

CAUTION

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



Provaunt[®]

Turf insecticide



ACTIVE CONSTITUENT: 200 g/kg INDOXACARB

GROUP	22A	INSECTICIDE
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A water-dispersible granular insecticide for the control of lepidopterous larvae, including armyworms, cutworms, sod webworms, bagworms, fall webworms, gypsy moth caterpillars, tent caterpillars, tussock moth caterpillars, yellownecked caterpillars, and ants (excluding fire, harvester, pharaoh, and carpenter), and other listed pests infesting landscape and recreational turf grass, including golf courses and landscape ornamentals.

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DIRECTIONS FOR USE

Read entire label before using this product. Syngenta will not be responsible for losses or damages resulting from the use of this product in any manner not specifically stated on this label or other labels or bulletins published by Syngenta. User assumes all risks associated with such non-specified use.

PRODUCT INFORMATION

Provaunt WDG is a water-dispersible granular insecticide that may be applied as a foliar or broadcast spray to control lepidopterous larvae, such as armyworms, cutworms, sod webworms, bagworms, fall webworms, gypsy moth caterpillars, tent caterpillars, tussock moth caterpillars, yellownecked caterpillars, and ants (excluding fire, harvester, pharaoh, and carpenter), and other listed pests on landscape and recreational turf grass, including golf courses and landscape ornamentals such as trees, shrubs, foliage plants, flowers, and non-bearing fruit and nut trees (i.e., trees that will not produce a raw agricultural commodity during the season of application).

RESTRAINTS

DO NOT apply with aircraft
DO NOT apply if rainfall is expected within 2 hours of application
DO NOT irrigate to the point of runoff for at least 3 days after application
DO NOT apply within 20 m upwind of water bodies
DO NOT apply this product through any form of irrigation system
 Wait a minimum of 7 days to retreat
 Keep people and pets away from treated areas until treatment has dried

MANDATORY NO-SPRAY ZONES

DO NOT apply if there are aquatic and wetland areas including aquacultural ponds, surface streams and rivers within 10 metres downwind from the application area.

METHODS OF APPLICATION

Provaunt WDG must be diluted with water before application.
 Provaunt WDG applications should target listed pests. Use sufficient water to obtain thorough, uniform coverage. Apply repeat applications after 7 days, if necessary.

Recreational Turfgrass and Landscape Areas

Sprayer Application Rates

Target Pest	Rate	Critical Comments
Caterpillars (Including armyworms, cutworms and sod webworms)	0.2 – 0.4 kg/ha	To ensure optimum control of lepidopterous larvae, delay watering (irrigation) and mowing for 24 hours after application unless instructed otherwise. If the grass area is being maintained at a mowing height of greater than 2.5mm, the higher application rate (6 ounces per acre) may be required during periods of high pest pressure. For maximum residual effectiveness, apply Provaunt WDG at up to 1.25 kg/ha
Mole Crickets	1.25 kg/ha	Apply first application when peak eggs hatch and/or when young nymphs are actively foraging. Apply second application about 2 weeks after. For best results, apply in morning when turf is wet or pre-wet with irrigation. Water in immediately after application with 3-6mm of irrigation.

Weevils adults and larvae	1.25 kg/ha	Apply when adult weevils are observed and repeat a second application to treat Weevils adults and stem feeding larvae.
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Spray Dilution Rates

Application Volume (L/ha)	Application Rate		Amount of Provaunt WDG needed for these volumes of finished spray (g)		
	KG /ha	grams / ha	10 L	15 L	100 L
400	0.20	200	5	8	50
400	0.40	400	10	15	100
400	0.65	650	16	24	163
400	1.25	1250	31	47	313
800	0.20	200	3	4	25
800	0.40	400	5	8	50
800	0.65	650	8	12	81
800	1.25	1250	16	23	156
1200	0.20	200	2	3	17
1200	0.40	400	3	5	33
1200	0.65	650	5	8	54
1200	1.25	1250	10	16	104

Ornamental Plants within Exterior and Interior Landscapes

Target Pest	Amount of Product per 100 L water (g)
Leaf-feeding caterpillars , such as bagworms gypsy moth caterpillars tent caterpillars (including eastern tent caterpillar) tussock moth caterpillars (including white-marked tussock moth) webworms (including fall webworm) yellownecked caterpillars	14 to 28
European pine sawfly	28 to 56
Potato leafhopper	56

Apply the desired application rate of Provaunt WDG as a full-coverage foliar spray. Repeat treatment as directed to achieve best control using higher application rates within the listed rate range as pest pressure and foliage area increases. Repeat applications must be limited to no more than once per 7 days.

