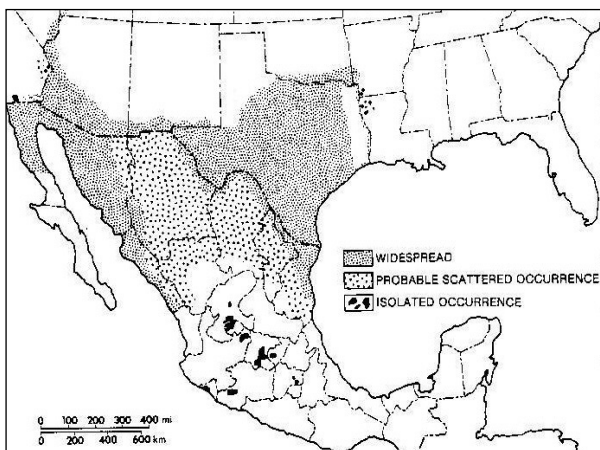


TOPGUARD TERRA® FUNGICIDE: COTTON PROTECTION YOU WON'T REGRET

Phymatotrichopsis omnivore, commonly known as cotton root rot or Texas root rot, presents a major challenge for cotton growers across the southwestern United States. In fact, estimated annual losses are approximately \$29 million in Texas alone. The disease can survive for many years in the soil at depths up to 7 feet. Therefore, cotton plants need protection year in and year out. Cotton root rot develops in the late spring to early summer as soil temperatures approach 82 F. The first symptom is typically wilting followed quickly by plant death. Topguard Terra® was specifically formulated by FMC to manage cotton root rot and is currently the only product available to effectively protect cotton plants throughout the growing season.



TOPGUARD TERRA FUNGICIDE:

- Flutriafol, the active ingredient, is the first and only chemical product in over 100 years of research to control cotton root rot.
- Offers best in class residual and systemic activity to protect cotton plants all season long.
- Forms a protective barrier around the plant's roots at the point of fungal infection.
- Flexible application methods, including T-band, modified in-furrow, and drip irrigation.



APRIL 2021

Inside this issue

- ✓ Cotton Root Rot
- ✓ Topguard Terra® Fungicide
- ✓ Performance
- ✓ Use information

Photos: Dr. Thomas Isakeit,
Texas A&M Agrilife Research

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TOPGUARD TERRA® FUNGICIDE USE:

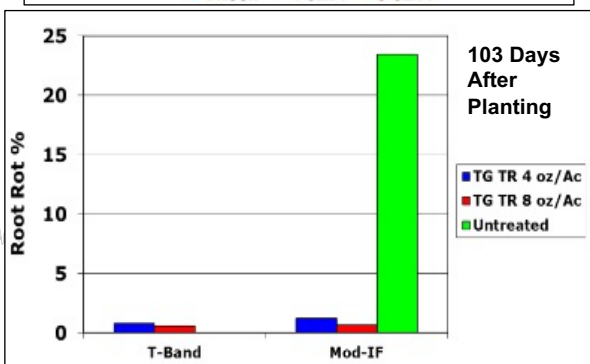
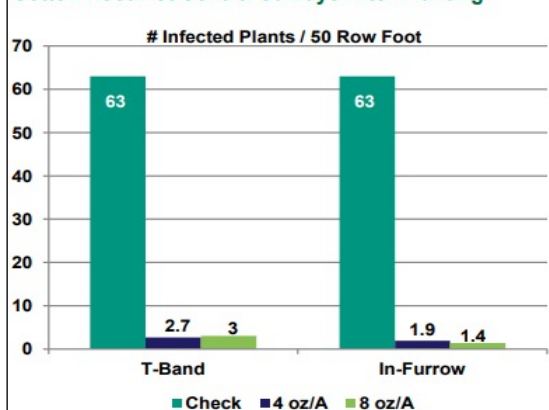
- Labeled use rate: 4 – 8 fl. oz./A.
- Do not apply more than once per year.
- Apply at planting in a T band, the preferred method, modified in-furrow, or 3–4-inch band on top of the row.
- May be injected into row 30 days prior to planting 2-3 inches below the seed placement zone (Texas only via 2(ee) Recommendation).
- Can be applied via drip irrigation where drip tape is no deeper than 12 inches below the soil surface.
- **Sufficient rainfall or irrigation is necessary to move the product into the infection zone.**

| Row Spacing Inches | Topguard Terra® Fungicide Per 1,000 Row Foot | |
|--------------------|----------------------------------------------|-------------|
| | 4 fl. oz./A | 8 fl. oz./A |
| 30 | 0.23 | 0.47 |
| 32 | 0.24 | 0.48 |
| 36 | 0.27 | 0.55 |
| 38 | 0.29 | 0.58 |
| 40 | 0.31 | 0.61 |



TOPGUARD TERRA FUNGICIDE PERFORMANCE IN COTTON

Cotton Root Rot Control 90 Days After Planting



THE PERFECT FIT AGAINST COTTON ROOT ROT.

TOPGUARD
TERRA
FUNGICIDE

LEARN MORE



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