

DISCUS[®] TABLETS

INSECTICIDE



FOR LONG TERM CONTROL OF PIERCING, SUCKING, AND SOME CHEWING INSECTS ON ORNAMENTALS GROWN IN THE GREENHOUSE AND NURSERY.

Product Information Bulletin 456

GENERAL INFORMATION

Discus[®] Tablets are a novel formulation of the proven insecticide imidacloprid plus fertilizer (12-9-4) in an easy to apply tablet formulation. **Discus Tablets** provide long term control of piercing, sucking, and some chewing insects in high-value greenhouse and nursery crops, thereby enhancing plant quality and value while minimizing labor requirements.

Common Name: Imidacloprid plus fertilizer

Class: Neonicotinoid

GROUP	4a	INSECTICIDE
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EPA Registration Number: 432-1457-59807

Packaging: 1,200 tablets in a wide-mouthed, re-sealable plastic container, 4 containers 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 TABLETS

- **Unique delivery system to the root zone for extended protection and improved plant health**
- **Eliminates numerous sprays and saves labor**
- **Long term residual control**
- **Systemic activity**
- **Broad labeling for both plants and insects**
- **Fertilizer charge for added uptake and enhanced plant quality**
- **Each watering releases a dose of insecticide and plant nutrients**



USE SITES

Discus Tablets may be applied to ornamentals and non-bearing fruit and nut crops grown in field and container nurseries and greenhouses.

INSECTS CONTROLLED

Adelgids	Leafminers
Aphids	Mealybugs
Armored scales (suppression)	Pine tip moth larvae
Black vine weevil larvae	Psyllids
Flatheaded borers (excluding emerald ash borer)	Roundheaded borers (excluding Asian long-horned beetle)
Japanese beetle adults	Royal palm bugs
Lace bugs	Sawfly larvae
Leaf beetles	Soft scales
Leafhoppers (including glassy-winged sharpshooter)	Thrips (foliage only)
	White grub larvae
	Whiteflies

See label for complete list of insects controlled.

HOW TO APPLY:

In containers, **Discus Tablets** should penetrate the media approximately 2 to 4 inches down and generally 1/3 to 1/2 distance from plant to container rim. Water moderately for first 3 to 5 days.

In field crops, **Discus Tablets** should be placed approximately 4 to 8 inches from the base of newly planted whips, trees or ornamentals. Placement should penetrate the media approximately 2 to 4 inches down.

Do not exceed more than 450 tablets per acre.

DISCUS TABLETS RECOMMENDED APPLICATIONS

Nursery and Greenhouse

Crop	Pest	Container size (inches)	Dose (# tablets per pot)
Trees and Shrubs (including non-bearing fruit and nut trees) in containers or in containers prior to planting, during or after planting	Adelgids	< 1 gallon	1
	Aphids	1 gallon	1-2
	Armored scales (suppression)	3 gallon	2-3
	Black vine weevil larvae	5 gallon	3-4
	Flatheaded borers (excluding emerald ash borer)	7 gallon	4-5
	Japanese beetle adults	10 gallon	5-7
	Lace bugs	Large containers, or spaded, balled and burlaped and pot-in-pot ornamentals	2-3 tablets per inch of trunk diameter or per foot of shrub height
	Leaf beetles		
	Leafhoppers (including glassy-winged sharpshooter)		
	Leafminers		
	Mealybugs		
	Pine tip moth larvae		
	Psyllids		
	Roundheaded borers (excluding Asian longhorned beetle)		
	Royal palm bugs		
	Sawfly larvae		
	Soft scales		
	Thrips (foliage only)		
	White grub larvae		
	Whiteflies		

Discus Tablets FAQ's

1. What are Discus Tablets?

- a. **Discus Tablets** are a novel combination of imidacloprid plus fertilizer combined in a tablet form to deliver long term control of piercing, sucking, and some chewing insects on high value plants.

2. How much fertilizer is in Discus Tablets?

- a. They contain (12-9-4) N-P-K plus trace micronutrients.

3. Why is fertilizer included?

- a. The imidacloprid is formulated with the fertilizer because research has shown more rapid uptake of imidacloprid with fertilizer.

4. Will this supply all of the plant's nutrient needs or should I continue with my normal fertilizer program?

- a. While the fertilizer in the tablets will supply nutrients to the plant it will not be a significant portion of the plant nutrient needs. Growers should continue with their normal fertility practices.

5. Since they are called Discus Tablets, do they contain cyfluthrin as in Discus N/G?

- a. No, the Discus name indicates a combination of imidacloprid plus another component-Discus N/G is a novel combination of imidacloprid + cyfluthrin, **Discus Tablets** are a novel combination of imidacloprid plus fertilizer.

6. What use sites are on the Discus Tablets label?

- a. **Discus Tablets** are labeled for use in greenhouse and field and container nursery applications.

7. How long can I expect control of piercing, sucking, and some chewing insects?

- a. Breakdown and release of the tablet is dependent on moisture and soil temperatures, but activity generally begins within two weeks.

8. How long will Discus Tablets control?

- a. Field tests have demonstrated control lasting 1 to 2 years.

9. On which crops should I use Discus Tablets?

- a. On any higher value plant material that will benefit from long term control of piercing, sucking, and some chewing insects and in cases where the grower wants to reduce labor and increase plant quality by avoiding insect damage.

10. How many tablets do I use?

- a. The greenhouse and nursery container crop rates start at 1 tablet for a 1 gallon pot up to 5 to 7 tablets for a 10 gallon pot. For field grown crops, see the label for specific rates.

11. When do I apply Discus Tablets?

- a. **Discus Tablets** can be applied anytime. The most efficient method is to incorporate them during initial potting or shifting up to a larger container.

12. How will Discus Tablets be packaged?

- a. They are packaged in a 1,200 tablet, wide-mouthed, resealable plastic container with 4 containers per case.

NOTE: Consult label for complete application instructions. (Read and follow all restrictions on the label affixed to the container for **Discus Tablets** before applying.) Discus is a registered trademark of OHP, Inc.



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