PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION
Harmful if inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid breathing dust or spary mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment (PPE):
- Applications and other handlers must wear:
  - Long-sleeved shirt and long pants
  - Waterproof gloves
  - Shoes with socks
- Glassfleece and applications must wear a dust or mist filtering respirator meeting NIOSH standards of at least R95, R100, or Appendix II. Exposure to high concentrations of microbial proteins can cause allergic sensitization.
- Follow manufacturer’s instructions for cleaning/maintaining PPE. If such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls:
- When handlers use enclosed systems, enclosed cab, or a machine in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.100(a)(8)-(10)), the handler PPE requirements may be reduced or modified as specified in the WPS.
- IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applications and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

User Safety Recommendations:
- Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should 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
Do not contaminate water when cleaning equipment or disposing of equipment parts.

This product cannot be applied within 1/4 mile of any habitations of endangered or threatenedestival. No application of this product can be made within 500 feet of any threatened or endangered species.

DIRECTIONS FOR USE
It is a violation of federal law to use this product in a manner inconsistent with its labeling. 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 labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, 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 the label about personal protective equipment (PPE) and restrictive entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

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

DIRECTIONS FOR USE (continued)
Tank mixtures may be accomplished with more restrictive label limitations and instructions. No storage rates should be exceeded. This product cannot be mixed with any material containing IGR products or allantoin. When such mixing, before tank mixing DiPel PRO DF (with other labeled products, including spreader stickers, check for tank mix compatibility.

After inspecting a lethal dose of DiPel PRO DF, larval stop feeding within the hour, and will die within several hours to 3 days. Mortality will vary with larval size, instar, pesticides species, and dose consumed. Following inspection of a lethal dose mortality, dissect thoraxes, bicker, and discontinue diet. Inoculation of larval die more quickly.

DiPel PRO DF may be applied in conventional ground or air application equipment only if the recommended equipment is used. For air application use at least 3 gallons of water per acre; excepting being and areas, where 5 to 10 gallons per acre are required. This product is toxic to aquatic organisms, and invertebrates. Use extreme caution when applying DiPel PRO DF to ponds, and other bodies of water. Do not kill waterfowl by aerial application. Do not kill waterfowl and wildlife in or near water by aerial application. DiPel PRO DF should be used only on land that is protected from runoff by a vegetative barrier or other means. Do not kill birds on or near water used for human consumption, livestock or wildlife. No spreader-sticker is necessary when applying DiPel PRO DF.

For air application equipment, DiPel PRO DF should not be applied to water within 250 feet of a body of water that is used as a source of drinking water, or to any land that may drain to a body of water used for fishing or swimming. Do not spray or apply DiPel PRO DF within 250 feet of any over passes or bodies of water that may be used as a source of drinking water. This product is toxic to aquatic organisms, and invertebrates. Use extreme caution when applying DiPel PRO DF to ponds, and other bodies of water. Do not kill waterfowl by aerial application. Do not kill waterfowl and wildlife in or near water by aerial application. DiPel PRO DF should be used only on land that is protected from runoff by a vegetative barrier or other means. Do not kill birds on or near water used for human consumption, livestock or wildlife. No spreader-sticker is necessary when applying DiPel PRO DF.

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GENERAL PRECAUTIONS FOR APPLICATIONS THROUGH SPRINKLER IRRIGATION SYSTEMS

Maintain continuous agitation in the mix tank during mixing and application to assure uniform suspension. Greater accuracy in calibration and distribution will be achieved by injecting a larger volume for a more dilute solution per unit time.

The system must contain a functional check valve, vacuum release valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the irrigation pump when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems utilizing a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capital equipment capable of being fitted with a system interlock. Do not apply when wind speeds exceed 20 mph beyond the area intended for treatment. System connections or fittings leaks, nozzles do not provide uniform distribution or fines that contains the product must be discontinued and drained.

