

SUNFLOWER INSECT CONTROL

Insect	Insecticide	Formulation/Acre	Lb ai/Acre	Acres/Gallon	Application/Comments	Restricted Entry Interval (hours)	Minimum Days From Last Application to Harvest	
Sunflower Head Moth	<i>Bacillus thuringiensis</i>	Check label.				4		
	Many insecticides (particularly Asana, Adjournal, Baythroid, Silencer, Proaxis, Declare, Mustang Maxx, Respect, Lambda-Cy and Karate) are very hazardous to honeybees. If blooming sunflowers must be treated, notify local beekeepers so that bees can be moved or confined during application.							
	chlorpyrifos (R) Lorsban Adv. 3.755 EC (See Generic Insecticides)	1.0-1.5 pt	0.47-0.7	5.3-8	DO NOT apply more than 6 pt of chlorpyrifos 4 E per season. DO NOT allow livestock to graze in treated areas.	24	42	
	lambda-cyhalothrin + chlorantraniliprole Besiege 1.252	5-10 oz	0.049-0.098	12.8-25.6		24	45	
	beta-cyfluthrin (R) Baythroid XL 1 EC	2.0-2.8 oz	0.016-0.022	45.5-64		12	30	
	esfenvalerate (R) Asana XL 0.66 EC (See Generic Insecticides)	5.8-9.6 oz	0.03-0.05	13-22	DO NOT exceed 0.2 lb ai per acre of Asana or Adjournal per season.	12	28	
	flubendiamide Belt 4 SC	2-4 fl oz	0.0625-0.125	32-64	DO NOT graze or feed treated forage to livestock.	12	14	
	gamma-cyhalothrin (R) Proaxis 0.5 CS Declare 1.25 CS	2.56-3.84 oz 1.02-1.54 oz	0.01-0.015	33-50 83-125.5		24	45	
	lambda-cyhalothrin (R) Karate 2.08 CS (See Generic Insecticides)	1.28-1.92 oz	0.02-0.03	66.7-100	DO NOT exceed 0.12 lb ai per acre of Karate, Silencer or Lambda-Cy per season after bloom initiation. DO NOT apply as an ULV spray.	24	45	
	methadathion Supracide 2 E	2.0 pt	0.5	4	DO NOT graze Supracide-treated areas or feed treated forage to livestock.	72	50	
zeta-cypermethrin 0.8 EC (R) Mustang Maxx/Respect	2.24-4.0 oz	0.014-0.025	32-57		12	30		
Cutworm	chlorpyrifos (R) Lorsban 15 G	6.75 lb	1.0		At planting, place Lorsban granules in 6- to 7-inch band over the row behind planter. Incorporate in top 1-inch of soil.	24	42	
	beta-cyfluthrin (R) Baythroid XL 1 EC	0.8-1.6 oz	0.007-0.013	80-160	Treat at 1 or more cutworms per sq ft or if plant stand losses are approaching the lower limits for optimum plant population.	12	30	
	esfenvalerate (R) Asana XL 0.66 EC (See Generic Insecticides)	5.8-9.6 oz	0.03-0.05	13-22		12	28	
	gamma-cyhalothrin (R) Proaxis 0.5 CS Declare 1.25 CS	1.92-3.2 oz 0.77-1.28 oz	0.0075-0.0125	40-67 100-166		24	45	
	lambda-cyhalothrin (R) Karate 2.08 CS (See Generic Insecticides)	0.96-1.6 oz	0.015-0.025	80-133		24	45	
	zeta-cypermethrin 0.8 EC (R) Mustang Maxx/Respect	2.24-4.0 oz	0.014-0.025	32-57		12	30	