











IRAC MOA <sup>1</sup>	Pesticide Trade name	Rate/Acre <sup>2</sup>	Comments	Pests controlled
21	<b>Pyridaben</b>			
	Nexter 75 WP	6.6 oz	Tank mixing with oil or copper results in reduced residual activity.	<b>Spider mites</b> , false spider mites, rust mites
21A	<b>Tolfenpyrad</b>			
	Apta	14-27 fl oz	Do not apply by air. Do not apply more than 27 oz/acre per growing season. Do not make more than 2 applications per year. Allow at least 14 days between applications.	<b>Citrus rust mite, spider mites (higher rates)</b> , asian citrus psyllids
23	<b>Spirodiclofen</b>			
	Envidor 2 SC	13 to 20 oz	Limit to one application per season. Use 20 oz rate if tank mixing with oil. Tank mixing with oil results in reduced residual activity.	<b>Rust mites, spider mites</b>
23	<b>Spirotetramat</b>		Limit of 0.32 lb ai per acre per 12 month. Minimum interval of 21 days between applications	
	Movento 240	10 fl oz	Do not make more than one application during primary citrus bloom period. Recommended to be applied in 2% horticultural mineral oil	<b>Citrus rust mites</b> , asian citrus psyllid nymphs, aphids, mealybugs, scale insects, whiteflies,
	Movento MPC	16 fl oz	Do not apply within 10 days prior to bloom, during bloom, or until petal fall is complete. Recommended to be applied in 2% horticultural mineral oil	
Unk <sup>3</sup>	Petroleum Oil 97+% (FC 435-66, FC 455-88 or 470 oil)	2% v/v	Do not apply when temperatures exceed 94°F. 470 weight oil has not been evaluated for effects on fruit coloring or ripening. These oils are more likely to be phytotoxic than lighter oils.	<b>Rust mites, spider mites</b> , scales, whiteflies, greasy spot, sooty mold
UN <sup>3</sup>	Sulfur		Limit to one application per season where supplemental rust mite control is needed between main sprays. Do not combine with oil or apply within 3 weeks of oil as fruit burn may result. May cause eye irritation to applicators and fruit harvesters.	<b>Rust mites, broad mites</b> (Kumulus, Thiolux and Microthiol only)
	Kumulus 80 DF	15 lb		
	Microthiol 80 DF	15 lb		
	Thiolux 80 DF	15 lb		
	Wettable powder or dust	50 lb		

<sup>1</sup> Mode of action class for citrus pesticides from the Insecticide Resistance Action Committee (IRAC) Mode of Action Classification V.8.4 (2018).

<sup>2</sup> Lower rates may be used on smaller trees. Do not use less than the minimum label rate.

<sup>3</sup> Mode of action unknown.