

# Fruit Production Recommendations 2010-2011

Ontario Ministry of Agriculture, Food & Rural Affairs

## Chapter 5: Berry Crops



### Sea Buckthorn Calendar

Sea buckthorn has few insect and disease pests. Sea buckthorn is in the bushberry crop group and these products registered for bushberries can be used on sea buckthorn (Table 5-18. *Pest Management Products for Sea Buckthorn*, on this page).

Monitor sea buckthorn for pests and diseases, such as aphids, leafhoppers and mites, as well as the pests listed below.

Table 5-18. Pest Management Products for Sea Buckthorn

Read the product label and follow all safety precautions.

The **preharvest interval** is the number of days between the last spray and first harvest.

The **re-entry period** is the minimum interval that must be observed between application of the pesticide and work in the treated crop without protective equipment. If no re-entry period is stated on the label, assume the spray solution must be dry before re-entry can occur.

Pest	Common name	Product	Rate	Preharvest interval	Re-entry	Comments
Weevils	thiamethoxam	Actara 25 G	210–280 g/ha	3 days	12 hours	Provides suppression rather than control. See Table 2-6. <i>Efficacy Ratings for Pesticides</i> , page 12.
Gypsy moth	<i>Bacillus thuringiensis</i> var. <i>kurstaki</i>	Bioprotec CAF	2.4–4.0 L/ha	0 days		Apply when caterpillars first appear, as indicated by monitoring. Treat when larvae are young, before damage is evident, and at times when larvae are actively feeding on treated surfaces. Repeat at 3–14 day intervals, as needed Dipel: Rate is for hydraulic sprayers. For mist blowers, use 125-250 g/40 L water. See <i>Biopesticides and reduced risk products for insect control</i> , page 17 and notes on <i>Bacillus thuringiensis</i> var. <i>kurstaki</i> , page 17.
		or Dipel 2XDF	125–250 g/400 L water	0 days		
Brown rot	sulphur	Microscopic Sulphur	6.5 kg/1,000 L water/ha	7 days	24 hours	For orchards with a history of brown rot, begin applications at the beginning of bloom if weather conditions are conducive to disease development (e.g. warm, wet conditions). Repeat at 7–10 day intervals as needed. Use a maximum of 8 applications per year.
Botrytis	<i>Bacillus subtilis</i>	Serenade ASO	4.0–15 L/ha	0 days		Provides suppression rather than control. See Table 2-6. <i>Efficacy Ratings for Pesticides</i> , page 12, and notes on <i>Bacillus subtilis</i> ( <i>Serenade ASO</i> , <i>Serenade MAX</i> ), page 14.
Bacterial blight			4.0–12 L/ha	0 days		

Pest	Common name	Product	Rate	Preharvest interval	Re-entry	Comments
A blank cell indicates the information is not specified on the product label.						

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