

A DUAL MODE OF ACTION FUNGICIDE PROVIDING BROAD-SPECTRUM ACTIVITY ON KEY SOYBEAN DISEASES

Lucento™ fungicide encompasses two separate modes of action delivering broad-spectrum disease efficacy, resistance management, plant mobility and residual control. Lucento fungicide provides preventative and curative activity for improved protection against fungal pathogens.

ACTIVE INGREDIENTS IN LUCENTO FUNGICIDE:

FLUTRIAFOL (FRAC GROUP 3, DEMETHYLATION INHIBITOR)

- Disrupts cell wall synthesis of fungi.
- Inhibits the production of sterols, important components of cell membranes.
- Active on developing spores.
- Delivers curative control of latent disease on the leaf.

FEATURES AND BENEFITS:

- Broad-spectrum disease efficacy.
- Low Koc value indicates weak attraction to clay and organic matter allowing soil availability for root uptake.
- Low Log Kow demonstrates water partiality enabling mobility with water and dissolved nutrients up the plant and out to leaf margins.

FLUTRIAFOL ACTIVE INGREDIENT DIFFERENTIATES BY:

- Disease efficacy
- Plant mobility
- Soil uptake
- Residual activity

BIXAFEN (FRAC GROUP 7, SUCCINATE DEHYDROGENASE INHIBITOR)

- Complex II inhibitor of mitochondrial respiration.
- Leads to an inhibition of respiration and ATP (energy) assembly.

FEATURES AND BENEFITS:

- Plant mobility through cuticle absorption and xylem transport.
- Uniform leaf distribution.
- Preventative activity on developing spores.

BIXAFEN ACTIVE INGREDIENT DIFFERENTIATES BY:

- New SDHI carboxamide fungicide.
- Broad-spectrum disease efficacy.
- Extended green leaf period.
- Increased yield.

UNIVERSITY OF TENNESSEE

MILAN, TN 2017

FROGEYE LEAF SPOT – R3 APPLICATIONS



Untreated Check



Quadris Top® SBX



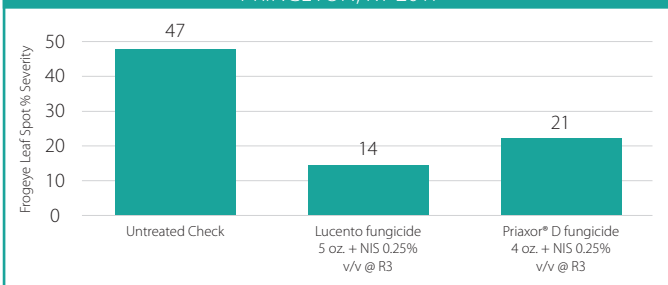
Lucento fungicide

TECHNICAL INFORMATION

FRAC GROUP	3, 7
FORMULATION	SC - Suspension Conc.
LOADING	4.17 lbs. Al/gal.
SIGNAL WORD	CAUTION

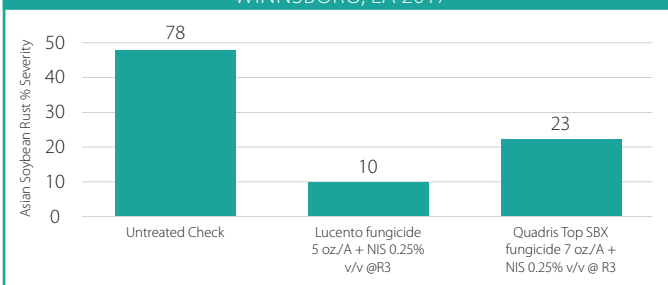
FOLIAR FUNGICIDE EFFICACY TRIALS

UNIVERSITY OF KENTUCKY
PRINCETON, KY 2017



FOLIAR FUNGICIDE EFFICACY TRIALS

LSU AG CENTER
WINNSBORO, LA 2017



USE RATE:

• 4.0-5.5 fl. oz./A. For best results, apply 5.0-5.5 oz.

APPLICATION GUIDELINES:

- Emergence through R5 (Beginning Seed)
- Optimum application window: R1 - R3
- REI – 12 hrs.
- PHI – 21 days before grain harvest

ADJUVANTS:

• Nonionic surfactant 0.25% v/v, or other high-quality surface active agent at labeled rate for improved coverage.

DISEASES CONTROLLED:

- Frogeye Leaf Spot
- Septoria Brown Spot
- Cercospora Leaf Blight
- Asian Soybean Rust
- Target Spot
- Aerial Web Blight
- Anthracnose