

**Project title: Prohexadione calcium for canopy management in cranberries**

**Principal investigator:** Charitha Jayasinghege, Agriculture and Agri-Food Canada, Agassiz Research and Development Centre, 6947 Highway 7, Agassiz, BC V0M 1A2

**Project Update:** October 17, 2021

**Project Update Summary:** The main objective of this study is to evaluate if the plant growth regulator prohexadione calcium (Apogee) can be effectively used to manage the canopy growth in cranberries. The project was conducted as planned, growth regulator treatments and data collections were completed. Data analysis and fruit quality evaluations are currently underway.

**Project milestones achieved by October 2021**

1. The research plot was designed as a randomized complete block design at the field 4 of the cranberry research farm, Delta, BC
2. The experiment was designed to include seven different treatments of Apogee growth regulator. All the treatments were completed by the end of June 2021.
3. Upright and runner growth data were collected at 3 different time points after each treatment. Density of vegetative uprights, and fruit yield data was also collected. All data collections were completed by early October 2021.

**Next steps:** Data analysis and fruit quality evaluations are currently underway. We also removed the flags used for marking the treatment plots to facilitate the cranberry harvesting. Some ground markings were left to identify the exact plot locations. We hope to be back at the research farm in the coming weeks to reinstall the flags, which would allow us to continue to monitor the treatment effects next year.

**Project completion:** All the remaining activities will be completed by December 31, 2021. The final report will be submitted by January 15, 2022.

