

PEAR INSECT AND MITE CONTROL—COMMERCIAL

Insect	Material and Formulation	Amount to Use Per Acre	Remarks/Precautions	Days to Harvest
DORMANT				
San Jose Scale	Superior oil 70 sec viscosity	2 gal	Apply when temperatures are above 45 degrees F – NEVER during freezing weather. Do not apply within 2 weeks of sulfur spray or later than delayed dormant.	
PREBLOOM				
European Red Mite Eggs	Apollo Savey 50DF	4-8 oz 3-6 oz	Limit to one Apollo or Savey application per year.	21 28
EARLY BLOOM THROUGH BLOOM			SAVE THE BEES!! DO NOT APPLY INSECTICIDES DURING BLOOM!!! Set out 3 codling moth pheromone traps in the center of each 10-acre block. Monitor traps twice weekly. Note the date moths are captured. Then begin accumulating degree days. Apply sprays at 250 DD, 1250 DD and 2250 DD.	
PETAL FALL				
Plum Curculio Tarnished Plant Bug Stink Bugs	Imidan 70W	2 1/8-7 1/8 lb	Full coverage spray. Spray if fruit has signs of feeding by plum curculio (round to crescent-shaped holes), small punctures by tarnished plant bug or stink bugs.	7
FIRST COVER TO HARVEST				
Plum Curculio	Imidan 70W	2 1/8-7 1/8 lb	Inspect pyramid or trunk traps twice weekly for plum curculio adults. Spray if >1 plum curculio in 3 traps.	7
Codling Moth	Asana	4.8-14.5 lb	Plum curculio adults emerge and lay eggs in fruit during April, then again from June through harvest in Arkansas.	28
Plant Bugs	Sevin 80S	1 1/2-3 1/2 lb		3
Stink Bugs	Danitol 2.4EC Confirm 2F	16-21 1/3 fl oz 20 fl oz	Codling moth: Apply sprays at 250 DD, 1250 DD and 2250 DD. Follow the label directions.	14 14
Mites	Agri-Mek 0.15EC Apollo Kelthane 35 Vendex 50WP Vydate	2.5-5 oz 4-8 oz 4-8 lb 1-2 lb 6-8 pt	Alternate miticides to avoid development of resistance.	28 21 7 14 14
RED IMPORTED FIRE ANT				
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.				
Non-Bearing Trees	Hydramethylnon (Amdro Pro)	2-5 T/mound 1-1.5 lb/A	Mound-to-mound treatment rate. Broadcast rate.	
	S - Methoprene (Extinguish)	3-5 T/mound 1-1.5 lb/A	Mound-to-mound treatment rate. Broadcast rate. This is an IGR (insect growth regulator).	
	Pyriproxyfen (Esteem)	2-4 T/mound 1-1.5 lb/A	Mound-to-mound treatment rate. Broadcast rate. This is an IGR.	
Bearing Trees	Pyridine (Distance)	1-4 T/mound 1-1.5 lb/A	Mound-to-mound treatment rate. Broadcast rate. This is an IGR.	
	Pyriproxyfen (Esteem)	2-4 T/mound 1.5-2 lb/A	Mound-to-mound treatment rate. Broadcast rate. This is an IGR.	
	S - Methoprene (Extinguish)	3-5 T/mound 1-1.5 lb/A	Mound-to-mound treatment rate. Broadcast rate. This is an IGR.	