



## WASHINGTON BLUEBERRY COMMISSION

*Serving the Blueberry Industry of Washington*

### **2018 Request for Proposals**

**Research proposals** for 2018 are now being accepted. Proposals will be evaluated based on the listed priorities. Proposals for issues other than those listed as priorities are eligible for funding. Researchers may be requested to give a presentation at the Washington Small Fruit Conference in December of 2018. Researchers requesting funding in 2018 are required to make a presentation at the Berry Research Review meeting in fall of 2017. At that meeting researchers with 2018 funding are expected to provide a report on their present research. If that researcher is also requesting funds to continue the project in 2018, they will be given an additional time to present their proposed research for the following year. Researchers with new project requests will also be expected to make a presentation on their research concept. Following the meeting, the researcher will receive guidance from the Commission on whether they should proceed with submitting their proposal and if they receive a positive indication then they would be given additional feedback from the industry on how to strengthen their proposal. Proposals to fund research should be submitted to the WBC Office by December 11, 2017. Final decisions on funding will be made at the January meeting of the Commission. Proposals may be submitted by public or private researchers.

A copy of the Request for Proposal and examples of successful proposals are available on the WBC web site at <http://www.wablueberrycomm.org>. Anyone needing assistance in preparing proposals is encouraged to contact Alan Schreiber at Washington Blueberry Commission, 2621 Ringold Road, Eltopia, WA 99330, 509-266-4300 or [aschreib@centurytel.com](mailto:aschreib@centurytel.com). It is recommended that requests for assistance occur in advance of the proposal deadline. Indirect and overhead costs are not allowed. Project requests are limited to a maximum of five pages. Include the mailing, email addresses and phone number for the principal investigator and any co-principal investigators.

Researchers accepting funds from the Washington Blueberry Commission are required to make a presentation scheduled by the Commission on the results of their work at a grower meeting and an annual berry research review meeting.

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The Commission will accept a limited number of multiyear proposals for up to three years. If a proposal is accepted for a multiyear grant, the researcher would expect to be funded for the full term of the research project assuming adequate progress is made and adequate research funding is available from the Commission. The Commission cannot legally make formal assurances of funding for more than a year at a time. However, the Commission has reasonable confidence that it will have adequate research funds for the foreseeable future and there is very high likelihood that multiyear proposals would be funded assuming the aforementioned criteria are met.

**Progress reports** in electronic format are due for all research funded by the WBC for 2017 no later than December 11, 2017. The Commission requests any information on the practical and economic impact of each project to be included in the Progress Report.

# Washington Blueberry Research Priorities

(ranked in descending order of importance)

- Biology and management of spotted wing drosophila, including
  - \* lifecycle
  - \* alternate hosts
  - \* alternate products for control including pheromones, attract and kill
  - \*new products for SWD control that come with the appropriate MRLs
- MRL issues including degradation curves; grower education materials & working with our export partners to 'harmonize' MRL standards, particularly for SWD
- Disease pests including bacterial blight, alternaria, anthracnose, botrytis, mummyberry and root diseases such as armalaria ; incorporating resistance management strategies into disease control programs.
- Methods to improve pollination and fruit set including the impact of weather conditions on pollination, and investigate management practices leading up to harvest that will improve fruit quality.-
- Organic production and pest management systems including development of new SWD and mummy berry controls and development of resistance management strategies.
- Frost protection/cold hardiness and critical temperatures.
- Food safety including development of kill steps for fresh and processed blueberries, including water quality.
- Insect pests including gall midge, winter moth, root weevil, aphids, brown marmorated stink bug and cherry fruitworm.
- Bird management.
- Weed Management (organic and conventional)
- Irrigation management.
- Plant breeding.
- Variety trials in Washington.
- ~~Weed management.~~
- Pesticide registration - proposals would be accepted for registration related to identified industry priorities.
- Fertility management, including timing, placement and efficiency.
- Pruning and training, including workshops.
- Management of rodents and deer, particularly quantifying amount of damage caused by rodents.
- Site prep including soil pH, soil amendments and fumigation.
- Development of machine harvested fresh market production system.
- Methods such as physical coverings, chemicals or cultural changes to manipulate harvest intervals to fit market needs.
- Management of viruses.

# Washington Blueberry Commission Research Proposal Format

**Title:**

**Year Initiated** \_\_\_\_\_ **Current Year** \_\_\_\_\_ **Terminating Year** \_\_\_\_\_

**Principal Investigator:**

Include the mailing, email addresses and phone number for the principal investigator and any co-principal investigators.

**Justification and Background:** *(Issue you plan to address)*

**Relationship to WBC Research Priority(s):**

**Objectives:**

**Procedures:** *(Anticipated length of project, what will be done and when; number procedures to address objectives)*

**Describe how this research will benefit Washington blueberry growers:**

**References** (if applicable):

**Budget:**

Make sure to include a note if you are requesting multi-year funding.

	2018	2019	2020
Salaries <sup>1/</sup>	\$	\$	\$
Time-Slip	\$	\$	\$
Operations (goods & services)	\$	\$	\$
Travel <sup>2/</sup>	\$	\$	\$
Meetings	\$	\$	\$
Other	\$	\$	\$
Equipment <sup>3/</sup>	\$	\$	\$
Benefits <sup>4/</sup>	\$	\$	\$
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>

<sup>1/</sup>Type of Personnel, \_\_\_ % FTE.

<sup>2/</sup>

<sup>3/</sup>

<sup>4/</sup> Benefits \_\_\_\_\_ %

Researchers should report on all funding (cash or in kind) that has been secured that could support this project or for which funding has been sought.