

PEANUT INSECT CONTROL

Insect	Insecticide	Formulation/Acre	Lb ai/Acre	Acres/Gallon	Application/Comments	Minimum Days From Last Application to Harvest	Restricted Entry Interval (hours)	
Thrips  Treat with foliar insecticides when 25% of newly emerged leaflets show damage from thrips.	acephate Orthene 97	6-12 oz	0.375-0.75		DO NOT graze or feed vines treated with Acephate.	14	24	
	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	33.3-50 83-125		14 14	24 24	
	imidacloprid Admire Pro 4.6 F (at planting) Admire Pro 4.6 F (foliar)	7-10.5 fl oz 1.2 oz	0.04-0.38 0.043	107	Apply in-furrow at planting. Do not apply while bees are foraging.	14 14	12 12	
	lambda-cyhalothrin (R) Warrior II 2.08 CS (See Generic Insecticides)	1.28-1.92 oz	0.02-0.03 0.038-0.075	66.6-100	DO NOT graze or feed vines treated with Warrior.	14	24	
	phorate (R) Thimet 20 G	5.5 oz/1,000 ft of row			DO NOT graze or feed vines to livestock.	90	48	
	Threecornered Alfalfa Hopper	beta-cyfluthrin (R) Baythroid XL 1 EC	1.8-2.4 oz	0.014-0.019	53.3-71		14	12
		bifenthrin (R) Brigade 2 EC (See Generic Insecticides)	2.1-6.4 oz	0.033-0.1	20-61	DO NOT graze or feed vines to livestock.	14	12
carbaryl Sevin XLR or 4 F		1 qt	1	4	DO NOT apply during bloom.	14	12	
esfenvalerate (R) Asana XL 0.66 EC (See Generic Insecticides)		2.9-5.8 oz	0.015-0.03	22-44	DO NOT graze or feed vines to livestock.	21	12	
lambda-cyhalothrin (R) Warrior II 2.08 CS (See Generic Insecticides)		0.96-1.6 oz	0.01-0.026	80-133	DO NOT graze or feed vines treated with Warrior.	14	24	
Potato Leaf Hopper	acephate Orthene 97	0.77 lb	0.75		DO NOT graze or feed vines treated with Acephate.	14	24	
	carbaryl Sevin XLR or 4 F	1 qt	1	4	DO NOT apply during bloom.	14	12	
	esfenvalerate (R) Asana XL 0.66 EC (See Generic Insecticides)	2.9-5.8 oz	0.015-0.03	22-44	DO NOT graze or feed vines to livestock.	21	12	
	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	40-66.7 100-167		14 14	24 24	
	lambda-cyhalothrin (R) Warrior II 2.08 CS (See Generic Insecticides)	0.96-1.6 oz	0.015-0.025	80-133	DO NOT graze or feed vines to livestock.	14	24	
	methomyl (R) Lannate 2.4 LV	12 oz	0.35	10.6	DO NOT graze or feed vines to livestock.	21	48	

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<b>Cutworm</b>	beta-cyfluthrin (R) Baythroid XL 1 EC	1.0-1.8 oz	0.008-0.014	71-128		14	12
	bifenthrin (R) Brigade 2 EC <i>(See Generic Insecticides)</i>	2.1-6.4 oz	0.033-0.1	20-61	DO NOT graze or feed vines to livestock.	14	12
	carbaryl Sevin XLR or 4 F	2 qt	2.0	2	DO NOT apply during bloom.	1	12
	chlorantraniliprole Prevathon 0.43 SC	20 oz	0.067	6.4		1	4
	esfenvalerate (R) Asana XL 0.66 EC <i>(See Generic Insecticides)</i>	5.8-9.6 oz	0.03-0.05	13-22	DO NOT graze or feed vines to livestock.	21	12
	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	40-66.7 100-166		14 14	24 24
	indoxacarb Steward 1.25 SC	9.2-11.3 oz	0.09-0.11	11-14		14	12
	lambda-cyhalothrin (R) Warrrior II 2.08 CS <i>(See Generic Insecticides)</i>	0.96-1.6 oz 2.1-6.4 oz	0.015-0.025	80-133	DO NOT graze or feed vines to livestock.	14	24
	zeta-cypermethrin (R) Mustang Maxx 0.8 EC <i>(See Generic Insecticides)</i>	1.28-4.0 oz	0.008-0.025	32-100	DO NOT graze or feed vines to livestock.	7	12
	<b>Corn Earworm</b>  Consider treatment when total worms exceed 4 per row foot and foliage loss exceeds 15%.	beta-cyfluthrin (R) Baythroid XL 1 EC	1.8-2.4 oz	0.014-0.019	53.3-71		14
bifenthrin (R) Brigade 2 EC <i>(See Generic Insecticides)</i>		2.1-6.4 oz	0.033-0.1	20-60	DO NOT graze or feed vines to livestock.	14	12
bifenthrin + chlorantraniliprole (R) Elevest 2.22 SC		5.6-9.6 oz	0.098-0.167	13.3-23	DO NOT graze or feed vines to livestock.	14	12
carbaryl Sevin XLR or 4 F		2-3 pt	1.0-1.5	2.7-4.0	DO NOT apply during bloom.	14	12
chlorantraniliprole Prevathon 0.43 SC Vantacor 5 SC		14-20 oz 1.2-2.5 oz	0.047-0.067	6.4-9 51.2-85.3		1	4
esfenvalerate (R) Asana XL 0.66 EC <i>(See Generic Insecticides)</i>		2.9-5.8 oz	0.015-0.03	22-44	DO NOT graze or feed vines to livestock.	21	12