Certain plant species or cultivars may be sensitive to the final spray solution. If local experience is not available, then a small number of plants should be treated and observed for phytotoxicity for at least one week before making application to the entire planting.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION

WITHHOLDING PERIOD: DO NOT GRAZE TREATED TURF/LAWN OR FEED TURF/LAWN CLIPPINGS FROM ANY TREATED AREA TO POULTRY OR LIVESTOCK

GENERAL INSTRUCTIONS

PROVAUNT is an oxadiazine insecticide in the form of a water dispersible granule. PROVAUNT delivers excellent curative performance, with optimal results achieved when applications are made before population numbers build to damaging levels. Targeted insects are controlled by feeding on treated foliage through direct contact with spray droplets during application or by contact with active ingredient residue on leaf surfaces. Pests treated with Provaunt WDG can stop feeding within minutes, rapidly reducing feeding damage. Once feeding stops, mortality typically occurs within 48 hours.

Mixing

Prior to mixing, start with clean, well maintained application equipment. Fill spray tank to ¼ to ½ full of water. Measure the amount of PROVAUNT required for the area to be sprayed. Add PROVAUNT directly to spray tank with the agitation engaged. Mix thoroughly to disperse the insecticide. Once dispersed, the material must be kept in suspension at all times by continuous agitation. Use mechanical or hydraulic means, DO NOT use air agitation, premix or slurry. If spray solution is left standing, ensure thorough re-agitation of the spray mix until fully re-suspended. DO NOT allow spray mix to sit overnight, as re-suspension maybe difficult.

Compatibility

As formulations of other manufacturer's products are beyond the control of Syngenta, and the quality of water may vary with location, all mixtures should be tested prior to mixing commercial quantities.

Application

Apply using coarse droplets (minimum) using Air induction 04 nozzles. Spray with at least 400 L of water/ha to ensure even coverage. The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice.

Note that the amount of product specified in the Directions for Use is per hectare of product. You will need to determine your spray rate per hectare before deciding on the amount of product to add to the tank.

Spray Timing

Mole Crickets: PROVAUNT should be applied when peak eggs hatch and/or when young nymphs are actively foraging. Apply second application about 2 weeks after.

Weevil adults: PROVAUNT should be applied when adults are first observed to prevent egg laying.

Weevil larvae and adults: A second application should be made early summer to treat larvae and adults concurrently as part of a strong chemical rotation program.

Caterpillars: PROVAUNT will provide excellent curative caterpillar control in turfgrass and should be applied when pests/damage is observed.

Spray Equipment Cleanout

Immediately following application, thoroughly clean all spray equipment to reduce risk of forming hardened deposits that might become difficult to remove. Drain spray equipment. Thoroughly rinse sprayer and flush hoses, boom, and nozzles with clean water. Loosen and physically remove all visible deposits. Clean all other associated application equipment.

Insecticide Resistance Warning

GROUP	22A	INSECTICIDE
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For insecticide resistance management PROVAUNT Insecticide is a Group 22A insecticide. Some naturally occurring insect biotypes resistant to PROVAUNT and other Group 22A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if PROVAUNT and other Group 22A insecticides are used repeatedly. The effectiveness of PROVAUNT on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Syngenta Asia Pacific Pte Ltd accepts no liability for any losses that may result from failure of PROVAUNT to control resistant insects. PROVAUNT may be subject to specific resistance management strategies. For further information contact your supplier or Syngenta.

PRECAUTION**Re-entry Period**

DO NOT allow entry into treated areas until the spray has dried.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.

PROTECTION OF HONEY BEES AND OTHER INSECT POLLINATORS

Highly toxic to bees. Harmful to bee brood. DO NOT allow spray drift to flowering weeds or flowering crops in the vicinity of the treatment area. Before spraying, notify beekeepers to move hives to a safe location with an untreated source of nectar and pollen, if there is potential for managed hives to be affected by the spray or spray drift.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well ventilated area out of direct sunlight. Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. DO NOT burn empty containers or product.

SAFETY DIRECTIONS

Harmful if swallowed. When opening the container, preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). Wash hands after use. After each day's use, wash contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre at +65 6334 4366.

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 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 ON SKIN OR 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 INHALED	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 999 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for treatment advice.

SAFETY DATA SHEET

If additional hazard information is required refer to the Safety Data Sheet. For a copy phone +65 6333 6400 or visit our website at www.syngentaturf.sg.

Harmful if inhaled Causes damage to organs through prolonged or repeated exposure
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Batch No	
Date of Manufacture	

