



Fast, Easy and Effective

Simpell Insecticide has potent and broad activity against a variety of pests including some that are traditionally hardest to control and prone to resistance. The active ingredient in Simpell, spinosad, is biologically derived and soft on beneficial insects and other non-target species. Its unique mode of action delivers a useful integrated pest management tool and resistance management solution in your defense against caterpillars, thrips, mites, beetles, annual bluegrass weevil (ABW), fleas, leafminers and more.

COMPETITIVE ADVANTAGES

- Broad spectrum control of foliar pests, working on contact and when ingested
- Fast and effective, feeding stops within minutes and death typically occurs within 1 – 3 days
- Effective on tough-to-control insects such as spider mites, thrips and leafminers
- Soft on beneficial insects and non-target species
- Effective resistance management tool with a unique MOA
- Low odor and degrades rapidly in the environment
- Bio-rational product
- Convenient liquid formulation
- Up to two weeks of control
- Excellent economic value
- OMRI listing pending

AT-A-GLANCE INFO

EPA REG. NO.	228-767
ACTIVE INGR.	spinosad 22.5% (2 lb/gal)
FORMULATION	suspension concentrate
CHEM. FAMILY	spinosyn A & D
IRAC NO.	5
SIGNAL WORD	caution
REI	4 hours
PACKAGE SIZE	4 x 1 qt, 4 x 1 gal



KEY USES

(See product label for complete list)

Woody and herbaceous ornamentals in
greenhouses and nurseries
Tree farms
Turfgrass

KEY PESTS CONTROLLED

(See product label for complete list)

GREENHOUSE & NURSERY PESTS

Gall midges
Leafminers
Lepidoptera (larvae)
Mites
Sawfly (larvae)
Thrips

TURFGRASS PESTS

Annual bluegrass
weevil (ABW)
Black turfgrass
ataenius (BTA adults)
Caterpillars:
armyworm,
cutworm, sod
webworm, tropical
sod webworm

USE SUMMARY

Treat insect pests when young, small, and most vulnerable. Delay watering or mowing for 12 - 24 hours following application.

Applications for fall armyworms during the early morning or late afternoon can maximize control. Black cutworm, sod webworm, and tropical sod webworm larvae applications during the late afternoon or early evening can maximize control.

Simpell stops annual bluegrass weevil larvae feeding immediately and controls all instar stages, including 1st & 2nd instars in the plant. To control pyrrhoid-resistant ABW larvae use Simpell as a bio-rotational product to help with resistance management.

APPLICATION RATES

ORNAMENTALS (HERBACEOUS AND WOODY)	FL OZ/GAL	FL OZ/100 GAL
Leaf feeding beetles, lepidopterous larvae, European grapevine moth, sawfly larvae, thrips (exposed) in greenhouse settings	0.03 (0.89 ml)	3 (88.5 ml)
Gall midges, thrips (exposed) in outdoor settings	0.05 (1.48 ml)	5.5 (162.7 ml)
Leafminers, Lewis mites, Nantucket pine tip moth, spider mites	0.1 (2.96 ml)	11 (325.3 ml)

TURFGRASS	FL OZ/1,000 SQ FT	FL OZ/A
Armyworm (small larvae), sod webworm (including tropical)	0.13	5
Cutworm (small larvae)	0.4	18
Annual bluegrass weevil, armyworm (heavy infestations and large larvae), black turfgrass ataenius (adults), cutworm (large larvae)	0.6	26