

PEANUT INSECT CONTROL

Insect	Insecticide	Formulation/Acre	Lb ai/Acre	Acres/Gallon	Application/Comments	Minimum Days From Last Application to Harvest
<b>Thrip</b>	acephate Orthene 97	6-12 oz	0.375-0.75		Treat with foliar insecticides when 25% of newly emerged leaflets show damage from thrips.	14 (of digging)
	aldicarb (R) Temik 15 G	4-7 lb	0.6-1.05		Apply granules in seed furrow and cover with soil.	90
	$\gamma$ -cyhalothrin (R) Prolex/Declare 1.25 CS	1.02-1.54 oz	0.01-0.015	83-125		14
	$\lambda$ -cyhalothrin (R) Karate Z 2.08 CS (See generics, p. 26)	1.28-1.92 oz	0.02-0.03	66.6-100	DO NOT graze or feed vines treated with Karate.	14
	phorate (R) Thimet 20 G	5.5 oz/1,000 ft of row			DO NOT apply more than 7.5 lb/acre. DO NOT graze or feed treated hay or forage to livestock.	90
	<b>Threecornered Alfalfa Hopper</b>	$\beta$ -cyfluthrin (R) Baythroid XL 1 EC	1.8-2.4 oz	0.014-0.019	53.3-71	
bifenthrin (R) Brigade 2 EC (See generics, p. 26)		2.1-6.4 oz	0.033-0.1	20-60		14
carbaryl Sevin XLR or 4 F Sevin 80 S		1 qt 1.25 lb	1.0	4		14
esfenvalerate (R) Asana XL 0.66 EC (See generics, p. 26)		2.9-5.8 oz	0.015-0.03	22-44	DO NOT graze or feed treated hay or forage to livestock.	21
$\lambda$ -cyhalothrin (R) Karate Z 2.08 CS (See generics, p. 26)		1.28-1.92 oz	0.02-0.03	66.6-100	DO NOT graze or feed vines treated with Karate.	14
<b>Potato Leaf Hopper</b>		acephate Orthene 97	0.77 lb	0.75		
	carbaryl Sevin XLR or 4 F Sevin 80 S	1 qt 1.25 lb	1.0	4		14
	esfenvalerate (R) Asana XL 0.66 EC (See generics, p. 26)	2.9-5.8 oz	0.015-0.03	22-44	DO NOT graze or feed treated hay or forage to livestock.	21
	$\gamma$ -cyhalothrin (R) Prolex/Declare 1.25 CS	0.77-1.28 oz	0.0075-0.0125	100-167		14
	$\lambda$ -cyhalothrin (R) Karate Z 2.08 CS (See generics, p. 26)	0.96-1.6 oz	0.015-0.025	80-133	DO NOT graze or feed treated hay or forage to livestock.	14
	methomyl (R) Lannate 2.4 LV	12 oz	0.35	10.6		21

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<b>Cutworm</b>	β-cyfluthrin (R) Baythroid XL 1 EC	1.0-1.8 oz	0.008-0.014	71-128		14
	bifenthrin (R) Brigade 2 EC (See generics, p. 26)	2.1-6.4 oz	0.033-0.1	20-60		14
	carbaryl Sevin 80 S Sevin XLR or 4 F	2.5 lb 2 qt	2.0	2	Observe plant response precautions.	14
	esfenvalerate (R) Asana XL 0.66 EC (See generics, p. 26)	5.8-9.6 oz	0.03-0.05	13.3-22.1	DO NOT exceed 0.15 lb ai per acre of Asana per season. DO NOT feed or graze vines treated with Asana.	21
	γ-cyhalothrin (R) Prolex/Declare 1.25 CS	0.77-1.28 oz	0.0075-0.0125	100-166		14
	indoxacarb Steward 1.25 SC	9.2-11.3 oz	0.09-0.11	11-14		14
	λ-cyhalothrin (R) Karate Z 2.08 CS (See generics, p. 26)	0.96-1.6 oz	0.015-0.025	80-133	DO NOT exceed 0.12 lb ai per acre per season. DO NOT graze or feed vines treated with Karate.	14
	ζ-cypermethrin 0.8 EC (R) Mustang Max/Respect	1.28-4.0 oz	0.008-0.025	32-100		7
	<b>Corn Earworm</b>	β-cyfluthrin (R) Baythroid XL 1 EC	1.8-2.4 oz	0.014-0.019	53.3-71	
bifenthrin (R) Brigade 2 EC (See generics, p. 26)		2.1-6.4 oz	0.033-0.1	20-60		14
carbaryl Sevin 80 S Sevin XLR or 4 F		1.25-1.9 lb 2-3 pt	1.0-1.5	2.7-4	Consider treatment when total worms exceed 4 per row foot and foliage loss exceeds 15%.	14
esfenvalerate (R) Asana XL 0.66 EC (See generics, p. 26)		2.9-5.8 oz	0.015-0.03	22.1-44.1	DO NOT exceed 0.15 lb ai per acre of Asana per season. DO NOT feed or graze vines treated with Asana.	21
γ-cyhalothrin (R) Prolex/Declare 1.25 CS		1.02-1.54 oz	0.01-0.015	83-125		14
λ-cyhalothrin (R) Karate Z 2.08 CS (See generics, p. 26)		1.28-1.92 oz	0.02-0.03	66.6-100	DO NOT exceed 0.12 lb ai per acre of Karate per season. DO NOT feed or graze vines treated with Karate.	14