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<b>Corn Earworm</b> (cont.)	gamma-cyhalothrin (R) Proaxis 0.5 CS	2.56-3.84	0.01-0.015	33.3-50		14	24
	Declare 1.25 CS	1.02-1.54 oz		83-125		14	24
	indoxacarb Steward 1.25 SC	9.2-11.3 oz	0.09-0.11	11-14		14	12
	lambda-cyhalothrin (R) Warrior II 2.08 CS (See Generic Insecticides)	1.28-1.92 oz	0.02-0.03	66.6-100	DO NOT graze or feed vines to livestock.	14	24
	lambda-cyhalothrin + chlorantraniliprole (R) Besiege 1.25 SC	6-10 oz	0.06-0.1	13-21		14	24
	methomyl (R) Lannate 2.4 LV	0.75-3 pt	0.22-0.9	2.6-10.6	DO NOT graze or feed vines to livestock.	21	48
	methoxyfenozide + spinetoram Intrepid Edge 3 F	4-8 oz	0.0975-0.187	16-32	DO NOT graze or feed vines to livestock.	7	4
	zeta-cypermethrin (R) Mustang Maxx 0.8 EC	3.2-4.0 oz	0.02-0.025	32-40	DO NOT graze or feed vines to livestock.	7	12
<b>Beet Armyworm</b>  Consider treatment when total worms exceed 4 per row foot and foliage loss exceeds 15%.	chlorantraniliprole Prevathon 0.43 SC	14-20 oz	0.047-0.067	6.4-9		1	4
	Vantacor 5 SC	1.2-2.5 oz		51.2-85.3			
	indoxacarb Steward 1.25 SC	9.2-11.3 oz	0.09-0.11	11-14		14	12
	lambda-cyhalothrin + chlorantraniliprole (R) Besiege 1.25 SC	10 oz	0.1	13	DO NOT graze or feed vines to livestock.	14	24
	methomyl (R) Lannate 2.4 LV	1.5-3.0 pt	0.45-0.9	2.7-5.3	DO NOT graze or feed vines to livestock.	21	48
	methoxyfenozide Intrepid 2 F	6-10 oz	0.09-0.16	13-21.3		7	4
	methoxyfenozide + spinetoram Intrepid Edge 3 F	4-8 oz	0.0975-0.187	16-32	DO NOT graze or feed vines to livestock.	7	4
	spinosad Blackhawk	1.7-3.3 oz	0.038-0.075			14	4
<b>Fall Armyworm</b>  Consider treatment when total worms exceed 4 per row foot and foliage loss exceeds 15%.	bifenthrin + chlorantraniliprole (R) Elevest 2.22 SC	5.6-9.6 oz	0.098-0.157	13.3-23	DO NOT graze or feed vines to livestock.	14	12
	carbaryl Sevin XLR or 4 F	1-1.5 qt	1.0-1.5	2.7-4	DO NOT apply during bloom.	14	12
	chlorantraniliprole Prevathon 0.43 SC	14-20 oz	0.047-0.067	6.4-9		1	4
	Vantacor 5 SC	1.2-2.5 oz		51.2-85.3			

