

## Pesticide Rates, Re-entry and Pre-harvest Interval Table

Pesticides	Commodities	Re-entry Interval (REI)	Pre-harvest Interval (PHI)	Remarks
<b>Malathion 8 Aquamul</b> EPA # 34704-474  Add Protein Bait  Water should be buffered to near 7.0 pH when mixing with Malathion pesticides  <b>Do Not</b> use on Apples, Pears, Persimmons, Plums or Pomegranates!  Ground or Aerial application	Blackberries, Blueberries, Boysenberries, Currants, Dewberries, Gooseberries, Loganberries, Mangos, Melons, other than Watermelons, Papayas, Pumpkins, Raspberries, Squash, winter, Tomatoes, Watermelons	12 hours	1 day	Per Label/SLN
	Guavas	12 hours	2 days	Per Label/SLN
	Cherries, Eggplant, Passion Fruit, Peppers, Strawberries	12 hours	3 days	Per Label/SLN
	Figs	12 hours	5 days	Per Label/SLN
	Apricots	12 hours	6 days	Per Label/SLN
	Grapefruit, Lemons, Limes, Oranges, Tangerines, Tangelos	12 hours	7 days	Per Label/SLN
	Cucumbers, Squash, summer	24 hours	1 day	Per Label/SLN
	Grapes	24 hours (72 hours for girdling and tying)	3 days	Per Label/SLN
	Nectarines, Peaches, Walnuts	24 hours	7 days	Per Label/SLN
	Avocados, Kumquats	48 hours	7 days	Per Label/SLN
<b>GF 120 NF, Naturalyte (organic Spinosad)</b> EPA #62719-498  Bait pre-mixed  Ground or Aerial application	All Commerical Fruit per Section 3 – including commodities such as Apples, Pears, Plums, Persimmons, and Pomegranates not listed on the Malathion label or SLN	4 hours	4 hours	Per Label (no SLN required)
<ol style="list-style-type: none"> <li>Application interval for Malathion is between 6 to 14 days. Spinosad application interval is between 7-10 days.</li> <li>If treatment is interrupted by breakdowns or other factors, the entire zone may be treated within 24 hours to preserve the scheduled interval.</li> <li>Do not treat when there is 50% or more chance of receiving significant rainfall. 0.5 inches of rain within 24 hours of a treatment nullifies the treatment.</li> <li>SLN must be in possession of applicator and supervisory personnel responsible for conducting treatment at the treatment site.</li> <li>Spinosad may be substituted for last Malathion treatment to achieve 24 hour PHI and commence harvesting without the longer PHI for Malathion.</li> </ol> <p><b>Pesticide Rates:</b>  <b>Malathion 8 Aquamul formulation: Use 2.8 ounces per acre plus</b>  <b>Nu-Lure Insect Bait (Miller Co.) CA Reg. No. 72-50012-AA: Use 9.6 ounces per acre.</b>  <b>Note:</b> The Malathion 8 Aquamul rate is the minimum effective dose, which is much less than the label rate – determined by a research committee during previous exotic fruit fly quarantines in California.</p> <p><b>Spinosad formulation: Aerial – use 20 oz. of product mixed with 30 oz of water per acre. (1:1.5 ratio)</b>  <b>Ground – use 20 oz of product mixed with 20, 40, 60, or 80 oz of water per acre. (1:1, 1:2, 1:3, or 1:4 ratio)</b></p>				