

Magnolia Family Farms Pest Scouting and Monitoring Protocol 2022

<b>Crop(s) affected</b>	<b>Pest or disease</b>	<b>Action threshold</b> (e.g. # eggs/plant)	<b>Threshold source</b>	<b>Monitoring Start Date</b>	<b>Monitoring End Date</b>	<b>Monitoring Frequency</b> (e.g. daily, weekly, etc.)	<b>Notes</b>
<i>Almond</i>	<i>Naval Orange Worm</i>	<i>2 mummy berries per tree after bud swell</i>	<i>University of California IPM</i>	<i>Bud swell</i>	<i>Hull split</i>	<i>Every 2 weeks</i>	<i>Can also use pheromone traps or degree day models</i>
<i>Almond</i>	<i>Peach Twig Border</i>	<i>Not listed</i>	<i>University of California IPM</i>	<i>December</i>	<i>May</i>	<i>Every 2 weeks</i>	<i>Preferred treatment is dormant oils; Can also use pheromone traps or degree day models</i>
<i>Almond</i>	<i>Scale</i>	<i>Above 20% infested spurs</i>	<i>University of California IPM</i>	<i>November</i>	<i>January</i>	<i>Every 2 weeks</i>	<i>Can also use degree day models</i>
<i>Almond</i>	<i>Spider Mites</i>	<i>Presence on &gt;25% of leaves sampled (refer to attached presence/absence form)</i>	<i>University of California IPM</i>	<i>May</i>	<i>August</i>	<i>Weekly</i>	<i>Sample minimum of 5 trees and select 15 leaves per tree. Typically only a problem in water stressed orchards</i>
<i>Almond</i>	<i>Anthraco</i> <i>se</i>	<i>Recommendation is to spray with fungicide</i>	<i>University of California IPM</i>	<i>5-10% bloom</i>		<i>Spray every 10-14 days if blight persists</i>	
<i>Almond</i>	<i>Brown rot</i>	<i>Recommendation to treat if present</i>	<i>University of California IPM</i>	<i>5-10% bloom</i>		<i>1 application is usually sufficient</i>	

<i>Almond</i>	<i>Jacket rot</i>	<i>Recommendation to treat with fungicide if present</i>	<i>University of California IPM</i>			<i>Treat until rains stop</i>	
<i>Almond</i>	<i>Rust</i>	<i>If orchard has history, recommendation is to treat before symptoms become visible</i>	<i>University of California IPM</i>	<i>Petal fall</i>	<i>Again in early spring and late summer</i>		
<i>Almond</i>	<i>Scab</i>	<i>Presence on leaves</i>	<i>University of California IPM</i>	<i>If found, treat 2-5 weeks after petal fall</i>			