

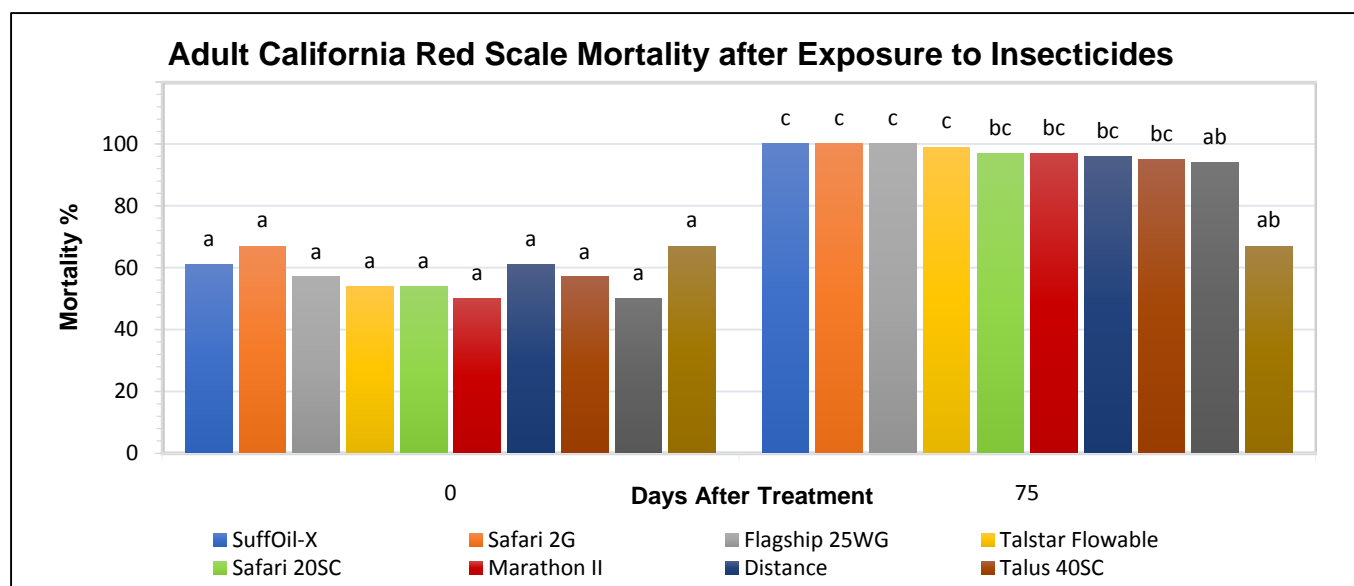


## Trial Data Summary: Efficacy of Insecticides Against California Red Scale SuffOil-X®

This study, conducted in 2010 by Dr. Scott W. Ludwig, Texas AgriLife Extension Program Specialist, evaluated the efficacy of insect growth regulators, horticultural oils, and insecticides against California red scale (*Aonidiella aurantii*) on container grown bay laurel (*Laurus nobilis*). Seventy-five days after the first insecticide applications the mortality rate was 100% in the SuffOil-X treatment. In this trial, each plant was individually sprayed to ensure the pesticide made contact with the scales. Growers often have plants spaced pot tight and as a result, it can be difficult to get insecticide contact to all the scales on a plant.

Insecticides evaluated against California red scale on bay laurel				
Treatment*	Active Ingredient	Rate	Application Type	Date of Application
Safari 2G	dinotefuran	2.6 g / pot	Top Dress	Feb 5
Safari 20SC	dinotefuran	18 oz / 100 gal	Foliar Spray	Feb 5 & Mar 4
Flagship 25WG	thiamethoxam	8 oz / 100 gal	Foliar Spray	Feb 5 & Mar 5
Marathon II	imidacloprid	50 ml / 100 gal	Foliar Spray	Feb 5 & Mar 6
Talstar Flowable	bifenthrin	28.5 fl oz / 100 gal	Foliar Spray	Feb 5 & Mar 7
SuffOil-X	petroleum oil	2 gal / 100 gal	Foliar Spray	Feb 5 & Mar 8
Distance	pyriproxyfen	12 oz / 100 gal	Foliar Spray	Feb 5 & Mar 9
Talus 40SC	buprofezin	21.5 fl oz / 100 gal	Foliar Spray	Feb 5 & Mar 10
Triact 70	neem oil	2 gal / 100 gal	Foliar Spray	Feb 5 & Mar 11

\*Capsil (8 oz / 100 gal) was tank mixed with all foliar treatments



For each evaluation date, columns with the same letter are not significantly different, Tukey's HSD; P>0.05.

Refer to product labels for complete application details. Additional technical information is available on our website ([bioworksinc.com](http://bioworksinc.com)) or from your BioWorks technical sales representative. SuffOil-X® is a registered trademark of BioWorks, Inc. Always read and follow label directions.