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<b>Corn Earworm</b>	indoxacarb Steward 1.25 SC	9.2-11.3 oz	0.09-0.11	11-14		14
	methomyl (R) Lannate 2.4 LV	0.75-1.5 pt	0.22-0.45	5.3-10.6		21
	ξ-cypermethrin 0.8 EC (R) Mustang Max/Respect	3.2-4.0 oz	0.02-0.025	32-40		7
<b>Beet Armyworm</b>	indoxacarb Steward 1.25 SC	9.2-11.3 oz	0.09-0.11	11-14	Consider treatment when total worms exceed 4 per row foot and foliage loss exceeds 15%.	14
	methomyl (R) Lannate 2.4 LV	1.5-3.0 pt	0.45-0.9	2.7-5.3	Up to 8 applications of Lannate per season. DO NOT graze or feed vines treated with Lannate.	21
	methoxyfenozide Intrepid 2 F	6-10 oz	0.09-0.16	12.8-21.3		7
	spinosad Tracer 4 F	2-3 oz	0.0625-0.09	42.7-64		3 (nuts) 14 (forage)
<b>Fall Armyworm</b>	carbaryl Sevin XLR or 4 F Sevin 80 S	1.0-1.5 qt 1.25-1.875 lb	1.0-1.5	2.7-4.0	Consider treatment when total worms exceed 4 per row foot and foliage loss exceeds 15%.	14
	indoxacarb Steward 1.25 SC	9.2-11.3 oz	0.09-0.11	11-14		14
	methomyl (R) Lannate 2.4 LV	1.125-1.5 pt	0.34-0.45	5.3-7.1	DO NOT apply more than 3.6 lb ai per acre of Lannate per season. DO NOT feed vines after treatment with Lannate.	21
	spinosad Tracer 4 F	2-3 oz	0.0625-0.09	42.7-64		3 (nuts) 14 (forage)
<b>Velvetbean Caterpillar</b>	carbaryl Sevin 80 S Sevin XLR or 4 F	1.25 lb 2 pt	1	4	Consider treatment when total foliage loss exceeds 15% and worms are present.	14
	β-cyfluthrin (R) Baythroid XL 1 EC	1.0-1.8 oz	0.008-0.014	71-128		14
	bifenthrin (R) Brigade 2 EC (See generics, p. 26)	2.1-6.4 oz	0.033-0.1	20-60		14
	esfenvalerate (R) Asana XL 0.66 EC (See generics, p. 26)	2.9-5.8 oz	0.015-0.03	22-44	DO NOT exceed 0.15 lb ai per acre of Asana per season. DO NOT feed or graze livestock on treated vines.	21

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<b>Velvetbean Caterpillar</b> (cont.)	$\gamma$ -cyhalothrin (R) Prolex/Declare 1.25 CS	0.77-1.28 oz	0.0075-0.0125	100-166		14
	$\lambda$ -cyhalothrin (R) Karate Z 2.08 CS (See generics, p. 26)	0.96-1.6 oz	0.015-0.025	80-133	DO NOT exceed 0.12 lb ai per acre of Karate per season. DO NOT feed or graze livestock on vines treated with Karate.	14
	$\zeta$ -cypermethrin 0.8 EC (R) Mustang Max/Respect	3.2-4.0 oz	0.02-0.025	32-40		7
<b>Red-Necked Peanut Worm</b>	bifenthrin (R) Brigade 2 EC (See generics, p. 26)	2.1-6.4 oz	0.033-0.1	20-60		14
	esfenvalerate (R) Asana XL 0.66 EC (See generics, p. 26)	2.9-5.8 oz	0.015-0.03	22-44	DO NOT exceed 0.15 lb ai per acre of Asana per season. DO NOT feed or graze livestock on treated vines.	21
	$\gamma$ -cyhalothrin (R) Prolex/Declare 1.25 CS	0.77-1.28 oz	0.0075-0.0125	100-166		14
	$\lambda$ -cyhalothrin (R) Karate Z 2.08 CS (See generics, p. 26)	0.96-1.6 oz	0.015-0.025	80-133	DO NOT exceed 0.12 lb ai per acre of Karate per season. DO NOT feed or graze livestock on vines treated with Karate.	14
	$\zeta$ -cypermethrin 0.8 EC (R) Mustang Max/Respect	3.2-4.0 oz	0.02-0.025	32-40		7
<b>Lesser Cornstalk Borer, Southern Corn Rootworm</b>	chlorpyrifos Lorsban 15 G	13.6 lb broadcast or banded	2		DO NOT apply more than 15 oz per 1,000 feet of row or 13.6 lb per acre of Lorsban per crop season. For banded applications, use a 10" to 18" band. If banding on row spacings other than 36", use 14.7 oz per 1,000 linear feet.	21
<b>Spider Mite</b>	bifenthrin (R) Brigade 2 EC (See generics, p. 26)	5.12-6.4 oz	0.08-0.1	25-60		14
	propargite Comite Omite 30 W	2 pt 3-5 lb	1.64 0.9-1.5	4	DO NOT apply Comite more than twice per season. DO NOT graze or feed livestock on treated areas or cut treated forage for hay. When temperatures are greater than 90 degrees F with high humidity, some leaf phytotoxicity may occur. Use minimum 20 gallons water by ground, 5 gallons by air. DO NOT plant unregistered crops within six months of last application.	14