






















2015 Maine Wild Blueberry Pesticide Chart – 2 of 3

NOTE: THIS CHART IS NOT A SUBSTITUTE FOR READING AND FOLLOWING THE LABEL. It is unlawful to use any pesticide for other than the registered use. Read and follow the label on the product container. The user assumes all responsibility for use inconsistent with the label. Trade names are used for identification. No product endorsement is implied, nor is discrimination intended against similar materials. Cooperative Extension makes no warranty or guarantee of any kind concerning the use of these products. **Check with your processor regarding PHI restrictions or MRL restrictions for export sales.**

	Extremely toxic to fish		Extremely toxic to bees		Extremely toxic to birds		Extremely toxic to people
	Moderately toxic to fish		Moderately toxic to bees		Moderately toxic to birds		Moderately toxic to people

FUNGICIDES

TOXICITY	FUNGICIDE	AI/GROUP	RATE/ACRE	PHI	REI	MAX/ACRE/YR	NOTES
 	Equus DF Bravo Weatherstik Equus 720 SST	chlorothalonil <i>Group M5</i>	2.7 to 3.6 lbs 3 to 4 pts	42	12 hrs	10.9 lbs 12 pts (9 lbs ai all chlorothalonil)	Apply in prune year for Septoria leafspot or leaf rust at 10-day minimum intervals. Do not add pesticides, fertilizers, or adjuvants unless tested; as phytotoxicity may result. Do not mix with Dipel, Foil, Triton or Latron. High runoff potential for several days to weeks. Oral and dermal toxicity to humans is low and inhalation toxicity is moderate.
	Bumper 40.8 ES Tilt Propimax	propiconazole <i>Group 3</i>	6 oz	30	12 hrs	30 oz (0.84 lb ai all propiconazole products); 2 consecutive applications	Apply at green tip/when >40% stems have blossoms at crown stage for mummy berry. Follow the mummy berry forecast method to time applications or apply every 7 to 10 days following the calendar method. See label for additional disease control.
 	CaptEstate 68 WDG	captan & fenhexamid <i>Groups M4/17</i>	3.5 to 4.7 lbs	0	48 hrs	21 lbs (3 lbs ai fenhexamid, 35 lbs ai captan)	Apply at 10% bloom for Botrytis. Repeat every 7-10 days through petal fall. Do not make more than 2 consecutive applications.
	Elevate 50 WDG	fenhexamid <i>Group 17</i>	1.5 lbs	0	12 hrs	6 lb (3 lbs ai all fenhexamid products)	Apply at 10% bloom for Botrytis. Apply every 7-10 days when conditions favor disease development, but no more than 2 consecutive applications. See supplemental label.
	Fontelis	penthiopyrad <i>Group 7</i>	16 to 24 oz	0	12 hrs	72 oz per year; 24 oz per application; 2 sequential applications	Apply at green tip/when >40% stems have blossoms at crown stage for mummy berry. Follow the mummy berry forecast method to time applications or apply every 7 to 10 days following the calendar method.
	Indar 2F	fenbuconazole <i>Group 3</i>	6 oz	30	12 hrs	4 applications; 24 oz (0.75 lb ai)	Apply with 1% v/v COC. Apply at green tip/when >40% stems have blossoms at crown stage for mummy berry. Follow the mummy berry forecast method to time applications or apply every 7 to 10 days following the calendar method.
	Pristine DO NOT TANK MIX – WATER ONLY	pyraclostrobin & boscalid <i>Groups 11/7</i>	18.5 oz	0	12 hrs	4 applications; 92 oz per yr; 23 oz per application* (for all Group 7 or 11 products); 2 sequential applications	Apply at 7-14 day intervals when conditions favor disease development. Avoid application when soil is saturated or when significant rainfall is expected within 48 hrs. Product has high runoff potential for several months. Rotate with a fungicide with a different mode of action. Avoid applying during bloom when bees are present. May only be applied with water.
