

TOPGUARD[®]
Fungicide
Section 18 Exemption
For Use on Cotton to Control Cotton Root Rot

**FOR DISTRIBUTION AND USE ONLY IN THE STATE OF TEXAS UNDER SECTION 18
EXEMPTION**

This labeling must be in the possession of the user at the time of pesticide application. Refer to the **TOPGUARD Fungicide** container label EPA Reg. No. 67760-75 for complete Directions for Use and restrictions and precautions. Have the **TOPGUARD Fungicide** container label in your possession at the time of application. Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the product label for **TOPGUARD Fungicide**.

Any adverse effects resulting from the use of **TOPGUARD Fungicide** under this exemption must be immediately reported to the Texas State Department of Agriculture.

EXACT AUTHORIZED USE: This is an unregistered use. The U.S. Environmental Protection Agency has authorized the use of **TOPGUARD Fungicide** under the provisions of Section 18 of the Federal Insecticide, Fungicide and Rodenticide act, as amended, on cotton in Texas to control cotton root rot.

EFFECTIVE PERIOD: This labeling becomes effective January 23, 2015 and expires on June 30, 2015.

EPA SECTION 18 FILE SYMBOL: 15-TX-02

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in any 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.

Crop Rotation: Fields treated with an application rate of greater than 0.225 lbs.ai/acre/season may be planted to crops that have tolerances established for residues of flutriafol including: field corn, popcorn, cucurbits, fruiting vegetables, grapes, peanuts, pome fruits, soybeans, stone fruits, strawberries, sugar beets, tree nuts, triticale, or wheat immediately after last application. Fields treated with application rates less than or equal to 0.225 lbs.ai/acre/season may be planted to the crops listed above, and may also be planted to cotton or sweet corn 180 days after the last application. Rotation to any other crop is prohibited.

RATE EQUIVALENCY TABLE

Product Rate (fl. oz./A)	Equivalent Active Ingredient Rate (lb a.i./A)
7.0	0.057
8.0	0.065
9.0	0.073
10.0	0.081
11.0	0.089
12.0	0.098
13.0	0.106
14.0	0.114

Spray Equipment/Volume: TOPGUARD Fungicide should be applied at 6 - 10 gallons per acre at planting.

High Disease Pressure: Use the higher rate of TOPGUARD Fungicide when crop grown under irrigation or when the field has a history of high root rot disease pressure.

Use Directions for Control of Cotton Root Rot

General Information:

TOPGUARD Fungicide works by forming a protective barrier around the cotton root at the point of disease infection. Precipitation in the form of rainfall or irrigation is required to move the product into the infection zone. The amount of water required will vary with soil type, soil moisture, and rainfall or irrigation intensity.

Applications Methods:

T-Band Application: Apply TOPGUARD Fungicide in a concentrated 3-4 inch wide band at planting perpendicular to row direction after furrow opening and seed placement but prior to furrow closure with press wheel.

Modified In-Furrow Application: Apply using a splitter/Y shaped application mechanism that directs the product on the sides of seed furrow and not in direct contact with the seed.

Use Directions for Cotton (Soil Application)

Diseases	Product Rate (fl oz/ac)
Cotton Root Rot (<i>Phymatotrichopsis omnivora</i>)	16 - 32 (see table below for rate chart depending on row width)

Application Directions:

Overhead or Sprinkler Irrigation Fields:

- The T-Band application method is preferred under these cropping practices.
- Modified In-Furrow can be used. Effort should be made to avoid applying product in direct contact with seed.

Dryland Fields:

- The Modified In-Furrow application technique may provide more consistent control under low rainfall conditions.
- Application using a T-Band method requires rainfall to move the product into the disease infection zone below the soil surface.

Furrow and Drip Irrigated Fields:

- Apply in T-Band or Modified In-Furrow.
- When using the Modified In-Furrow application method sufficient irrigation must be applied to thoroughly wet the **TOPGUARD Fungicide** treated zone after cotton has emerged.
- For T-Band applications, the top of the bed must be thoroughly wetted after the cotton has emerged.

NOTICE for All Applications Methods and Field Conditions:

Heavy rainfall or irrigation within 3 days after planting may delay emergence.

Limitations:

- Do not make more than one application per season
- Do not apply more than 32 fl oz per acre per season
- Do not apply with liquid fertilizer
- Restricted Entry Interval (REI): the REI is 12 hours

Rate Chart: Product Rate Depending on Row Width

	16 fl oz/ac Rate	32 fl oz/ac Rate (Maximum allowed)
Row Spacing (inches)	fl oz of TOPGUARD/1000 ft of row	
30	0.92	1.84
32	0.98	1.96
36	1.10	2.20
38	1.16	2.32
40	1.22	2.44

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