PRADIA®
Greenhouse and Nursery Insecticide

FOR BROAD-SPECTRUM INSECT CONTROL ON ORNAMENTALS IN THE GREENHOUSE AND NURSERY

Product Information Bulletin 643

GENERAL INFORMATION
PRADIA® is a combination of two unique insecticides providing both contact and systemic activity, quick knockdown of insect pests and 3 to 4 weeks of residual activity. PRADIA contains cyclaniliprole and flonicamid in a soluble concentrate formulation used as a foliar spray or spray.

Common Name: cyclaniliprole and flonicamid
Class: Anthranilic diamide (MOA 28) and Pyridine carboxamides (MOA 29)

GROUP 28 INSECTICIDE
GROUP 29 INSECTICIDE

Packaging: Quart (32 fl. oz.) container, 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 waterproof material (such as, barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton)
- Sock and shoes

ADVANTAGES OF PRADIA
- Translaminar and upward systemic activity
- Unique MOA combination (28 & 29)
- Controls chewing and sucking insects
- Excellent residual control
- Neonicotinoid and pyrethroid alternative

MODE OF ACTION
PRADIA is both a contact and systemic insecticide affecting the nerve and muscle systems.

USE SITES
PRADIA is for broad-spectrum control of insect pests on ornamentals in the greenhouse and nursery.

INSECTS CONTROLLED
Insects included are (but not limited to):
- Adelgids
- Aphids
- Armyworms
- Flea Beetles
- Japanese Beetles
- Lace Bugs
- Leafminers
- Leafrollers
- Loopers
- Mealybugs
- Midges
- Plant Bugs
- Psyllids
- Soft Scales
- Thrips
- Whiteflies

APPLICATION RATES
PRADIA rates range from 10 to 17.5 fl. oz. per 100 gallons depending on the target pest. Refer to the label for specific rates.

TANK MIXING
PRADIA has been found to be compatible with all commonly used fungicides, miticides, liquid fertilizers, and other insecticides. It is recommended, however, to check compatibility if local experience is not available. The use of a high-quality adjuvant at a rate of 0.025% to 0.1% on a volume to volume basis may improve performance.

RESISTANCE MANAGEMENT
Some insect pests are known to develop resistance to products used repeatedly for insect control. CYCLANILIPROLE is an anthranilic diamide in IRAC Group 28 with the mode/target site of action being Ryanodine receptor modulation. FLONICAMID is a Group 29 (selective feeding blocker) and controls target pests by contact and ingestion provoking rapid and irreversible feeding cessation. An insect pest
management program that includes alternation or tank mixes between PRADIA and other labeled insecticides that have a different mode of action and/or control insect pests not controlled with PRADIA is essential to prevent insecticide resistant insect pest populations from developing. PRADIA should not be utilized continuously nor tank mixed with insecticides that have shown to have developed insecticide resistance to the target insect pest.

Use of Pradia according to the labeling is subject to the use precautions and limitations imposed by the label affixed to the container of Pradia. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Always read product label prior to product use.

Pradia is a trademark of Ishihara Sangyo Kaisha, Ltd.

**Whitefly on Poinsettia**

(Luis Cañas, Ohio State University, 2018)

<table>
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<tr>
<th>Days after application</th>
<th>Untreated</th>
<th>Pradia 13.5 fl. oz.</th>
<th>Mainspring 8 fl. oz.</th>
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<td>35</td>
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**Control of Western Flower Thrips on Gerbera** (Cloyd 2017)

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<tr>
<th>Percent Mortality of Adult WFT</th>
<th>Pradia 11.7 fl. oz.</th>
<th>Mainspring 4 fl. oz.</th>
<th>Mainspring 8 fl. oz.</th>
<th>Water (check)</th>
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Treatments per 100 gallons, applied March 9, data recorded March 15 – 6 days