	Procidic	ascorbic acid, citric acid, lactic acid, glycerin, NaCl <i>N/A</i>	2 to 2.5 oz/10 gal water	0	0 hrs	No maximum	Apply at budbreak and repeat every 7-10 days for <i>Monilinia</i> . Use for powdery mildew only if infection is severe. Spray solution must be pH 5.5-6, low salt concentration, and not chlorinated. Use higher rate during high humidity. Incompatible with dicofol, bipentachlorocyclopentadiene, methomil, cyhexatin, and chloropirites. Do not mix with salt based or high alkali reaction products. Also bactericidal and may be used post-harvest.
	Proline 480 SC	prothioconazole <i>Group 3</i>	5.7 oz	7	12 hrs	2 applications; 11.4 oz; 2 sequential applications	Apply at green tip/when >40% stems have blossoms at crown stage for mummy berry. Follow the mummy berry forecast method to time applications or apply every 7 to 10 days following the calendar method. See label for additional disease control; for <i>Valdensinia</i> suppression only. Product has potential to leach. Human toxicity moderate at longer exposures (see MSDS).
Toxic to shrimp	Quash 50% WDG	metaconazole <i>Group 3</i>	2.5 oz.	7	12 hrs	3 applications, 7.5 oz; 2 sequential applications	Apply at green tip for mummy berry. Follow the mummy berry forecast method to time applications or apply every 7-10 days following the calendar method. Rotate to a product that is not Group 3.
 	Quilt Xcel	azoxystrobin & propiconazole <i>Groups 11/3</i>	14 to 21 oz	30	12 hrs	82 oz per yr Quilt (0.84 lb ai propiconazole and 0.75 lb ai azoxystrobin); 2 sequential applications	Apply at green tip for mummy berry. Follow the mummy berry forecast method to time applications or apply every 7-10 days following the calendar method. Avoid adjuvants with silicone. Tank-mixing with EC products can lead to phytotoxicity. Rotate to a product that is not Group 11.
	Regalia	<i>Reynoutria sachalinensis</i> <i>Group P5</i>	1 to 4 qts in 50-100 GPA	0	4 hrs	---	Apply at bud break for mummy berry disease and repeat every 7-10 days. For best results, tank mix with other fungicides.
	Serenade Max	<i>Bacillus subtilis</i> <i>Not classified</i>	1 to 3 lbs	0	4 hrs	---	For <i>Monilinia</i> suppression, begin application at bud break and repeat every 7-10 days as needed. For Septoria leafspot or leaf rust, begin application prior to disease and repeat every 7-10 days, up to harvest. Spray solution should be pH 4.5-8.5. Rotate with products with other modes of action.
	Switch 62.5 WG	cyprodinil & fludioxonil <i>Groups 9/12</i>	11 to 14 oz	0	12 hrs	56 oz (1.3 lb ai cyprodinil, 0.9 lb ai fludioxonil); 2 consecutive applications	Apply prior to disease for Botrytis and at 7-10 day intervals when conditions favor disease development. Avoid application when soil is saturated or when significant rainfall is expected within 48 hrs, or within 75 ft of water bodies. After 2 consecutive applications, rotate with a fungicide with a different mode of action for 2 applications.

Prepared by Jennifer Cote, Assistant Scientist, David E. Yarborough, Extension Blueberry Specialist, and Seanna Annis, Associate Professor of Mycology, The University of Maine, Orono, ME 04469. April 2015. ***Please note: This revised version replaces any previous charts.***

The University of Maine does not discriminate on the grounds of race, color, religion, sex, sexual orientation, including transgender status and gender expression, national origin, citizenship status, age, disability, genetic information or veteran status in employment, education, and all other programs and activities. The following person has been designated to handle inquiries regarding nondiscrimination policies: Director, Office of Equal Opportunity, 101 North Stevens Hall, 207.581.1226.