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# **NORTHWEST CENTER FOR SMALL FRUITS RESEARCH**

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## Red/Black Raspberry Research Priorities for 2011-2012 funding

Revised December 2009

- 1A) New chemistries and management techniques, including organic, to address newly emerging pests (e.g., Spotted Wing Drosophila), harvest contaminants, and problems stemming from loss of long-standing insecticides and nematocides.
- B) Develop cultivars that are summer-bearing, high-yielding, winter hardy, machine-harvestable, disease resistant, virus resistant and have superior fresh and processed fruit quality
- C) Understanding soil ecology and soil borne pathogens and their effects on plant health and crop yields
- D) Optimal soil fumigation techniques and alternative
- E) Fruit rot including pre-harvest, post-harvest and/or shelf-life
- 2A) Product and production certification systems – food safety and security, standards, traceability
- B) Mite management
- C) Weed management
- D) Nutrient/irrigation management
- E) Management of viruses and crumbly fruit
- 3A) Improve fresh market viability through season extension, improved shelf life, and organic production
- B) Management of foliar and cane diseases
- C) Vertebrate pest management
- D) Value added and health promoting raspberry product
- E) Labor saving cultural practices, mechanical pruning and tying techniques