

SunSpray® Ultra-Fine®

SPRAY OIL

Effective year-round protection of landscapes, gardens, greenhouses, fruit trees & interiorscapes without the use of synthetic chemicals

A superior horticultural spray oil for insect and mite pest management



How Does Ultra-Fine Work?

SunSpray Ultra-Fine Spray Oil kills pests by smothering the insects and their eggs, while most chemical pesticides kill by poisoning.

SunSpray Ultra-Fine has demonstrated residual activity up to 2 weeks in decreasing the desire for some insects to lay eggs and feed. After UltraFine has dried it does not pose a threat to beneficial insects.

Advantages of Using Ultra-Fine

1. Low toxicity.
2. Use throughout the growing season without concern for plant damage when used properly.
3. Versatile-use on interiorscapes, landscapes, nurseries, greenhouses, orchards and field crops.
4. Controls the adult and eggs of the most common insect problems.
5. No known build-up of insect resistance.
6. No post-harvest restriction.
7. Recommended for Integrated Pest Management Programs.



Typical Properties	ASTM Method	SUNSPRAY UFSO
Viscosity, cSt @ 40° C	D445	10.86
Viscosity, SUS @ 100° F	D2161	65
Flash, COC, °C (° F)	D92	174 (345)
Pour Point °C (° F)	D5950	-15 (+5)
Color	D1500	0.5
Gravity, API	D1250	34.6
Density @ 15° C, kg/dm ³	D4052	0.8515
Pounds/Gallon	D1250	7.09
Distillation	D1160@10mm Hg	
50% Point °C (° F)		212 (414*)
10% - 90% Range °C (° F)		36 (65)
Unsulfonated Residue (UR) <small>UR on neat oil used to formulate emulsifiable oil</small>	D483	93
Emulsion Test	J115	PASS
EPA Registration No.		86330-11

* +/- 10° F

Availability

SunSpray Ultra-Fine Spray Oil is available in 2 x 2.5 and 55 gallon concentrate (consult label for proper dilution).

 **HOLLYFRONTIER®**
LUBRICANTS & SPECIALTY PRODUCTS

www.HollyFrontierLSP.com



SunSpray Ultra-Fine Spray Oil offers one of the widest ranges of protection!

