

Blackhawk[®]

For Use on Tobacco

NATURALLYTE[®] INSECT CONTROL

OVERVIEW

Blackhawk™ is a novel, lignin-based, water-dispersible granule formulation containing 36% active ingredient on a weight basis. This new formulation slows the degradation of spinosad on the leaf surface, proving more consistent control than the SC formulations of spinosad under more variable conditions.

Spinosad, the active ingredient in Blackhawk, affects the insect nervous system at the nicotinic acetylcholine receptors, causing rapid excitation that leads to involuntary muscle contractions, prostration with tremors and final paralysis. To date, no other class of insecticide is known to affect the insect nervous system with the same mode of action.

Features and Benefits for Blackhawk™

- Works by contact and ingestion
- Fast acting, quick knockdown and extended residual control
- Very effective against Corn Earworm, European Corn Borer, Armyworms and more
- Group 5 insecticide - novel mode of action unique to the spinosyn class of chemistry
- Minimal impact on natural enemies - does not flare secondary pests
- Excellent fit in Integrated Pest Management programs
- Short Pre-Harvest and Re-Entry Intervals - 1 day grain harvest PHI
- Requires minimal Personal Protective Equipment
- Reduced Risk Pesticide
- Presidential Green Chemistry Award Winner

Application Timing

Tobacco

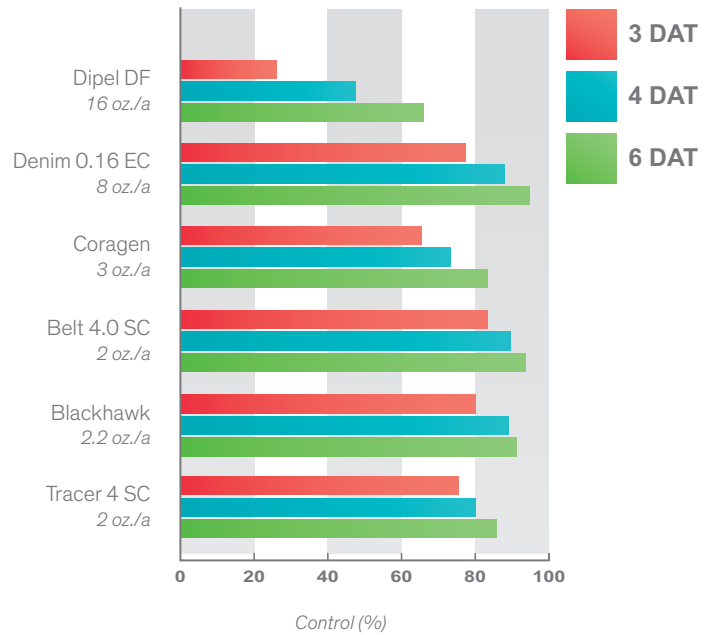
- Scout for lepidopterous larvae with enough regularity to monitor egg laying and egg hatch and treat when thresholds are reached. Applications of Blackhawk perform best when timed to coincide with peak egg hatch of each generation



dowagro.com

™®Trademark of the Dow Chemical Company ("Dow") or an affiliated company of Dow
 Blackhawk is not registered for sale or use in all states. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your state.
 Always read and follow label directions. L01-373-008 DAS(5/13) 010-34360

Comparison of Foliar Application of Various Insecticides for Control of Tobacco Budworm in Flue-Cured Tobacco, J. Wooten Farm, 2012



Application Rates

Tobacco

PESTS	Blackhawk™ (oz/acre)
Thrips	
Tobacco Budworm	1.6 – 3.2
Tobacco Hornworm	

Restrictions

Tobacco

- **Pre-harvest Interval:** Do not apply within 3 days of harvest
- **Minimum Treatment Interval:** Do not make applications less than 7 days apart
- Do not apply more than a total of 20 oz of Blackhawk (0.45 lb ai spinosad) per acre per year or make more than 3 applications per 30 days or 6 applications per crop