

INDOXACARB

GROUP

22A

INSECTICIDE



Contains indoxacarb, the active ingredient used in Provaunt® WDG.

#### Insecticide

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 other listed pests infesting landscape and recreational turf grass, including golf courses and landscape ornamentals.

#### ACTIVE INGREDIENT:

(% by weight)

Indoxacarb\*

(S)-methyl 7-chloro-2,5-dihydro-2-[[[(methoxycarbonyl)[4(trifluoromethoxy)phenyl]amino]carbonyl]  
indeno[1,2-e][1,3,4]oxadiazine-4a-(3H)-carboxylate ..... 20.0%

OTHER INGREDIENTS: ..... 80.0%

TOTAL ..... 100.0%

Privster™ WDG is a water-dispersible granule (WG) that contains 0.2 lb. indoxacarb per lb. product.

\*Indoxacarb belongs to the oxadiazine chemical class.

EPA Reg. No.: 91234-405

## KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCIÓN

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.)

See below for additional Precautionary Statements

FIRST AID	
<b>If swallowed:</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact Safety-Call at 1-844-685-9173 for emergency medical treatment information.	

**For Chemical Emergency: Spill, Leak, Fire, Exposure, or Accident,  
Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)**

Privster™ WDG is not manufactured, or distributed by Syngenta Professional Products, seller of Provaunt® WDG



Manufactured for:  
**Atticus, LLC**  
940 NW Cary Parkway, Suite 200  
Cary, NC 27513

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Harmful if inhaled. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Avoid breathing (dust, vapor or spray mist). Remove contaminated clothing and wash clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

#### Personal Protective Equipment (PPE)

##### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

#### User Safety Requirements

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

#### User Safety Recommendations

##### Users should:

- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 24 hours. Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage systems. Do not apply to any impervious surfaces which may contact or lead directly to surface water, storm drains, or urban runoff conveyance systems (gutters).

This product is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are foraging in or adjacent to the treatment area.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not mix or allow coming in contact with Oxidizing agents. Hazardous Chemical reaction may occur.

#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label before using this product.

#### PRODUCT INFORMATION

**Privster 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 other listed pests on landscape and recreational turf grass, including golf courses and landscape ornamentals such as trees, shrubs, foliage plants, flowers, and nonbearing fruit and nut trees (i.e., trees that will not produce a raw agricultural commodity during the season of application).

**Privster WDG** may only be used on plants or turf grasses that are being grown for aesthetic or recreational purposes or climatic modification in or around home lawns, residential dwellings, business and office complexes, shopping complexes, multi-family residential complexes, institutional buildings, airports, cemeteries, interior landscapes, ornamental gardens, parks, playgrounds, schools, golf courses (such as tee box areas, roughs, fairways greens, and collars), athletic fields and other landscaped areas.

#### Insect Resistance Management

For resistance management, **Privster WDG** contains a Group 22 insecticide. Any insect population may contain individuals naturally resistant to **Privster WDG** and other Group 22 insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same treated areas. Appropriate resistance management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Rotate the use of **Privster WDG** or other Group 22 insecticides with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
  - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
  - Mixtures with components having the same IRAC mode of action classifications are not recommended for insect resistance management.
  - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
  - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
  - The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.



- Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, record keeping, and which considers cultural, biological, and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local Atticus, LLC representative, retailer, or extension specialist for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact Atticus, LLC at (984)-465-4800.

Atticus, LLC encourages responsible product stewardship to ensure effective long-term control of the insects on this label.

### Integrated Pest Management (IPM) Programs

**Privster WDG** is recommended for IPM programs on turf and landscape ornamentals as it does not directly impact natural arthropod predator and parasitoid populations, including ladybird beetles, lacewings, minute pirate bugs and predatory mites. The feeding behavior of predatory beneficial arthropods will aid in extending natural control of other insect and mite pests and will reduce the possibility of secondary pest outbreaks. **Privster WDG** will reduce the target pest species that may serve as a food source for beneficial arthropods. If **Privster WDG** is tank-mixed with an insect control product that negatively impacts beneficial arthropods, the full benefit of **Privster WDG** to the IPM program will not be realized.

## APPLICATION DIRECTIONS

### Methods of Application

**Privster WDG** must be diluted with water before application.

**Privster WDG** applications should target listed pests. Use sufficient water to obtain thorough, uniform coverage. Apply repeat applications after 7 days, if necessary.

### Application Equipment

Application equipment must be clean and free of previous pesticide deposits before mixing **Privster WDG**.

