

CHERRY INSECT CONTROL—COMMERCIAL

Insect	Material and Formulation	Amount to Use Per Acre	Remarks/Precautions	Days to Harvest
DORMANT				
Scale	Superior oil (70 sec viscosity)	1-1.5 gal/100 gal water	Apply when temperatures are above 45 degrees F. NEVER apply during freezing weather. Apply after leaves drop and before buds swell.	
European Red Mite	Apollo	2-8 oz	Use at first sign of mites.	21
BLOOM				
SAVE THE BEES! DO NOT APPLY INSECTICIDES DURING BLOOM.				
			From petal fall on, about 300 gallons of dilute spray/acre is required to adequately cover mature cherry trees in full leaf and 14-16 feet high in rows 30 feet apart.	
Initiate Oriental Fruit Moth and Plum Curculio Scouting Programs			Place 3 OFM pheromone traps in orchard interior to detect first moth emergence. Set out pyramid or trunk traps tied to cherry tree trunks along the forested edges of the orchard by mid-March.	
PETAL FALL				
Plum Curculio	Imidan 70W Guthion Solupak	2 1/8-2 1/2 lb 1-1 1/2 lb	Do not use Imidan on sweet cherries. Inspect pyramid traps or trunk traps twice weekly for plum curculio adults. Spray if > 1 plum curculio in 3 traps. Plum curculio adults emerge and lay eggs in fruit during April, then again from June to July in Arkansas.	7 15
Mating Disruption for Oriental Fruit Moth	Isomate-M100 Isomate Rosso 3M sprayable pheromone	100/acre 1.7-2.5 oz	If insecticides are not used for first generation OFM control at petal fall: Isomate M100 material should be applied no later than green tip, but reapplied 90 days later to achieve control until harvest. If first generation is controlled with insecticides, then place pheromone dispensers in orchard by mid-May. The sprayable pheromone should be applied at 3- to 4-week intervals.	
SHUCK FALL				
Lesser Peachtree Borer	Thiodan 3EC Guthion Solupak	2 2/3-3 1/3 qt 1-1 1/2 lb	Single application post-harvest after the leaves have dropped. Spray all wounded or cracked limb areas from ground level to lower scaffold limbs.	21 15
Plum Curculio	SEE PETAL FALL		Inspect pyramid or trunk traps twice weekly through the season for plum curculio adults.	
Japanese Beetle	Imidan 70W Sevin 80S	2 1/8-2 1/2 lb 2 1/2-3 1/2 lb		7 3
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.				
Bearing Stone Fruit	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.	
Non-Bearing Stone Fruit	Hydramethylnon (Amdro Pro) Pyriproxyfen (Esteem) Pyridine (Distance)	2-5 T/mound 1-1.5 lb/A 2-4 T/mound 1.5-2 lb/A 1-4 T/mound 1-1.5 lb/A	Mound-to-mound treatment rate. Broadcast rate. Mound-to-mound treatment rate. Broadcast rate. Mound-to-mound treatment rate. Broadcast rate.	