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<b>Fall Armyworm</b> (cont.)  Consider treatment when total worms exceed 4 per row foot and foliage loss exceeds 15%.	indoxacarb Steward 1.25 SC	9.2-11.3 oz	0.09-0.11	11-14		14	12
	lambda-cyhalothrin + chlorantraniliprole (R) Besiege 1.25 SC	6-10 oz	0.06-0.1	13-21	DO NOT graze or feed vines to livestock.	14	24
	methomyl (R) Lannate 2.4 LV	0.75-3 pt	0.22-0.9	2.6-10.6	DO NOT graze or feed vines to livestock.	21	48
	methoxyfenozide + spinetoram Intrepid Edge 3 F	4-8 oz	0.0975-0.187	16-32	DO NOT graze or feed vines to livestock.	7	4
	spinosad Blackhawk	1.7-3.3 oz	0.038-0.075			14	4
<b>Velvetbean Caterpillar</b>  Consider treatment when total foliage loss exceeds 15% and worms are present.	beta-cyfluthrin (R) Baythroid XL 1 EC	1.0-1.8 oz	0.008-0.014	71-128		14	12
	bifenthrin (R) Brigade 2 EC (See <i>Generic Insecticides</i> )	2.1-6.4 oz	0.033-0.1	20-61	DO NOT graze or feed vines to livestock.	14	12
	bifenthrin + chlorantraniliprole (R) Elevest 2.22 SC	4.8-9.6 oz	0.084-0.167	13.3-26.7	DO NOT graze or feed vines to livestock.	14	12
	carbaryl Sevin XLR or 4 F	2 pt	1	4	DO NOT apply during bloom.	14	12
	chlorantraniliprole Prevathon 0.43 SC Vantacor 5 SC	14-20 oz 1.2-2.5 oz	0.047-0.067	6.4-9 51.2-85.3		1	4
	esfenvalerate (R) Asana XL 0.66 EC (See <i>Generic Insecticides</i> )	2.9-5.8 oz	0.015-0.03	22-44	DO NOT graze or feed vines to livestock.	21	12
	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	40-66.7 100-166		14 14	24 24
	lambda-cyhalothrin (R) Warrior II 2.08 CS (See <i>Generic Insecticides</i> )	0.96-1.6 oz	0.015-0.025	80-133	DO NOT graze or feed vines to livestock.	14	24
	lambda-cyhalothrin + chlorantraniliprole (R) Besiege 1.25 SC	6-10 oz	0.06-0.1	13-21	DO NOT graze or feed vines to livestock.	14	24
	methoxyfenozide + spinetoram Intrepid Edge 3 F	4-8 oz	0.0975-0.187	16-32	DO NOT graze or feed vines to livestock.	7	4
	zeta-cypermethrin (R) Mustang Maxx 0.8 EC (See <i>Generic Insecticides</i> )	3.2-4.0 oz	0.02-0.025	32-40	DO NOT graze or feed vines to livestock.	7	12

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Insect	Insecticide	Formulation/Acre	Lb ai/Acre	Acres/Gallon	Application/Comments	Minimum Days From Last Application to Harvest	Restricted Entry Interval (hours)
Red-Necked Peanut Worm  Treat when 50% of plants are infested.	bifenthrin (R) Brigade 2 EC (See Generic Insecticides)	2.1-6.4 oz	0.033-0.1	20-61	DO NOT graze or feed vines to livestock.	14	12
	bifenthrin + chlorantraniliprole (R) Elevest 2.22 SC	4.8-9.6 oz	0.084-0.167	13.3-26.7	DO NOT graze or feed vines to livestock.	14	12
	esfenvalerate (R) Asana XL 0.66 EC (See Generic Insecticides)	2.9-5.8 oz	0.015-0.03	22-44	DO NOT graze or feed vines to livestock.	21	12
	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	40-66.7 100-166		14 14	24 24
	lambda-cyhalothrin (R) Warrior II 2.08 CS (See Generic Insecticides)	0.96-1.6 oz	0.015-0.025	80-133	DO NOT graze or feed vines to livestock.	14	24
	lambda-cyhalothrin + chlorantraniliprole (R) Besiege 1.25 SC	6-10 oz	0.06-0.1	13-21	DO NOT graze or feed vines to livestock.	14	24
	methoxyfenozide + spinetoram Intrepid Edge 3 F	4-8 oz	0.0975-0.187	16-32	DO NOT graze or feed vines to livestock.	7	4
	zeta-cypermethrin (R) Mustang Maxx 0.8 EC (See Generic Insecticides)	3.2-4.0 oz	0.02-0.025	32-40	DO NOT graze or feed vines to livestock.	7	12
Lesser Cornstalk Borer	bifenthrin + chlorantraniliprole (R) Elevest 2.22 SC	5.6-9.6 oz	0.098-0.167	13.3-23	DO NOT graze or feed vines to livestock.	14	12
	chlorantraniliprole (R) Vantacor 5 FS	1.2-2.5 oz	0.047-0.098	51.2-106.7		1	4
	lambda-cyhalothrin + chlorantraniliprole (R) Besiege 1.25 SC	10 oz	0.1	13	DO NOT graze or feed vines to livestock.	14	12
Southern Corn Rootworm	No effective products currently labeled for rescue treatments						
Spider Mite	bifenthrin (R) Brigade 2 EC (See Generic Insecticides)	5.12-6.4 oz	0.08-0.1	25-60	DO NOT graze or feed vines to livestock.	14	12
	propargite Comite 6.55 EC Omite 30 W	32 oz 5 lbs	1.64	4	DO NOT graze or feed vines to livestock.	14 14	48 48
	fenpyroximate Portal XLO 0.4 EC	1 - 2 pts	0.5 - 0.1	8 - 4	DO NOT make more than 2 applications/year. Do not apply at intervals closer than 14 days apart.	1	12