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# **NORTHWEST CENTER FOR SMALL FRUITS RESEARCH**

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## Red/Black Raspberry Research Priorities for 2010-2011 funding

Revised December 2008

- 1) Spotted Wing Drosophila (Emergency Addition September 2009)  
  
Develop cultivars that are summer-bearing, high-yielding, winter hardy, machine-harvestable, disease resistant, virus resistant and have superior processed fruit quality  
  
Understanding soil ecology and soil borne pathogens and their effects on plant health and crop yields  
  
Optimal soil fumigation techniques and alternative  
  
New chemistries to address harvest contaminants and other problems stemming from the loss of long standing insecticides and nemacides  
  
Fruit rot including pre-harvest, post-harvest and/or shelf-life
- 2) Product and production certification systems – food safety and security, standards, traceability  
  
Mite Control  
  
Weed control  
  
Nutrient/irrigation management  
  
Management of viruses and crumbly fruit
- 3) Season extension: improve viability for fresh marketing, protection of fruit shelf life  
  
Management of foliar and cane diseases  
  
Vertebrate pest management  
  
Value added and health promoting raspberry product  
  
Labor saving cultural practices, mechanical pruning and tying techniques