

NIGHT SPRAY COMPATIBILITY GUIDE

University of Georgia research indicates that spraying fungicides at night can improve white mold control and yields as compared to daytime applications. At night, the peanut leaves fold up and expose the interior of the canopy – allowing the fungicide to better reach the plant's crown. Targeting the crown with ARTISAN[®] and CONVOY[®] fungicides can deliver enhanced control of the soilborne diseases, white mold and *Rhizoctonia* limb rot.

UGA Night Spray Recommendations

- Only systemic fungicides should be applied at night. Contact fungicides active against foliar diseases, such as chlorothalonil, should only be applied during the day.
- Spray in the early morning before dawn, when the dew further aids in relocating the fungicide to the crown.

ARTISAN Night Spray Rates and Application Timings

- ARTISAN contains two systemic fungicides: flutolanil for white mold and limb rot control, and propiconazole for early and late leaf spot control.
- Apply 26-32 fl oz/A of ARTISAN at 60 and 90 DAP.

CONVOY Night Spray Rates and Application Timings

- CONVOY contains one systemic fungicide: flutolanil for white mold and limb rot control. A systemic fungicide must be tank mixed with CONVOY to add foliar disease control during night applications.
- Apply 20-26 fl oz/A of CONVOY at 60 and 90 DAP, in combination with Headline[®] 6 fl oz/A, or Tilt[®] 5 fl oz/A (generic propiconazole can be substituted for Tilt).



Peanut canopy during day

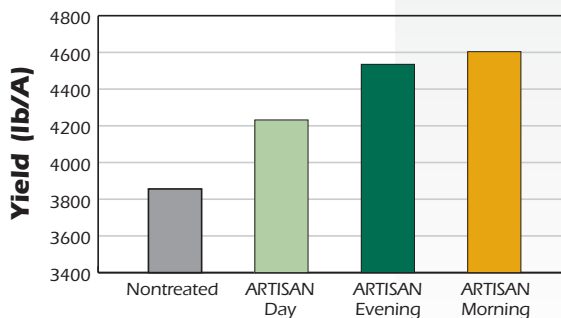
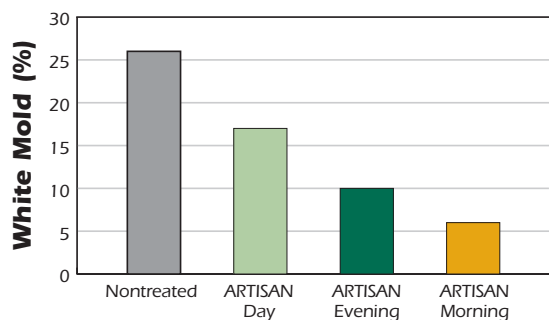


Sparse peanut canopy viewed at night

Photo courtesy of Joao Augusto, UGA

2010 Coffee County Night Spray Test

ARTISAN, 2 Applications, 60 and 90 DAP @ 32 fl oz/A



E. McGriff, On Farm, Dr. Tim Brenneman, UGA, LSD=10.1