

Pedestal®

NOVALURON INSECTICIDE

10% SUSPENSION CONCENTRATE INSECT GROWTH REGULATOR FOR CONTROL OF
INSECT PESTS ON CONTAINER AND FIELD GROWN ORNAMENTALS IN GREENHOUSES,
SHADEHOUSES, AND NURSERIES AND TOMATOES IN GREENHOUSES

**Net
contents:**

Active Ingredient: (% by weight)

Novaluron: 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoro-methoxyethoxy)
phenyl]- 3-(2,6-difluorobenzoyl)urea* 10.0%

Inert Ingredients: 90.0%

Total: 100.0%

*Contains 0.83 lbs. novaluron per gallon.

Contains petroleum distillate.

KEEP OUT OF REACH OF CHILDREN

CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a
usted en detalle. (If you do not understand the label, find someone to explain
it to you in detail.)

FIRST AID	
IF SWALLOWED	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
IF ON SKIN OR ON CLOTHING	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 - 20 minutes.• Call a poison control center or doctor for treatment advice.
IF IN EYES	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
IF INHALED	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration preferably mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice.
NOTE TO PHYSICIAN: This product may pose an aspiration pneumonia hazard as it contains petroleum distillate.	
EMERGENCY ASSISTANCE: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
MEDICAL EMERGENCY	800-292-5898
TRANSPORTATION EMERGENCY (CHEMTREC)	800-424-9300
PRODUCT SAFETY DATA	800-423-8569
For PRODUCT USE INFORMATION: Call 800-423-8569	

Product of Israel

Distributed by:
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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear: Long-sleeved shirt and long pants; chemical resistant gloves such as barrier laminate, nitrile rubber, neoprene rubber, or Viton; Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide may be toxic to fish and invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate. This product may contaminate water through drift of spray in wind. This product has a potential for runoff for several days to weeks after application. Poorly draining soil with shallow water tables is more prone to produce runoff. A level, well maintained vegetative (grass) buffer strip between areas to which this product is applied and the surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Sound erosion control practices will reduce this product's contribution to surface water contamination.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls over long-sleeved shirt and long pants
- Chemical resistant gloves such as barrier laminate, nitrile rubber, neoprene rubber, or Viton
- Shoes plus socks

USE INFORMATION

Pedestal provides an effective means for controlling whiteflies, thrips, leafminers, armyworms and certain other foliar feeding insects on container and field grown ornamentals in greenhouses, shadehouses and nurseries, in addition to controlling tomato fruitworm, tomato hornworm, tomato pinworm, loopers and armyworms on tomatoes grown in greenhouses. Pedestal is applied as a foliar spray to control immature stages of the target pests. For best results, read all directions and recommendations thoroughly. Consult your local agricultural specialist for the spray schedule best suited to your conditions.

When an adjuvant is to be used with this product, ADAMA Agricultural Solutions, Ltd. suggests the use of a Chemical Producers and Distributors Association certified adjuvant.

CHEMIGATION STATEMENT: Do not apply this product through any type of irrigation system.

NOTE: The compatibility of Pedestal with concurrent releases of all insects used for biocontrol of plant pests has not been fully established. When used as directed, Pedestal affects developing immature stages of insects by disrupting the molting process. Consequently, fully developed adult stages of pest and beneficial species are not affected.

MIXING INSTRUCTIONS: Prepare solution concentrations in a clean, empty spray tank. Use clean spray filters. Add water to 1/3 level of tank. Add the appropriate amount of Pedestal to the tank and agitate to insure proper mixture. Continue filling tank with water until desired dilution is achieved. Shake or re-agitate spray tank before use if application is interrupted. Make up only the amount of application volume as required. Dispose of any unused spray material at the end of each day according to the instructions found in the STORAGE AND DISPOSAL section of this label.

TANK MIXING: Pedestal may also be used in tank mixtures. Test compatibility of the intended tank mixture before adding Pedestal to the spray or tank mix. Add proportionate amounts of each ingredient to a pint or quart jar, cap, shake, and let set 15 minutes. Formation of precipitates that do not readily redisperse indicates an incompatible mixture that can not be used. Add other products in the following order: water-soluble bags, wettable powders, dry flowables, liquid flowables, emulsifiable concentrates, and soluble materials such as fertilizers. If tank mixing with other products, especially soluble fertilizers containing nitrogen or boron, allow products packed in water soluble bags to dissolve first. Read and follow label directions of all products used in the tank mix before using. When tank mixing, always read all individual manufacturers' labels. In interpreting all labels for the tank mix, the most restrictive situations must apply. Tank mixtures are permitted only in those states where the tank mix partner is registered.

SPRAY COVERAGE: All parts of the crop must receive uniform spray coverage to achieve desired results. Consult your local agricultural specialist for specific information on the best rates, timings, and spray volumes for your region.

Pedestal is an insect growth regulator for control of certain foliar insect pests on ornamentals grown in greenhouses, shadehouses and outdoor nurseries, as well as tomatoes grown in greenhouses. The primary mode of action is by disrupting cuticle formation and deposition occurring when insects change from one developmental stage to another resulting in death at molting. Due to this mode of action, Pedestal has no effect on adult stages of insects that have completed all of the successive molts through larval or nymphal stages of development.

