



## HORTICULTURE OIL SPRAYS

Horticultural oil sprays control pests such as adelgids, aphids, cankerworms, leafhoppers, leafrollers, leaf tiers, mealybugs, mites, mosquitoes, psyllids, scales, tent caterpillars and webworms. Horticultural oils kill the overwintering pests and eggs that cling to stems on woody plants, trees, and shrubs.

Most of the horticultural oils used today are highly refined petroleum products. They work by smothering the insects, having less of an impact on us and other animals than chemical pesticides that poison insects.

When applying oils, the key is making sure plants are well watered and the relative humidity is low to moderate (45% to 60%) so the oil will evaporate quickly from the leaves. Water the plants before spraying. Spray in the early morning or on cloudy days when it is cooler to reduce the possibility of leaf damage.

Formerly, oil sprays were all called dormant oils because they could only be used during the plant's dormant stage. Now many products are more refined and can be used on plants during the growing season.

Product Name	Pests Killed
Black Leaf Dormant Spray	Mealybugs, mites, scales, spider mites, whiteflies
Bonide All Seasons	Mites, beetle larvae, earworms, leafhoppers, mealybugs, scales, caterpillars, thrips, whiteflies
Bonide Oil and Lime Sulphur Spray	mealybugs, mites, larvae, leafhoppers, scales
Green Thumb Dormant Oil Spray	Mealybugs, mites, moths, scales, spider mites, whiteflies
Lilly Miller Superior Type Spray Oil	Red spider mites on fruit and shade trees
Ortho Volck Oil Spray	Scale insects, mealybugs, whiteflies, red spider mites, lace bugs
Pratt Scalecide	Aphids, Cooley spruce gall adelgids, galls, fruit tree leafrollers, Lecanium scales, mites, pear blister mites, pear psylla, scales
SunSpray Ultra-Fine Oil	Aphids, mites, beetle larvae, corn earworms, leaf miners, leafhoppers, mealybugs, scales, tent caterpillars, thrips, whiteflies