Prior to application, start with clean, well-maintained application equipment. Immediately following application, thoroughly clean all application equipment to reduce the risk of forming hardened deposits that might become difficult to remove. Drain application equipment. Thoroughly rinse application equipment and flush hoses, boom and nozzles with clean water. Clean all other associated application equipment. Take all necessary safety precautions when cleaning equipment. **DO NOT** clean equipment near wells, water sources or desirable vegetation. Dispose of waste rinsewater in accordance with local regulations.

### Mixing Directions

#### Privster WDG Alone

1. Use clean, well maintained application equipment.
2. Fill sprayer tank 1/4 to 1/2 full of water.
3. Add **Privster WDG** directly to the sprayer tank. If tank mixing **Privster WDG** with other products, see the **Tank-Mixtures** section below.
4. Mix thoroughly to fully disperse the insecticide and continue agitation to keep the insecticide in suspension. Use mechanical or hydraulic agitation. Do not use air agitation.
5. The mixture should not be stored in the spray tank overnight.

#### Tank-Mix Precautions

**Privster WDG** may be tank-mixed with other pesticides. When tank-mixing **Privster WDG** with other pesticides, observe all precautions and limitations on each separate product label. No label application rates may be exceeded. **Privster WDG** cannot be mixed with any product containing a label prohibition against such mixing.

#### Tank-Mix Compatibility

The physical compatibility of **Privster WDG** may vary with different sources of pesticide products and local cultural practices. Any tank-mixture that has not been previously tested should be prepared on a small scale (pint or quart jar) using the proper proportions of pesticides and water to ensure the physical compatibility of the mixture.

#### Privster WDG In Tank Mixtures

Add different formulation types in the sequence indicated below. Allow time for complete mixing and dispersion after the addition of each product.

1. Water-soluble bags
2. **Privster WDG** and other water-dispersible granules
3. Wettable powders
4. Water-based suspension concentrates
5. Water-soluble concentrates
6. Oil-based suspension
7. Emulsifiable concentrates
8. Adjuvants, surfactants, oils
9. Soluble fertilizers
10. Drift retardants



## USE RESTRICTIONS

- Not for use on plants being grown for sale or other commercial use, or for commercial seed production.
- **DO NOT** apply this product through any type of irrigation system.
- **DO NOT** apply this product in commercial nurseries and greenhouses or on sod farms.
- **DO NOT** apply more than 36 ounces (equivalent to 0.45 lb. of active ingredient) of product per acre per year in broadcast applications.
- Wait a minimum of 7 days to retreat.
- Keep people and pets away from treated areas until treatment has dried.

## SPRAY DRIFT

### **Ground Boom Applications:**

- User must only apply with the release height recommended by the manufacturer, but no more than 4 feet above the ground or plant canopy.
- Applicators are required to use a medium or coarser droplet size (ASABE S572.1).
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions.

### **Boom-less Ground Applications:**

- Applicators are required to use a medium or coarser droplet size (ASABE S572.1) for all applications.
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions

## SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

## IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

### **Controlling Droplet Size — Ground Boom**

- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

### **BOOM HEIGHT — Ground Boom**

- For ground equipment, the boom should remain level with the crop and have minimal bounce.

## SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

## TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

## TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

## WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

### **Boom-less Ground Applications**

- Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

### **Handheld Technology Applications**

- Take precautions to minimize spray drift.

