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Airaxo™: A Key Tool for Resistance Management in Greenhouses and Nurseries

What is Airaxo

Airaxo insecticide contains the active ingredient flonicamid, which causes rapid secession of feeding by piercing-sucking insects such as aphids, thrips, whiteflies, mealybugs, and scales. Formulated in a water dispersible granule, Airaxo works through both contact and systemic activity to provide long-lasting residual control. Airaxo is labeled for use on ornamental plants in greenhouses, nurseries, interiorscapes, and landscapes.

Best Uses

The active ingredient in Airaxo, flonicamid, is unique in several ways. It is the only active ingredient classified in IRAC group 29 and has no known resistance among key economic pests nor cross-resistance with other chemistries such as neonicotinoids and pyrethroids. It also is one of a few non-neonicotinoid insecticides to have systemic activity, moving within the plant’s vascular system to protect new growth. Airaxo works by stopping the feeding of piercing-sucking insects within one hour of exposure, leading to mortality soon after. It has excellent residual activity, with control lasting 28 days or more. Along with its quick efficacy and novel mode of action, Airaxo is extremely gentle on most beneficial organisms, predatory mites, and honeybees, making it an ideal component of an effective IPM program. For growers with a history of resistant pest populations and those looking to complement the use of beneficial insects, Airaxo™ is a key tool to manage insect pests of economic importance, especially aphids, whiteflies, and thrips.

Example Rotations

Western Flower Thrips

Product	Active Ingredient	IRAC Group #
Airaxo	flonicamid	29
Conserve® SC	spinosad	5
Piston™*	chlorfenapyr	13

*Piston is labeled for use in greenhouses only

Whiteflies

Product	Active Ingredient	IRAC Group #
Airaxo	flonicamid	29
Fervid™	abamectin	6
Atrevia™ 3.0% SL	azadirachtin	UN

Aphids

Product	Active Ingredient	IRAC Group #
Airaxo	flonicamid	29
Devenir™	pymetrozine	9B
Atrevia™ 3.0% SL	azadirachtin	UN



Figure 1. Multiple life stages of aphids on Helleborus.