

NEW FOR 2022:

XYWAY™ LFR® FUNGICIDE FOR COTTON ROOT ROT MANAGEMENT

Phymatotrichopsis omnivora, commonly known as cotton root rot, presents a major challenge for cotton growers across the southwestern United States. Estimated annual losses are approximately \$29 million in Texas alone, so cotton plants need protection year in and year out. Cotton root rot develops in the late spring as soil temperatures approach 82 F. The first symptom is typically wilting, followed quickly by plant death. Historically, flutriafol has proven to be the only product that will effectively manage root rot in cotton. Xyway™ LFR® represents a new flutriafol formulation that provides the same level of root rot activity at a more affordable price than previously used flutriafol products.



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

Contact your local FMC representative

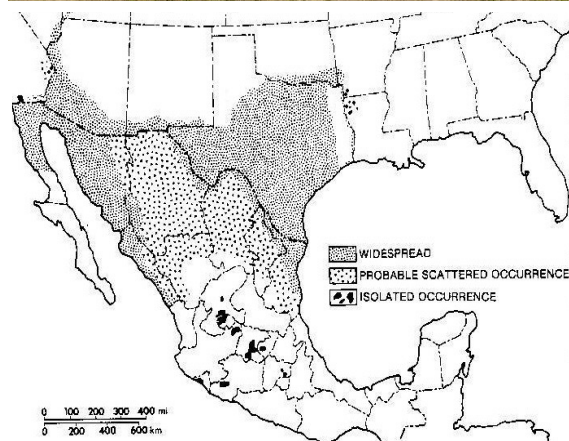
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XYWAY LFR FUNGICIDE

- 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.

XYWAY™ LFR® FUNGICIDE USE IN COTTON

- Labeled use rate: 8.7 – 17.3 fl. oz./A.
- Apply at planting in a T-band (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.
- Can be applied via drip irrigation where drip tape is no deeper than 12 inches below the soil surface.
- **Do not apply more than once per year.**
- **Avoid direct contact with seed.**
- **Sufficient rainfall or irrigation is necessary to move the product into the infection zone.**
- **Always consult label for additional use information.**

Xyway LFR Fungicide vs Topguard Terra® Rate Conversion (30" rows):

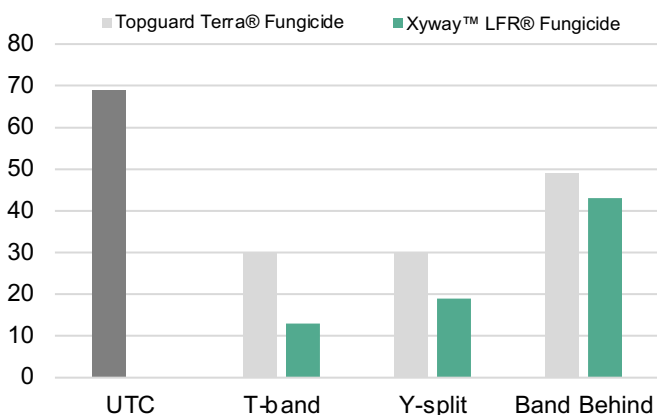
Topguard Terra fl. oz./A	lb. ai/A	Xyway LFR fl. oz./A
4	0.13	8.7
5	0.16	10.8
6	0.19	13.0
7	0.22	15.2
8	0.26	17.3

Xyway LFR fungicide product rate/A to rate/1,000 row-ft. conversion:

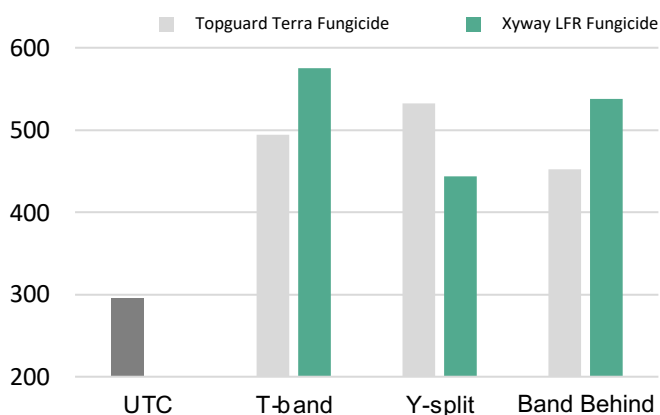
Row Spacing (inches)	30	32	34	36	38	40
Xyway LFR (oz./A)	Xyway LFR rate/1,000 row-ft.					
8.7	0.50	0.53	0.57	0.60	0.63	0.67
10.8	0.62	0.66	0.70	0.74	0.79	0.83
13	0.75	0.80	0.85	0.90	0.95	0.99
15.2	0.87	0.93	0.99	1.05	1.10	1.16
17.3	0.99	1.06	1.13	1.19	1.26	1.32

XYWAY LFR FUNGICIDE PERFORMANCE IN COTTON – Dr. Reagan Noland, San Angelo, TX

% CRR incidence for untreated check and cotton treated with Xyway or Topguard Terra fungicides at planting:



Cotton lint yield (lbs./A) comparison for untreated check and cotton treated with Xyway or Topguard Terra fungicides at planting:



Comparison of untreated, T-band, Y-splitter, and 3" band behind the planter labeled application methods in 2021:

