

KEEP LEAF AREA FREE OF DISEASE TO OPTIMIZE PHOTOSYNTHETIC POTENTIAL AND PEANUT YIELDS

Lucento™ fungicide encompasses two separate modes of action, delivering broad-spectrum disease efficacy, 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 fungal cell wall synthesis.
- Inhibits sterol production, important components of cell membranes.
- Active on developing spores.
- Delivers curative control of latent disease on the leaf.

FEATURES AND BENEFITS:

- 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 yields.

TECHNICAL INFORMATION

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

TABLE 1. TRIAZOLE FUNGICIDE PHYSICAL FEATURES

| ACTIVE INGREDIENT | LOG KOW | KOC MG/G | BRAND NAME |
|-------------------|---------|----------|---------------------|
| Flutriafol | 2.3 | 252 | Topguard® fungicide |
| Cyproconazole | 2.9 | 390 | Alto® fungicide |
| Tetraconazole | 3.6 | 1152 | Domark® fungicide |

AERIAL PHOTOS OF PEANUT LEAF SPOT CONTROL



LUCENTO FUNGICIDE 5.5 OZ., APPLICATIONS 2 & 5, 1 DAT 7



ABOUND® FUNGICIDE 18 OZ., APPLICATIONS 2 & 5, 1 DAT 7



CHECK

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|------------------------------|--|
| USE RATE: | • 5.5 oz./A |
| APPLICATION RECOMMENDATIONS: | • Early season sprays 2-5, rotation or block sprays • REI –12 hrs. • PHI –14 days |
| ADJUVANTS: | • Nonionic surfactant 0.25% v/v, or other high-quality surface active agent at labeled rate for improved coverage. |
| DISEASES CONTROLLED: | • Leaf Spot • Stem Rot • White Mold |