USES FOR CROPS	INSECT CONTROL		
ALMONDS	• Fruit Tree Leaf Roller (<i>Eggs</i>) • San Jose Scale • Mites	• Scales • Aphid (<i>Eggs</i>) • Tent Caterpillars	
APPLES	• Aphid (<i>Eggs</i>) • Apple Red Bug • Fruit Tree Leaf Roller (<i>Eggs</i>)	• Mite (<i>Eggs</i>) including European Red Mite • Scales (<i>Hard & Soft</i>) • Scurfy Scale	
APRICOTS	• Aphid (<i>Eggs</i>) • Fruit Tree Leaf Roller (<i>Eggs</i>) • San Jose Scale	• Mites • Scales • Tent Caterpillars	
AVOCADO (HAAS ONLY) AND MANGOS	• Aphids • Mealybugs	• Mites • Scales	• Whitefly
BANANAS/ PLANTAINS	• Yellow Sigatoka Disease • Loosens Sooty Mold	• Aphids • Mealybugs	• Scales • Whitefly
BLUEBERRIES	• Mites • Scales	• Thrips • Sawfly (<i>Eggs</i>)	
CANEberries	• Aphids • Leafhoppers	• Mites • Whitefly	• Psyllid
CHERRIES	• Aphid (<i>Eggs</i>) • Fruit Tree Leaf Roller (<i>Eggs</i>) • San Jose Scale	• Mites • Scales • Tent Caterpillars	
CRANBERRIES	• Leafhoppers	• Scales	• Mites
FIELD CROPS <i>(as listed on the label)</i>	• Aphids • Mites	• Leafminers • Corn Earworm	• Rootworm • Whitefly
FIGS	• Scales	• Mites	• Mealybugs
GRAPES	• Mealybugs • Mites	• Leafhoppers • Powdery Mildew	
LEMONS & GRAPEFRUIT Navel & VALENCIA, ORANGES, OTHER CITRUS VARIETIES INCLUDING NON-BEARING	• Mites including Rust Mite and Spider Mite • Scales including California Red Scale and Black Scale • Whitefly • Blackfly • Sooty Mold		
NECTARINES	• Fruit Tree Leaf Roller (<i>Eggs</i>) • Mite (<i>Eggs</i>) • Peach Twig Borer (<i>Hibernaculæ</i>) • Cottony Peach Scale	• San Jose Scale • Mites • Scales • Aphid (<i>Eggs</i>)	
OLIVES	• Scales		
PECANS	• Aphid (<i>Eggs</i>) • Scales	• Mite (<i>Eggs</i>) • Aphids	• Mites
PEACHES	• Mite (<i>Eggs</i>) • Mites • Fruit Tree Leaf Roller (<i>Eggs</i>) • Peach Twig Borer (<i>Hibernaculæ</i>)	• Scales • Aphids (<i>Eggs</i>) • Cottony Peach Scale • San Jose Scale	
PEARS	• European Red Mite Eggs • Pear Leaf Blister Mite & Eggs • Pear Psylla • Scales • Fruit Tree Leaf Roller Eggs	• Brown Mite • Two-spotted Spider Mite • Pear Rust Mite • Thrips	
PERSIMMONS	• Leafrollers	• Scales	• Book Lice (<i>psocids</i>)
PLUMS	• Aphid (<i>Eggs</i>) • Scales • Peach Tree Borer (<i>Hibernaculæ</i>)	• Mite (<i>Eggs</i>) • Mites	
PRUNES	• Aphid (<i>Eggs</i>) • Scales • Peach Tree Borer (<i>Hibernaculæ</i>)	• Mite (<i>Eggs</i>) • Mites	
STRAWBERRIES	• Aphids	• Mites	
VEGETABLES <i>(as listed on the label)</i>	• Aphids • Mites • Beetle Larvae	• Leafminers • Thrips • Leafhoppers	• Whitefly
WALNUTS	• Aphids (<i>Eggs</i>) • Scales	• Mites (<i>Eggs</i>) • Mites	

USES FOR TREES & SHRUBS	INSECT CONTROL	
CHRISTMAS TREES	• Aphids • Adelgids • Scale (<i>Soft & Hard</i>) (<i>Immature</i>)	• Spider Mites
FLOWERING & FOLIAGE PLANTS INCLUDING ROSES AND OTHER FLOWERING SHRUBS.	• Aphids • Adelgids • Eriophid Mites • Gall Mites • Honey Locust Plant Bug • Lace Bug • Leaf Beetle Larvae • Leafminer • Leafrollers	• Mealybugs • Psyllids (<i>Immature</i>) • Sawfly Larvae • Scales (<i>Immature</i>) • Spider Mites • Thrips • Webworms • Whiteflies
GREENHOUSE PLANTS <i>(as listed on the label)</i>	• Aphids • Fungus Gnats • Leafminers • Mealybugs	• Scales (<i>Hard & Soft</i>) • Spider Mites • Thrips • Whitefly
INTERIORESCAPE PLANTS <i>(as listed on the label)</i>	• Aphids • Leafminers	• Mealybugs • Scales
ORNAMENTAL TREES AND SHRUBS INCLUDING: <i>Conifers</i> <i>Woody Ornamentals</i> <i>Deciduous and Broadleaf Evergreens</i>	• Aphids • Adelgids • Eriophid mites • Gall mites • Honey Locust Plant Bug • Lace Bug • Leaf Beetle Larvae • Leafminer • Leafrollers	• Mealybugs • Psyllids (<i>Immature</i>) • Sawfly Larvae • Scales (<i>Immature</i>) • Spider Mites • Thrips • Webworms • Whiteflies

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