APPLICATION INSTRUCTIONS: Apply by compressed air, hydraulic, groundboom, or handheld sprayers. Do not apply with high volume airblast sprayers or by aircraft. Minimize drift and movement to non-target areas by directing spray to foliage.

FOLIAR FEEDING AND SUCKING INSECTS CONTROLLED BY PEDESTAL:

Armyworms, such as:

Beet Armyworm	Lawn Armyworm	Yellow Striped Armyworm
Fall Armyworm	Southern Armyworm	

Leafminers (suppression only), such as:

Citrus Leafminer	Serpentine Leafminer
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Thrips*, such as:

Citrus Thrips	Flower Thrips	Chili Thrips
Western Flower Thrips	Melon Thrips	Gladiolus Thrips

Whiteflies*, such as:

Greenhouse Whitefly	Silverleaf Whitefly	Sweetpotato Whitefly
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Others, such as:

Loopers	Tomato Fruitworm	Tomato Hornworm
Tomato Pinworm	Foliage feeding caterpillars	
Plant Bugs/Lygus*	Stink bugs	

* immatures only

RESISTANCE MANAGEMENT: Pedestal is effective in controlling insect pests and minimizing the development of resistance when used in rotation with other insecticides in an IPM program. To reduce selection pressure for resistant pests:

- Use Pedestal in rotation with classes of insecticides with different modes of action.
- For management of pests with short life cycles such as whiteflies, do not use Pedestal more than once within each generation cycle.
- Always apply Pedestal at the required rates and according to the label directions. Do not use an application rate alone or in tank mixtures that is less than the minimum amount stated on the label.
- Use Pedestal as part of an insect management program that includes cultural and biological control where possible.
- Scout pest populations and begin Pedestal applications before the pest becomes established. Focus treatments on early immature stages for best results. For optimum control, thoroughly wet the undersides of leaves when whiteflies and thrips are present.

USE RESTRICTIONS:

- Do not make more than two (2) applications of Pedestal per crop per year.
- Do not apply more than 52 fl. oz. of Pedestal per acre per year per crop.
- Do not apply to poinsettias.
- Note: Do not apply to field grown ornamentals in the State of New York. Apply only to container grown ornamentals in greenhouses, shadehouses and nurseries.

PLANT TOLERANCE: Neither the manufacturer nor the seller has determined whether Pedestal can be used safely on all ornamental plants. Before any large-scale application, the user should determine the safety of Pedestal by testing a small number of the type of plants to be treated at the required rates and under the desired growing conditions. Observe the treated plants for symptoms of phytotoxicity, which may occur as chlorosis on sensitive plants. The user assumes all risks arising out of application to untested plants.

INSECTS CONTROLLED BY PEDESTAL IN TOMATO (GREENHOUSES)

Target Pests	Application Rates Fl. Oz. Per Acre	Application Timing
Armyworms Foliage feeding caterpillars Loopers Plant bugs/Lygus Stink bugs Thrips Tomato fruitworm Tomato hornworm Tomato pinworm Whiteflies	9 – 12	<p>Apply when the majority of the population is at egg hatch to the second instar. Apply in spray volume of 50-100 gallons per acre. Use higher rates and higher spray volumes when larvae are large, or foliage canopy is tall or dense. For the most effective control, scout greenhouses and apply spray in a timely manner.</p> <p>Reapplication on a 7 day interval may be required to protect fruit and foliage.</p> <p>Do not apply more than three applications per crop per season.</p> <p>Do not apply more than two applications against whiteflies or thrips per season.</p> <p>Do not apply more than 36 oz. per acre per season.</p> <p>Do not apply within one day of harvest.</p>

FOLIAR FEEDING AND SUCKING INSECTS CONTROLLED BY PEDESTAL IN ORNAMENTALS

Target Pests	Application Rates Fl. Oz. Per Acre	Application Timing
Armyworms Leafminers Lygus Thrips Whiteflies	6 – 8	<p>Apply when the majority of the population is at egg hatch to the second instar. Use higher rates and higher spray volumes when larvae are large, or foliage canopy is tall or dense. Reapplication on a 7 - 10 day interval or sooner may be required. For the most effective control, scout greenhouses and apply spray in a timely manner.</p> <p>When pest population pressure is high, use the higher label rates.</p> <p>Apply as a spray to the foliage through conventional spray equipment. One gallon of finished spray will treat 200 sq. ft. of greenhouse bench area.</p> <p>Do not make more than two (2) applications of Pedestal per crop per year.</p> <p>Do not apply more than 52 fl.oz. of Pedestal per acre per year and crop.</p> <p>Do not apply to poinsettias.</p>

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE STORAGE: Store in a dry, cool and ventilated space.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

Nonrefillable Container (five gallons or less): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Nonrefillable Container (greater than 5 gallons): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over on its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Refillable Container: Refillable container. Refill this container with novaluron only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning the container before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

WARRANTY STATEMENT

The seller warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of the seller. In no case shall the seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. In addition to the foregoing, no purchaser of this product (other than an end user) shall be entitled to any reimbursement for any loss suffered as a result of any suspension or cancellation of the registration for this product by the U.S. Environmental Protection Agency. Except as expressly provided herein, the seller makes no warranties, guarantees, or representations of any kind, either expressed or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at the seller's election, the replacement of this product.

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