

Foliar insecticides for fall armyworm*

Active ingredient (group #)	Example products	How it kills	Harvest and grazing intervals	Residual expectations ^Ω	Suppression notes
Carbaryl (1A)	Sevin XLR Plus	Contact or ingestion of treated material; dies from respiratory failure	Harvest: 14 days Grazing: 14 days	Medium	Good coverage is necessary; rapid knockdown
Methomyl (1A)	Lannate LV2.4	Contact or ingestion of treated material; dies from respiratory failure	Harvest: 3 days Grazing: 7 days	Low	Good coverage is necessary; rapid knockdown
Beta-cyfluthrin (3A)	Baythroid XL	Contact or ingestion of treated material; starves to death	Harvest: 0 days Grazing: 0 days	Low	Good coverage is necessary; rapid knockdown
Cyfluthrin (3A)	Tombstone	Contact or ingestion of treated material; starves to death	Harvest: 0 days Grazing: 0 days	Low	Good coverage is necessary; rapid knockdown
Gamma-cyhalothrin (3A)	Declare	Contact or ingestion of treated material; starves to death	Harvest: 7 days Grazing: 0 days	Low	Good coverage is necessary; rapid knockdown
Zeta-cypermethrin (3A)	Mustang Maxx	Contact or ingestion of treated material; starves to death	Harvest: 0 days Grazing: 0 days	Low	Good coverage is necessary; rapid knockdown
Spinosad (5)	Blackhawk	Contact or ingestion of treated material; starves to death	Harvest: 3 days Grazing: 0 days	Low	Good coverage is necessary; rapid knockdown
Diflubenzuron (15)	Dimilin 2L	Ingestion of treated material; dies after unsuccessful molt	Harvest: 1 day Grazing: not specified	Medium	Only works on small (<1 inch) caterpillars; may take a few days to see results
Methoxyfenozide (18)	Intrepid 2F	Ingestion of treated material; dies after unsuccessful molt	Harvest: 0 days Grazing: 0 days	Medium	Only works on small (<1 inch) caterpillars; may take a few days to see results
Chlorantraniliprole (28)	Prevathon	Ingestion of treated material; stops feeding	Harvest: 0 days Grazing: 0 days	High	Feeding stops right away; death takes 24-72 hours
Lamba-cyhalothrin (3A) + Chlorantraniliprole (28)	Beseige	Contact or ingestion of treated material; starves to death	Harvest: 7 days Grazing: 0 days	High	Rapid knockdown

*Use pesticides according to label directions. Trade names are used only to give specific information. Table generated by Katelyn Kesheimer, Auburn.

^ΩLow = <1 week; Medium = 1-3 weeks; High = 3-4 weeks.