# TURF AND ORNAMENTAL USE DIRECTIONS

Application Dilution Chart

Application Volume (Gallons per 1,000 sq. ft.)	Application Rate			Amount of Privster WDG needed for these volumes of finished spray (oz)			
	(oz per Acre)	(oz per 1,000 sq. ft.)	(Lb. ai per Acre)	1 Gallon	5 Gallons	10 Gallons	100 Gallons
1	3	0.07	0.038	0.07	0.34	0.69	6.9
1	6	0.14	0.075	0.14	0.69	1.38	13.8
1	9	0.21	0.113	0.21	1.03	2.07	20.7
1	12	0.28	0.150	0.28	1.38	2.75	27.5
1	15	0.34	0.188	0.34	1.72	3.44	34.4
1	18	0.41	0.225	0.41	2.07	4.13	41.3
2	3	0.07	0.038	0.03	0.17	0.34	3.4
2	6	0.14	0.075	0.07	0.34	0.69	6.9
2	9	0.21	0.113	0.10	0.52	1.03	10.3
2	12	0.28	0.150	0.14	0.69	1.38	13.8
2	15	0.34	0.188	0.17	0.86	1.72	17.2
2	18	0.41	0.225	0.21	1.03	2.07	20.7
3	3	0.07	0.038	0.02	0.11	0.23	2.3
3	6	0.14	0.075	0.05	0.23	0.46	4.6
3	9	0.21	0.113	0.07	0.34	0.69	6.9
3	12	0.28	0.150	0.09	0.46	0.92	9.2
3	15	0.34	0.188	0.11	0.57	1.15	11.5
3	18	0.41	0.225	0.14	0.69	1.38	13.8
4	3	0.07	0.038	0.02	0.09	0.17	1.7
4	6	0.14	0.075	0.03	0.17	0.34	3.4
4	9	0.21	0.113	0.05	0.26	0.52	5.2
4	12	0.28	0.150	0.07	0.34	0.69	6.9
4	15	0.34	0.188	0.09	0.43	0.86	8.6
4	18	0.41	0.225	0.10	0.52	1.03	10.3
5	3	0.07	0.038	0.01	0.07	0.14	1.4
5	6	0.14	0.075	0.03	0.14	0.28	2.8
5	9	0.21	0.113	0.04	0.21	0.41	4.1
5	12	0.28	0.150	0.06	0.28	0.55	5.5
5	15	0.34	0.188	0.07	0.34	0.69	6.9
5	18	0.41	0.225	0.08	0.41	0.83	8.3

To convert from ounces to grams, multiply by 28.35 (1 ounce = 28.35 grams).

**DO NOT** use household utensils to measure **Privster WDG**

### Recreational Turfgrass and Landscape Areas

Target Pest	Amount of Product per Acre (oz)	Amount of Product per 1,000 sq. ft. (oz)	Amount of AI per acre (lb.)
Caterpillars (including armyworms, cutworms and sod webworms)	3 to 6	0.07 to 0.14	0.038 to 0.075
European Crane Fly Larvae	9 to 18	0.21 to 0.41	0.113 to 0.225
Grasshoppers Mole Crickets* Annual Bluegrass Weevil Larvae*	18	0.41	0.225
<p><b>NOTE:</b> For mole cricket control, make 1-2 applications on a 2 to 4 week interval when nymphs or adults are actively foraging. For best results, apply in morning when turf is wet or pre-wet with irrigation. Water in immediately after application with 1/8" of irrigation.</p> <p>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 1 inch, the higher application rate (6 ounces per acre) may be required during periods of high pest pressure.</p> <p>For maximum residual effectiveness, apply <b>Privster WDG</b> at up to 18 ounces per acre (0.412 ounces per 1,000 square feet = 0.225 lb. AI/A).</p> <p>*Not Registered for Use by California</p>			

### Annual Bluegrass Weevil Control Program Targeting Overwintered Adults and First Generation Larvae\*

Target Pest	Amount of Product per Acre (oz)	Amount of Product per 1,000 sq. ft. (oz)	Amount of AI per acre (lb.)
Annual Bluegrass Weevil Adults (Preventative)	18	0.41	0.225
<b>Approximately three weeks after the Preventative treatment (above) apply the treatment (below):</b>			
Annual Bluegrass Weevil Larvae	18	0.41	0.225

\*Not Registered for Use by California

### Ornamental Plants within Exterior and Interior Landscape

Target Pest	Amount of Product per 100 Gallons (oz)	Amount of AI per 100 Gallons (lb.)
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	1.88 to 3.75	0.023 to 0.046
European pine sawfly	3.75 to 7.5	0.046 to 0.092
Potato leafhopper	7.5	0.092
<p>Apply the desired application rate of <b>Privster WDG</b> 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.</p> <p>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.</p>		

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

**PESTICIDE DISPOSAL:** Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### CONTAINER HANDLING:

**Plastic Container: Nonrefillable container.** Do not reuse or refill this container. Triple rinse container (or equivalent) 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 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

## LIMITATION OF WARRANTY AND LIABILITY

**IMPORTANT: READ BEFORE USE.** Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If these terms and conditions are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Disclaimer of Warranties and Limitations of Liability. **CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, injury, and other unintended consequences may result because of such factors as manner of use or application (including misuse), the presence of other materials, weather conditions, and other unknown factors, all of which are beyond the control of ATTICUS, LLC. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, ATTICUS, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label. **LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, neither ATTICUS, LLC the manufacturer, nor the Seller shall be liable for any indirect, special, incidental or consequential damages resulting from the use, handling, application, storage, or disposal of this product. To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use, handling, application, or storage of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid.

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