

CORN - CUTWORMS, LESSER CORNSTALK BORER, ETC.

General Information

PRODUCT INFORMATION

Force 6.5G is an at-planting, soil-applied insecticide which provides activity against seed-, plant-, and root-feeding insects and helps protect developing corn root systems.

PEST SUPPRESSION

Pest suppression can mean either inconsistent control (good to poor) or consistent control at a level below that generally considered acceptable for commercial control.

Resistance Management

Some insects are known to develop resistance to products after repeated use. Because resistance development cannot be predicted, the use of this product should conform to sound resistance management strategies established for the crop and use area. Syngenta encourages responsible product stewardship to ensure effective long-term control of the insects on this label.

Force 6.5G contains a Group 3 insecticide (tefluthrin). Insect biotypes with acquired or inherent resistance to Group 3 insecticides may eventually dominate the insect population if Group 3 insecticides are used repeatedly as the predominant method of control for targeted species. This may result in partial or total loss of control of those species by Force 6.5G or other Group 3 insecticides.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

Maintaining Susceptibility to these Classes of Chemistry

- Avoid using Group 3 insecticides exclusively for season-long control of insect species with more than one generation per crop season.

- For insect species with successive or overlapping generations, apply Force 6.5G or other Group 3 insecticides using a “treatment window” approach. A treatment window is a period of time as defined by the stage of crop development and/or the biology of the pests of concern. Within the treatment window, depending on the length of residual activity, there may either be single or consecutive applications (seed treatment, soil, foliar, unless otherwise stated) of the Group 3 insecticides. Do not exceed the maximum Force 6.5G allowed per year.
- Following a treatment window of Group 3 insecticides, rotate to a treatment window of effective products with a different mode of action before making additional applications of Group 3 insecticides.
- A treatment window rotation, along with other IPM practices for the crop and use area, is considered an effective strategy for preventing or delaying a pest’s ability to develop resistance to these classes of chemistry.
- If resistance is suspected, do not reapply Force 6.5G or other Group 3 insecticides.

Other Insect Resistance Management (IRM) Practices

- Incorporate IPM techniques into your insect control program.
- Monitor treated insect populations for loss of field efficacy.
- Use tank-mixtures or premixes with insecticides from a different target site of action group as long as the involved products are all registered for the same crop outlet and effective rates are applied.

Other Sources for Information on Insect Resistance Management

- Contact your local extension specialist, certified crop advisor and/or product manufacturer for additional insect resistance management recommendations.
- Visit the Insecticide Resistance Action Committee (IRAC) on the web at:
<http://www.irc-online.org/>.

APPLICATION DIRECTIONS

Methods of Application

Soil applications with Force 6.5G are permitted at-planting by in-furrow, band, or T-band methods, as specified in Section 7.0.

The application methods described above ensure a zone of root protection which is approximately 7 inches wide and 5 inches deep. The zone of protection is the area around and within the corn roots where Force 6.5G has activity against seed-, plant-, and root-feeding insects.

Application Equipment

Force 6.5G may be used with all types of planters equipped with granular insecticide applicators. Proper adjustments and calibration are required to reach the desired rate consistently and is essential for good insect control. Refer to your equipment/planter manual and follow the recommended steps for proper calibration.

Gauge Calibration:

The person conducting the gauge calibration must wear all required safety equipment during cali-brations. Gauge calibrations are necessary to insure each gauge is releasing an accurate rate of Force 6.5G. The calibration must be performed on all row units prior to each season. For best results, growers should perform a catch test to ensure the desired rate is achieved. Using a catch container, collect the Force 6.5G for a set amount of time and weigh the material in the catch container. Based on desired plant-ing speed, desired rate, calibration time and weight of the material collected in the catch container, calcula-tions may be made to determine if the gauge is set properly.

See table in the label for calculations sample.

ROTATIONAL CROP RESTRICTIONS

The rotational (plant-back) restriction for Force 6.5G is 30 days for all crops.

RESTRICTIONS AND PRECAUTIONS

Use Restrictions

- DO NOT apply this product except on the sites and for the pests at the indicated rates and limitations specified in Sections 7.0 of this label.
- DO NOT apply this product through any type of irrigation system.
- DO NOT apply this product within 20 yards of aquatic bodies (lakes, reservoirs, rivers, permanent streams, marshes, estuaries, natural ponds, or commercial fish farm ponds).
- DO NOT apply this product as either a band or T-band treatment unless the product can be incorporated into the top one inch of soil using tines, press wheels, closing wheels, chains, or other suitable equipment.

Use Precautions

- When used on highly erodible land (HEL), best management practices for minimizing runoff must be employed.
- When applied to highly erodible land that drains to water bodies, consultation with the Natural Resources Conservation Service (NRCS) and/or other agricultural agencies will ensure that effective efforts are made to minimize soil erosion as well as pesticide runoff.
- When the highly erodible land is adjacent to aquatic bodies, the entire 20-yard buffer/setback must be left to grass or other natural vegetation.
- For NO-TILL corn acreage that drains to adjacent or neighboring aquatic sites, apply as an in-furrow treatment only. See in-furrow directions in Sec 7.0.
- Cover or incorporate spills (including end of row spillage).

Limitations, Restrictions, and Exceptions

Use Directions

- Unless otherwise directed, application may be by in-furrow, band or T-band application.

In-Furrow Applications: Direct the granules into the planter shoe with the seed or place the applicator tube directly behind the planter shoe so that the granules drop into the seed furrow.

Band Applications: Apply in a 7-inch band over the row behind the press wheel. Granules must be incorporated into the top one inch of soil using tines, chains, or other suitable equipment.

T- Band Applications: Apply in a band across the open seed furrow between the furrow openers and the press wheels. Granules must be incorporated into the top one inch of soil using press wheels, closing wheels, tines, or other suitable equipment.

For best control of Wireworm and/or White Grub, apply the granules as an in-furrow treatment. For heavy infestations, use 2.3 oz/1,000 ft of row.

For best control of Cutworm control in first year corn, apply as band or a T-band application.

Refer in the label for Pounds of Force 6.5G Required per Acre for Typical Row Spacings.

USE RESTRICTIONS

- 1) Refer to Section 6.1 for additional product restrictions.
- 2) Maximum Single Application Rate: 5.0 lb/A (0.327 lb ai/A of tefluthrin-containing products)
- 3) Minimum Application Interval: Not Applicable
- 4) Maximum Annual Rate: 5.0 lb/A (0.327 lb ai/A of tefluthrin-containing products)
- 5) Make only one application of Force 6.5G per year.
- 6) DO NOT follow a Force 6.5G at-planting application with a lay-by application.
- 7) For New York only: Do not exceed a total of 2.5 lbs/A of Force 6.5 per year regardless of the application rate/1000 ft of row, or row spacing.

Method

[In Furrow](#)

[Band application](#)

[T-band application](#)

Restricted Entry Interval

48 hours

Timings

[At-Plant](#)