

TOPGUARD Terra[®]

FUNGICIDE



TOPGUARD TERRA[®] Fungicide – Winning the Battle Against Cotton Root Rot

TOPGUARD TERRA[®] Fungicide is the only fungicide registered for the control of cotton root rot in cotton. This formulation was specifically developed for use to control this economically important disease for cotton growers in the southwestern US.

For three years, TOPGUARD TERRA Fungicide (flutriafol) has been used effectively to control cotton root rot under a Section 18 Emergency Exemption by the EPA. As a result of using TOPGUARD TERRA Fungicide, growers achieved higher yields, better grades and improved harvesting efficiency.

TOPGUARD TERRA Fungicide should be placed on the soil near the seed to protect the root and lower stem, which is the critical area where the cotton root rot fungus attacks, girdles and kills the plant.

TOPGUARD TERRA Fungicide Section 18 Field Results



Untreated check strip center.

Untreated check strip on left.

For Use On: Cotton (at planting)

Formulation: 4.16 lb/gallon SC

Packaging: 2.5 gal. container, 2 per case

Signal Word: Caution

Mode of Action: FRAC Group 3

Application Timing: At plant (soil application)

Use Rates: 4–8 fl. oz./A

Disease Controlled

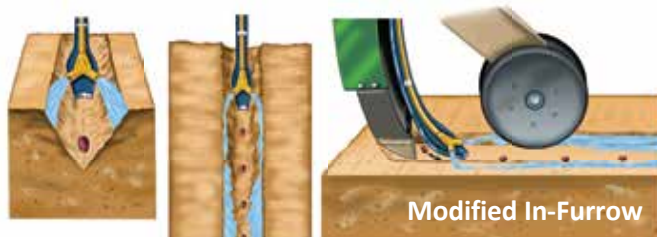
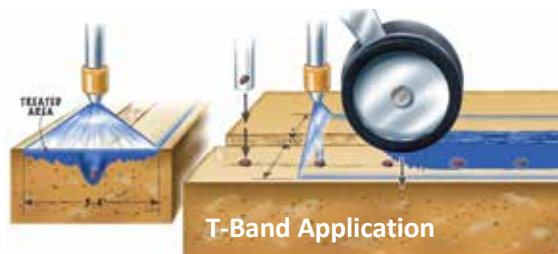
- Cotton Root Rot (*Phymatotrichopsis omnivore*)

TOPGUARD TERRA FUNGICIDE — New Concentrated Formulation with Same Great Results

Application Information

TOPGUARD TERRA® Fungicide should be applied at planting using either a T-Band or Modified In-Furrow technique. It should be applied with 6–10 gallons of spray volume.

T-Band Application: Apply **TOPGUARD TERRA 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.

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 fungicide treated zone after cotton has emerged.
- For T-Band applications, the top of the bed must be thoroughly saturated 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.

For more information about **TOPGUARD TERRA fungicide**, contact your local crop protection dealer, visit **FMCcrop.com** or call **888-59-FMC-AG**.