

BLUEBERRY INSECT CONTROL—COMMERCIAL

Insect	Material and Formulation	Dosage of Insecticides/Acre	Remarks/Precautions	Days to Harvest
BUD SWELL				
Climbing Cutworm	Sevin 80S	1 7/8-2 1/2 lb	At bud swell, begin checking plants for damaged buds or check after dusk for cutworms feeding on the buds. Spray weekly as long as damage is occurring or cutworms are present.	7
	Sevin XLR	1 1/2-2 qt		7
FRUIT FEEDING INSECT PESTS OF BLUEBERRY ARE RARE IN ARKANSAS.				
PETAL FALL				
Cherry Fruitworm	Asana XL	4.8-9.6 fl oz	Repels bees; do not apply within 7 days of pollination.	14
Cranberry Fruitworm	Azinphosmethyl 50	1.0-1.5 lb	Azinphosmethyl is for fruitworms only. Limit to two applications.	7
Japanese Beetles	Imidan 70W	1 1/3 lb	Control cherry fruitworm at petal fall and 10 days later.	3
	Confirm 2F	16 fl oz	Control cranberry fruitworm 10 days and 20 days after petal fall.	14
	Diazinon AG600	25 1/2 fl oz	Scout berries for worms before using insecticides.	7
	Lannate LV	1 1/2-3 pt	Check labels for application restrictions.	3
	Malathion 5EC	2 pt		1
	Malathion 8F	1 1/2-2 1/2 pt		1
	Sevin 80S	1 7/8-2 1/2 lb		7
	Sevin XLR	1 1/2-2 qt		7
Leafrollers	Javelin WG	0.5-4.0 lb	A <i>Bt</i> formulation approved for organic production. Use Javelin for cherry fruitworm and leafrollers.	0
	Deliver		A <i>Bt</i> formulation approved for organic production.	0
FIRST AND SECOND COVER				
Plum Curculio			Plum curculio adults and larvae have not been observed to damage blueberries in Arkansas.	
Fruitworms	SEE PETAL FALL			
THIRD AND ADDITIONAL COVERS				
Blueberry Maggot			Blueberry maggot larvae and adults have not been observed in Arkansas.	
Japanese Beetle	Actara	4 oz		3
Green June Beetle	Imidan 70W	1 1/3 lb	Mid-June to late July, check for foliar feeding by Japanese beetle and spray weekly as needed.	3
	Sevin XLR	1-2 qt	Japanese beetle will feed on leaves and fruit. Scout for the insect before you treat. Bait/pheromone traps are available for the pest, but be sure to place traps at least 100 feet from planting to minimize attracting beetles into the planting.	7
	Sevin 80S	1 1/2-2 1/2 lb		7
	Malathion 8F	1 1/2-2 1/2 pt		1
	Malathion 5EC	1 1/2 pt		1
	Pyrellin EC	1-2 pt	Green June beetle will feed on fruit only.	12 hours
	Provado 1.6	6-8 oz		3
Japanese Beetle Adults on foliage and Japanese Beetle Grubs in soil	Admire Pro	7-10.5 fl oz	Foliar application against adults or surface application by in-row chemigation or 18-inch band on each side followed by 0.5- to 1-inch of rain or overhead irrigation. Do not exceed 14 fl oz per acre per season.	7
RED IMPORTED FIRE ANTS				
ALL FIRE ANT BAITS – Apply when ants are active and soil temperature is above 60 degrees 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	
	Pyriproxyfen (Esteem)	2-4 T/mound 1.5-2.0 lb/A	Mound-to-mound treatment rate. Broadcast rate.	