

BLACKBERRY AND RASPBERRY INSECT CONTROL—COMMERCIAL

Insect	Material and Formulation	Amount to Use Per Acre	Remarks/Precautions	Days to Harvest
LATE OCTOBER/EARLY NOVEMBER OR LATE MARCH (DORMANT)				
Raspberry Crown Borer	Brigade 2 EC	6.4 fl oz	After egg hatch from late October to early November or by late March, apply Brigade as a soil drench directed at the crown of plants in minimum of 200 gal water per acre prior to significant rainfall event.	3
	Brigade WSB	16 oz		3
DELAYED DORMANT				
Rednecked Cane Borer			If less than 5% of canes have galls , then prune out galled canes, bury or otherwise destroy these infested canes to kill overwintering larvae.	
PREBLOOM				
Strawberry Clipper (weevil)	Actara	3 oz	Begin randomly checking 100 clusters for clipped buds when the first flower appears. If more than 1% of buds are clipped, apply insecticide and reapply at 10-day intervals as long as bud clipping continues.	3
Thrips	Malathion 5EC	3 pt		1
	Malathion 8F	1-4 pt		1
	Sevin 4F	1-2 qt		7
	Sevin 80S	1.25-2.5 lb		7
	Aza-Direct	3.5 pt	Aza-Direct is OMRI approved for organic production.	0
EARLY BLOOM THROUGH BLOOM		SAVE THE BEES!! DO NOT APPLY INSECTICIDES DURING BLOOM!!		
POST-BLOOM TO HARVEST				
Rednecked Cane Borer	Admire Pro	10.5-14 fl oz	From late April to early June, apply insecticide only if you detect adult rednecked cane borers on primocane leaves or thrips on berries. Do not apply pre-bloom or when bees are foraging.	7
Thrips	Aza-Direct	3.5 pt		4 hours
Stink Bugs	Actara	3 oz	Weekly, check for stink bugs on fruit before spraying.	3
	Sevin XLR	1-2 pt		7
Spider Mites	Bifenthrin 2 EC	6.4 fl oz	If mites are present and causing leaf bronzing, apply a spray. Road dust on leaves and applications of Sevin and pyrethroids can cause spider mite flare-ups.	3
	Brigade 2 EC	6.4 fl oz		3
	Savey	4-6 oz		3
	Aza-Direct	3.5 pt		Aza-Direct is OMRI approved for organic production.
Leafrollers	Deliver	0.25-1.5 lb	Deliver and Javelin are <i>Bt</i> formulations that are OMRI approved for organic production. Leafrollers are usually not a problem in caneberrries.	0
	Javelin WG	0.25-1.0 lb		0
Japanese Beetle	Sevin XLR	1-2 qt	Weekly, from mid-June to late July, check for foliar feeding by Japanese beetle and spray weekly as needed with a seven-day minimum interval between applications. Check for green June beetles feeding on ripening fruit in July.	7
Green June Beetle	Sevin 80S	2.5 lb		7
	Malathion 5EC	3 pt		1
	Malathion 8F	1-4 pt		1
	Pyganic 1.4	16-64 fl oz		Pyganic is OMRI approved for organic production.
RED IMPORTED FIRE ANTS (ALL FIRE ANT BAITS) – Apply when ants are active and soil temperature is above 60°F. Do not treat if rain is anticipated within 6 hours.				
	S-Methoprene (Extinguish)	3-5 T/mound 1-1.5 lb/A	Mound-to-mound treatment rate. Broadcast rate. This product is an insect growth regulator (IGR). Apply 3 to 4 weeks prior to harvest date of production area being treated.	