## Pests controlled by DiPel PRO DF

### Common name
- Acheria Spinellis Moth (Homoptera)
- Alliphs Cattelineer
- Almond Moth
- Amorya Moth
- Armyworm
- Articole Plume Moth
- Asalea Catterpillar
- Bagworm
- Banana Moth
- Banana Slug
- Blackheaded Butternut
- California Oakworm
- Camerlid
- Cherry Fruitworm
- China Blue Moth
- Citrus Catterpillar
- Codling Moth
- Cotton Bellworm
- Cranberry Fruitworm
- Cross-striped Catterpillar
- Cabbage Catterpillar
- Catterpillar
- Diamondback Moth
- Douglas Fir
- Tussock Moth
- Eclo Moth (Homoptera)
- Elm Spanworm
- European Corn Borer
- European
- Grapevine Moth
- European Skipper
- Esses Skipper
- Fall Webworm
- Felt Learnter
- Frutale Learnter
- Grape Berry Moth

### Scientific name
- Euphorbia acerina
- Colias eurytheme
- Conopid chinulina
- Aelura humeroala
- Phytoseiidae spp., e.g., zea, argyra
- Rhadophora lineatella
- Carbula major
- Thylyphinae
- Hypocladia brunnea
- Ennominae
- Grapholitha pinius
- Plutella xylostella
- Plutella xylostella
- Osbeckia viridifascia
- Chrysolina piceacea
- Helicoverpa spp., e.g., zea, argyra
- Acrostis vaccinia
- Erebidae
- Epeolus pseudoscutella
- Trialeurodes vaporariorum
- Enaphalos subsericeus
- Oesia nubilalis
- Archips rosana
- Vaporsyllis flavicaula

### Pests controlled by DiPel PRO DF (continued)
- Acheria Spinellis Moth (Homoptera)
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- European Corn Borer
- European
- Grapevine Moth
- European Skipper
- Esses Skipper
- Fall Webworm
- Felt Learnter
- Frutale Learnter
- Grape Berry Moth

### Field Crops

<table>
<thead>
<tr>
<th>Field Crops</th>
<th>Application rate (pounds/acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Herbs and spices (Crop group 1B)</td>
<td>0.5-2</td>
</tr>
<tr>
<td>- Basil, basil, sitka, basil (seed)</td>
<td>1.0-2.0 lb/A for control of Spodoptera spp.</td>
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<tr>
<td>- Celery</td>
<td>0.5-2</td>
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<tr>
<td>- Dill, dill, dill (seed)</td>
<td>1.0-2.0 lb/A for control of Spodoptera spp.</td>
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<tr>
<td>- Fennel, fennel (seed)</td>
<td>1.0-2.0 lb/A for control of Spodoptera spp.</td>
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<tr>
<td>- Mustard, mustard (seed)</td>
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<tr>
<td>- Rosemary, rosemary (seed)</td>
<td>1.0-2.0 lb/A for control of Spodoptera spp.</td>
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<tr>
<td>- Sage, sage (1.5 sq ft)</td>
<td>1.0-2.0 lb/A for control of Spodoptera spp.</td>
</tr>
<tr>
<td>- Soapwort</td>
<td>1.0-2.0 lb/A for control of Spodoptera spp.</td>
</tr>
<tr>
<td>- Tarragon, tarragon (1.5 sq ft)</td>
<td>1.0-2.0 lb/A for control of Spodoptera spp.</td>
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### Flowers, bedding plants and ornamentals

| Flowers, bedding plants and ornamentals | 0.5-2 |
| - For best results, use a ground applicator, a minimum of 50 gals total mix per acre, 50-100 psi and 3-7 nozzles per bed. |

### Mint and peppermint

| Mint and peppermint | 0.5-2 |
| - Use 1-2 lb/A for control of Spodoptera spp. |

### Crops

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<td>GREENHOUSE/SHADEHOUSE AND OUTDOOR NURSERY</td>
<td>0.5-2</td>
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<td>- Use higher rates for Heliothis spp.,)</td>
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### FOR USE IN SELF-CONTAINED, CLOSED-SYSTEM, ORNAMENTAL PONDS ONLY

For a 10' x 10' pond (100 sq ft) mix 1/4-1/2 tsp of DiPel PRO DF in 1 qt of water and apply to pond surface. Adjust quantities accordingly based on specific pond size.

### NOTICE TO USER

To the extent consistent with applicable law, seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risks of use, storage or handling in strict accordance with accompanying directions.

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