



# GUILLOTINE

## Management of Pyrethroid-Resistant Southern Chinch Bug

The southern chinch bug, *Blissus insularis*, is the #1 pest affecting St. Augustine grass lawns. Execute a better plan for Chinch bug control with ArmorTech® Guillotine Insecticide.



Southern chinch bug  
adult and nymph



Southern chinch bug damage  
to St. Augustine grass

Southern chinch bugs are tired of being harassed by applications of Bifenthrin and other synthetic pyrethroids. Bifenthrin used to provide rapid knockdown of chinch bugs; however, due to long exposure to such chemistries and overuse, chinch bug resistance to bifenthrin has become a major issue.

Lawn care and turf management professionals fortunately have a new alternative for control of the southern chinch bug. ArmorTech® Guillotine Insecticide is based on Clothianidin, one of the newest neonicotinoid insecticides.

### ArmorTech® Guillotine Insecticide Benefits:

- Effective control of southern chinch bugs
- Long residual – up to 8 weeks of control
- Longer soil half-life than other neonicotinoids
- Lower water solubility than other neonicotinoids
- This “general use” insecticide does not include a synthetic pyrethroid and therefore does not increase bifenthrin resistance
- Good rotation partner for Bifenthrin, without the hassle of being a Restricted Use Product
- Sprayable formulation

ArmorTech® Guillotine may take 7-14 days to provide curative control of chinch bugs. Therefore, for best results, apply Guillotine preventively before chinch bug populations reach damaging levels.

Always read and follow the product label for specific uses, rates and precautions. For more information visit [www.UTAArmorTech.com](http://www.UTAArmorTech.com)



# United Turf Alliance