

Total Release Insecticides



Save Time, Save Labor, Save Color.

Total Release is the perfect pest control solution that really pays off at critical crop times. **Total Release** gives you a fast and easy way to control pest populations so you can get on with your business schedule, not spray schedule.

- Total Release provides effective control of a broad range of insect and mite pests overnight.
- Total Release manages pests, time and labor throughout the growing season or during the year when there is just not enough time in a day.
- Total Release offers pest control and peace of mind on almost all crops and stages including blooms and plant color, even poinsettia bracts. (Discontinue the use of **Preclude**® IGR on poinsettias once bract formation begins.)
- Total Release can be used all season long, rotated with traditional wet spray, or added as a supplement to ULV programs to treat the entire facility in one night.

Pests Controlled

Total Release pest control solutions effectively control a broad spectrum of pests including:

- Aphids
- Fungus Gnats
- Leafminers
- Mealybugs
- Mites
- Scale
- Thrips
- Whiteflies
- And More

Check each individual label for a list of pests controlled.



Attain® TR

Micro Total Release Insecticide

Active Ingredient: Bifenthrin

Chemical Class: Synthetic Pyrethroid

Duraplex® TR

Micro Total Release Insecticide

Active Ingredient: Chlorpyrifos, Cyfluthrin

Chemical Class: Organophosphate, Synthetic Pyrethroid

1300 Orthene® TR

Micro Total Release Insecticide

Active Ingredient: Acephate

Chemical Class: Organophosphate

Preclude TR

Micro Total Release Insecticide

Active Ingredient: Fenoxycarb

Chemical Class: Insect Growth Regulator (IGR)

Pyrethrum TR

Micro Total Release Insecticide

Active Ingredient: Pyrethrins

Chemical Class: Botanical Pyrethrin

Tame®/Orthene TR

Total Release Insecticide

Active Ingredient: Fenpropathrin, Acephate

Chemical Class: Synthetic Pyrethroid, Organophosphate

Keys to Success

Once you decide which **Total Release** product(s) and rates to use, follow these guidelines to maximize your application and results.

- Use rates – each **Total Release** canister is designed to cover a square foot range. For example, one canister of **Attain** will cover 1,500 to 3,000 square feet. As a general rule, choose the lower rate for a single level of crop (floor or bench) and the higher rate for more than one level of crop (bench and baskets).
- Make sure the can temperature is at greenhouse temperature.
- Close all vents and doors.
- Shake cans well before activating.
- Place canisters at or just above the crop canopy.
- Shut down HAF fans just before or just after activating canisters. HAF should remain off for a minimum of three hours or all night.
- Start your REI clock.

To save even more time, include one or more of these **Total Release** rotations into your pest control strategy.

Space-mixing **Preclude IGR** with a **Total Release** adulticide early and mid-season will provide better population control of insects over the long term. Use the recommended label rate of each active ingredient in the area to be treated.

Early and Mid-Season Rotation Plans

Thrips Special – Controls thrips, aphids, fungus gnat adults and shore fly adults

Day 1 – **Duraplex** + **Preclude IGR**

Day 7 – **Duraplex**

Day 14 – **Duraplex** + **Preclude IGR**

The Kitchen Sink, Big on Whiteflies and

Everything – Controls whiteflies, thrips, aphids, fungus gnat adults, loopers, mites, mealybugs

Day 1 – **Tame/Orthene** + **Preclude IGR**

Day 7 – **Tame/Orthene**

Day 14 – **Tame/Orthene** + **Preclude IGR**

Hit and Run – Controls whiteflies, thrips, fungus gnat adults, mites, etc.

Day 1 – **Attain** + **Preclude IGR**

Day 7 – **Attain**

Day 14 – **Attain** + **Preclude IGR**

Late-Season Rotation Plans

Sleep Easy – Get rid of whiteflies, visible residues and water damage on poinsettias

Day 1 – **Tame/Orthene**

Day 7 – **Tame/Orthene**

Day 14 – **Tame/Orthene**

Spray and Ship Blooms

Day 1 – **Attain**

Day 7 – **Attain**

Day 14 – **Attain**



Always read and follow label directions.

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