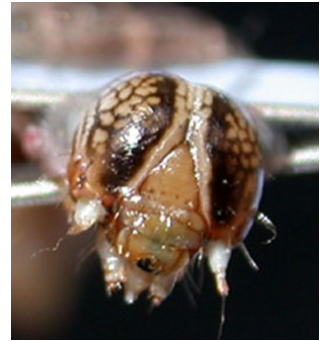


Fall Armyworms



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How Many is too Many

- Alfalfa:
 - 1-2 caterpillars per sqft can destroy seedling alfalfa.
 - 10-15 per sqft can destroy 12" tall plants.
- Sorghum:
 - 1-2 larvae/head during flowering to soft dough reduces yield by 5-10%.
- Wheat:
 - If 25-30% of plants show damage, examine the field frequently.
 - Treat at 2-3 active larvae/ft.
- Pasture/Brome:
 - 4 - 5 active larvae/ft.

Weather patterns play a major role:

- Optimal development/reproductive: 78-86F
- Minimum for egg and larval growth: 55F
- Larval development declines: > 90F
- Eggs stop hatching stops: 100F

Arrive in July/August and last until killing frost

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Products labeled for Fall Armyworms

Chemical Name	Trade Name	Mode of Action Class	Alfalfa	Corn	Sorghum	Wheat	Grass Forage/Hay
<i>alpha-cypermethrin</i>	Fastac CS	3A	yes	yes	yes	yes	yes
<i>beta-cyfluthrin</i>	Baythroid XL	3A	yes	yes	yes	yes	yes
<i>bifenthrin</i>	numerous products	3A		yes			yes
<i>biological insecticide</i>	Fawligen	-			yes		
<i>carbaryl</i>	Sevin	1A	yes				yes
<i>chlorantraniliprole</i>	Vantacore	28		yes	yes	yes	yes
<i>cyfluthrin</i>	Tombstone	3A	yes	yes			yes
<i>deltamethrin</i>	Delta Gold	3A		yes	yes		
<i>gamma-cyhalothrin</i>	Proaxis	3A	yes	yes	yes	yes	
<i>indoxacarb</i>	Steward EC	22A		yes			
<i>lambda-cyhalothrin+chlorantraniliprole</i>	Besiege	3A+28	yes	yes			yes
<i>lambda-cyhalothrin</i>	numerous products	3A	yes	yes	yes	yes	yes
<i>methomyl</i>	Lannate	1A	yes	yes	yes		yes*
<i>methoxyfenozide</i>	Intrepid 2F	18			yes		
<i>permethrin</i>	numerous products	3A	yes				
<i>spinosad</i>	Blackhawk	5		yes	yes	yes	yes
<i>zeta-cypermethrin</i>	Mustang MAXX	3A	yes	yes	yes	yes	
<i>zeta-cypermethrin+bifenthrin</i>	Hero	3A		yes			