

PRODUCT FEATURES

◆ EFFECTIVE

Reduces CRS populations and hinders development of chemical pesticide resistance.

◆ SELECTIVE

X-Mate CRS targets only male California Red Scale and will not harm beneficial insects or bees.

◆ RESIDUE FREE

There are no residue or contamination worries, as food-safe X-Mate CRS does not contain insecticide and never contacts the fruit.

◆ WORKER SAFETY

There are no concerns about re-entry (12 hours) or pre-harvest interval.

◆ SEASON LONG PERFORMANCE

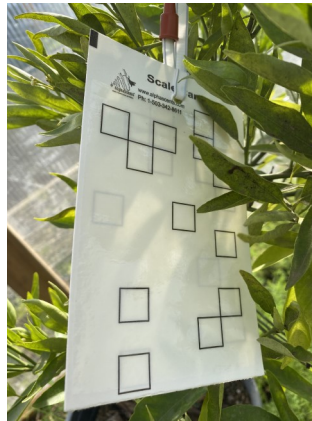
COMPATIBLE with all IPM technologies. Augmentation by *Aphytis melinus* biological control can lead to successful CRS suppression.

◆ WATERPROOF

X-Mate CRS is unaffected by rain or overhead sprinklers. It stays where you put it, never entering the water table.

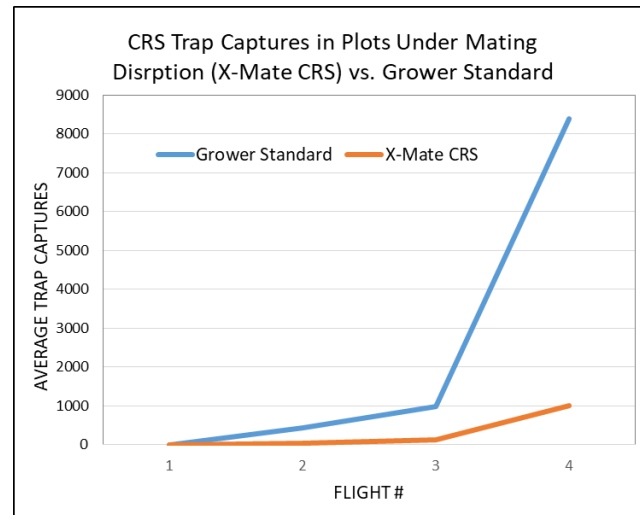


MONITORING



Monitoring with pheromone-baited traps is essential for detecting the presence and magnitude of target pest and other secondary pest populations. X-Mate targets one species only. Inspect fruit, foliage and branches for all pests at regular intervals. Consult your pest control advisor to determine if supplemental products are required.

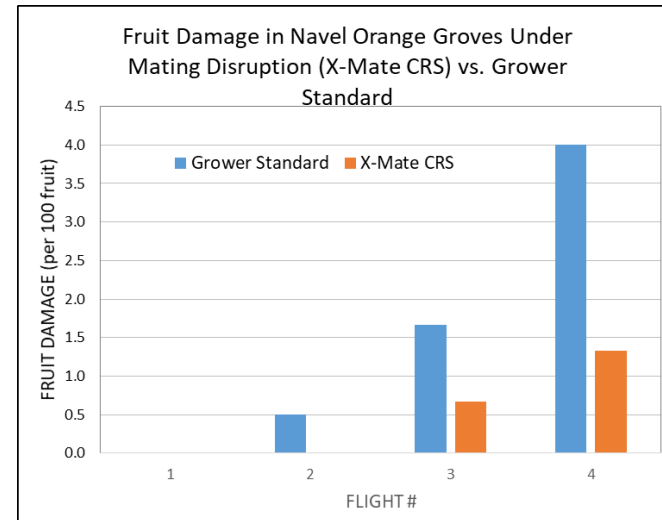
FIELD RESEARCH



X-Mate CRS has proven in field trials in California. X-Mate CRS resulted in outstanding control of California Red Scale when used as a stand-alone method or as part of an IPM program. It substantially reduces or eliminates supplemental insecticide use.

RESULTS

With X-Mate CRS treatment: A single application keeps pest damage at low levels for entire season. So beneficial insects can complete control of infestation of California Red Scale and reduce damage below economical levels.



HOW IT WORKS:

Disrupts Mating with Pheromone to Control CRS

California Red Scale, *Aonidiella aurantii* (CRS) is a serious pest of citrus and other plants throughout the World.

California Red Scale attacks all parts of the tree including twigs, leaves, branches, and fruit. Heavily infested fruit may reduce their value and serious damage can occur to trees. Severe infestations can lead to defoliation, branch dieback, fruit loss, and possible death of the tree.

X-Mate CRS is pheromone based California Red Scale control product.

High Dose of Pheromone to Disrupt Mating

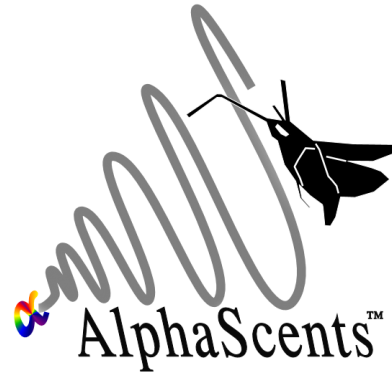
X-Mate CRS releases high dose of pheromone to prevent male scales from finding female.

They are confused and overwhelmed by pheromone cloud and mating rate is highly reduced. One device per tree causes Mating Disruption and as result lower reproduction and population reduction.

HOW TO USE:

Only One Device per Tree (180 per acre)

X-Mate CRS comes prepackaged in small blister-type dispensers. No activation is necessary. Just hung one dispenser per tree as high as possible in the center of the tree crowns. Take into consideration tree pruning to avoid loss of dispensers. Apply X-Mate CRS prior to second scale flight. X-Mate CRS provides season-long scale Mating Disruption.



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Alpha Scents manufactures high quality products that our customers can employ to reduce or eliminate the use of pesticides.

To accomplish this, we seek to build strong relationships with our customers that go well beyond the sale of products.

X-Mate CRS

Mating Disruption for California Red Scale



EFFECTIVE • SELECTIVE • RESIDUE-FREE

EPA Reg. No. 85354-6

