

DISCUS® N/G

Insecticide



FOR BROAD-SPECTRUM FOLIAR AND SYSTEMIC INSECT CONTROL ON ORNAMENTALS, NON-BEARING FRUIT AND NUT TREES, IN THE GREENHOUSE, FIELD AND CONTAINER NURSERIES AND INTERIOR PLANTSCAPES.

Product Information Bulletin

455

GENERAL INFORMATION

Discus® N/G is a greenhouse and nursery insecticide that controls a broad spectrum of insects. **Discus N/G** can be used on all ornamental plant material and offers long term residual control. **Discus N/G** may be used as a foliar spray or as a drench application.

Common Name: Imidacloprid plus Cyfluthrin

Class: Neonicotinoid plus Pyrethroid

GROUP	3 + 4a	INSECTICIDE
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EPA Registration Number: 432-1393-59807

Packaging: 1 gallon containers, 4 per case

RESTRICTED ENTRY INTERVAL (REI) AND SIGNAL WORD

REI = **12 hours**

Signal Word = **CAUTION**

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicator and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material such as barrier laminate or viton
- Shoes plus socks

ADVANTAGES OF DISCUS N/G

- Long term residual control as a spray or drench
- Translaminar activity as a spray
- Broad labeling for both plants and insects
- Low odor
- Labeled for use through chemigation
- Fast knockdown
- Rain-fast within 2 hours as a foliar spray

APPLICATION RATES

Discus N/G may be applied in field and container nurseries, greenhouses, and interior plantscapes as a drench or foliar spray. Banded field or broadcast applications provide season long control of white grub larvae such as: Japanese beetle, Oriental beetle, chafer complex and other nursery insect pests. Foliar or drench applications in greenhouse control pests such as: aphids, whiteflies, and mealybugs. **Discus N/G** may be used through chemigation systems. The addition of a surfactant may enhance product performance.

- **Foliar Rate:** 25 - 50 fl.oz. per 100 gallons of water
- **Soil Rate:** 1.14 - 1.91 gallons per acre

INSECTS CONTROLLED

Adelgids	Mealybugs
Aphids	Psyllids
Armored Scale (Suppression)	Root Mealybug
Borers	Root Weevil Complex
Chafer Complex	Royal Palm Bugs
Japanese Beetles	Sawfly Larvae
Lacebugs	Soft Scale
Leafhoppers	Whiteflies
(including glassy winged sharp shooter)	

See label for complete list of insects controlled.

TANK MIXING

Discus N/G is compatible with all commonly used fungicides, miticides, liquid fertilizers and other insecticides. Check physical compatibility using the correct proportion of products in a small jar if local experience is unavailable.

RESISTANCE MANAGEMENT

When applying insecticides, one should always focus on resistance management. Do not rely on one insecticide, combination of insecticides, or related insecticide classes. When labels permit, make 2 or 3 applications of an insecticide in sequence, then rotate to products with different modes of action. Try to avoid applying the same insecticide to more than one generation of the pest.

DISCUS N/G FOLIAR APPLICATIONS in NURSERIES and GREENHOUSES

Pest		Dosage	Remarks
Adelgids	Scale Insects	25 to 50 fl. oz. per 100 gallons of water	Reapply at 14 to 28 day intervals as needed.
Aphids	Thrips (suppression)		
Leafhoppers	Weevil Complex		
Leafminers	Caterpillars		
Mealybugs	Many more...		

DISCUS N/G SOIL APPLICATIONS

Pest	Dosage	Remarks
Japanese Beetle Masked Chafer European Chafer Oriental Beetle Asiatic Garden Beetle	3.4 to 5.6 fl. oz. or 1.14 to 1.91 gal. per acre	Apply as a uniform band on either side of the row using a band width six (6) inches wider than the actual root ball diameter to be dug. Do not allow bands in adjacent rows to overlap.

DISCUS N/G RECOMMENDED DRENCH APPLICATIONS

Pest	Use Pattern		Dosage		Remarks
	Plants in Containers	Herbaceous Species	Container size (inches)	No. pots treated with 14 fl. oz. (385 mL)	
Adelgids	Plants in Containers	Herbaceous Species	2	3000	Use sufficient volume to wet most of the potting medium without loss of liquid from the bottom of the container. Apply according to label directions. Follow application with moderate irrigation. Irrigate carefully during the next 10 days in order to avoid loss of active ingredient due to leaching.
Aphids			3	2000	
Fungus Gnats (larvae only)			4	1500	
Japanese Beetles (adults)			5	1200	
Lacebugs			6	1000	
Leaf beetles (including elm and viburnum leaf beetles)			7	850	
Leafhoppers (including glassy-winged sharpshooter)			8	750	
			9	675	
			10	600	
			11	550	
			12	500	
Leafminers			Woody Perennials		
Mealybugs	3	1350			
Psyllids	4	1000			
Root mealybugs	5	800			
Root Weevil Complex (Such as Aopka Weevil, Black Vine Weevil, Citrus Root Weevil)	6	650			
	7	550			
	8	500			
	9	450			
	10	400			
	11	350			
	12	300			
Soft Scale					
Thrips (suppression)					
Whiteflies					

NOTE: Consult label for complete application instructions. (Read and follow all restrictions on the label affixed to the container for **Discus N/G** before applying.)
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