



Representation ♦ Education ♦ Research

NPF&VGA Research Priorities

Applied Research Projects must directly benefit the grape, fruit or vegetable industry in the Niagara Peninsula.

- **Plant Protection** – Research in this area includes; prevention and control of disease, improving Integrated Pest Management, understanding the biology, ecology and management of current and invasive pests. This includes identification, tracking and monitoring, improving diagnostics and surveillance techniques to improve pest management and manage pathogen resistance.
- **Production Efficiency** – Research in this area includes; profit enhancement and improved efficiencies, reductions in labour, reduced input costs, more efficient use of land, labour, energy, waste stream reduction and reuse.
- **Environmental/Ecosystem Impact** – Research in this area includes; resource use, including climate change mitigation and adaptation, water management, alternate pollinators.
- **Product Quality Improvement** – Research in this area includes; studies focusing on new markets or new products, storability and post-harvest extension/shelf life.
- **Product Diversification** – Research in this area includes; new product development and associated production systems, climate change response (e.g. different crops), or different production strategies, or expansion of crop production to different land, market research to determine market demand and/or consumer preferences for new products and/or uses.
- **Genetic Technologies and Reproductive Technologies** – This research area focuses on genetic and reproductive technologies necessary to develop research in new products and specialty crops, enhance the marketability of existing products, improve productivity in pest management, environmental and end-use quality traits.