

WEEKLY MUMMY BERRY UPDATE

(3/14/2022 - 3/20/2022)






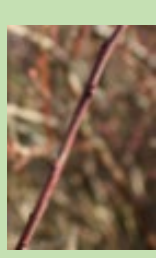
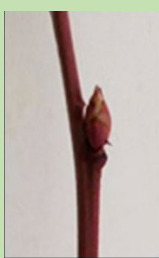
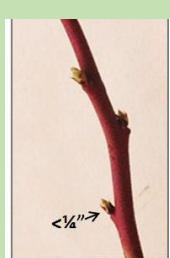
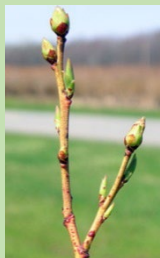
This weekly update provides information on the timing of apothecia (mushrooms) development from mummified overwintering berries in Washington's Skagit, Island, Snohomish, and Whatcom Counties.

The first table shows the percentages of floral and vegetative buds at different developmental stages and indicates when susceptible tissue is available on the plants. The second table shows the apothecial developmental stages from mummies and when ascospores are produced.


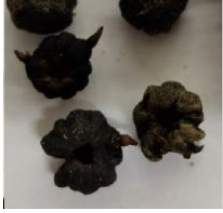




Development of mummies and host reflect conditions occurring in one field from each of the four counties that are currently being monitored. There may be differences in the stages of development in other blueberry fields in these same counties, in different counties, or for different blueberry cultivars.

Chakradhar Mattupalli

Berry and Potato Pathology Program
WSU Mount Vernon Northwestern Washington Research
and Extension Center
Office phone: 360-848-6138
Email: c.mattupalli@wsu.edu

County	Cultivar	Floral buds			Vegetative buds			
								
		Bud swell (%)	Bud break (%)	Tight cluster (%)	Dormant (%)	Bud swell (%)	Early green (%)	Late green (%)
Snohomish	Blueray	20	80	0	0	0	100	0
	Bluecrop	6.7	93.3	0	0	60	40	0
Skagit	Duke	26.7	70	3.3	0	0	100	0
Island	Aurora	83.3	13.4	3.3	0	6.7	93.3	0
	Legacy	10	80	10	0	0	96.7	3.3
Whatcom	Rancocas	46.7	53.3	0	13.3	60	26.7	0
	Bluecrop	43.3	56.7	0	0	20	80	0
		Percentages represent data collected from 30 plants per each cultivar. Red indicates a susceptible stage for infections.						

(Pictures: <https://fieldguide.bcblueberry.com/crop-growth-stages/>; Dr. Dalphy Hartevelde; https://www.canr.msu.edu/blueberries/growing_blueberries/growth-stages)

County						
	Dormant (%)	Germination (%)	Emergence (%)	Differentiation (%)	Sporulation (%)	Finished (%)
Snohomish	55	36	3	6	0	0
Skagit	67	17	6	8	2	0
Island	72	13	5	9	1	0
Whatcom	41	22	10	26	1	0
Percentages represent data collected from 100 mummies in one field from each county. Red indicates release of ascospores.						