. blueberries) or commodity group (e.g. specialty crops). The first and second tier research priorities shall each be limited to five specific issues and/or problems in a bulleted format. "Packing" of multiple problems (including, but not limited to, "Diseases" and "Pests") within individual line items will not be accepted. Generic language for problems (e.g., "Diseases") will not be accepted. Unacceptable priorities, as noted above, will be removed from the list by the administrative office. The third tier research priorities shall not be limited by list length and "packing" of multiple subjects and/or problems within individual line items will be accepted.