



Bulletin

Extension

Control of Insect Pests of Field Crops

Bulletin 545 – 09

GRASSHOPPER IN SOYBEAN

Following is a listing of insecticide products labeled for control of grasshopper in soybean. An asterisk (*) indicates that use is restricted to certified applicators only.

Pest	Product Name (Common Name)	Amount per Acre	Pre-Harvest Interval (days)	When to Treat
Grasshopper	Adjourn* (esfenvalerate)	5.8 - 9.6 fl. oz.	21	Grasshopper damage to soybean is generally concentrated along the field edges especially grassy ditch banks and roadways. Such injury may build up during a growing season, possibly damaging pods in the late summer or early fall. Rescue treatment of grasshoppers may be warranted when such damage is combined with one or more other de-foliating insects feeding on soybean. ^a Do not apply this product within 45 days of planting if soybean seeds were treated with a neonicotinoid product.
	Asana* XL (esfenvalerate)	5.8 - 9.6 fl. oz.	21	
	Battalion* 0.2 EC (deltamethrin)	11.5 - 14.1 fl. oz.	21	
	Baythroid* XL (β-cyfluthrin)	2.0 - 2.8 fl. oz.	45	
	Brigade* 2EC (bifenthrin)	2.1 - 6.4 fl. oz.	18	
	Chlorpyrifos* 4E AG (chlorpyrifos)	½ - 1 pt.	28	
	Cobalt* (chlorpyrifos & gamma-cyhalothrin)	7 - 13 fl. oz.	30	
	Consero* (spinosad & gamma-cyhalothrin)	2 – 3 fl. oz.	45	
	Delta Gold* (deltamethrin)	1.5 - 1.9 fl. oz.	21	
	Dimethoate (dimethoate)	1 pt. 400, 4EC or Dimate 4E 1.5 pt. 2.67	21 21	
	Dimilin 2L (diflubenzuron)	2 fl. oz.	21	
	Endigo* ^a ZC (lambda-cyhalothrin & thiamethoxam)	3.5 - 4.5 fl. oz.	30	
	Furadan* 4F (carbofuran)	¼ - ½ pt.	21	
	Govern* 4E (chlorpyrifos)	½ - 1 pt.	28	
	Grizzly Z* (lambda-cyhalothrin)	3.20 - 3.84 fl. oz.	30	
Hatchet* (chlorpyrifos)	½ - 1 pt.	28		

Pest	Product Name (Common Name)	Amount per Acre	Pre-Harvest Interval (days)	When to Treat
Grasshopper (cont.)	Hero* (zeta-cypermethrin & bifenthrin)	2.6 - 6.1 oz.	21	
	Kaiso* 24WG (lambda-cyhalothrin)	1.67 - 2.0 oz.	45	
	Lambda* (lambda-cyhalothrin)	1.60 - 1.92 fl. oz.	45	
	Lambda-Cy* EC (lambda-cyhalothrin)	3.20 - 3.84 fl. oz.	45	
	LambdaStar* (lambda-cyhalothrin)	3.20 - 3.84 fl. oz.	45	
	Lambda-T* (lambda-cyhalothrin)	3.20 - 3.84 fl. oz.	45	
	Leverage* 2.7 (imidacloprid & cyfluthrin)	3.8 fl. oz.	45	
	Lorsban* 4E (chlorpyrifos)	½ - 1 pt.	28	
	Mustang MAX* (zeta-cypermethrin)	3.2 - 4.0 oz.	21	
	Mystic Z* (lambda-cyhalothrin)	1.5 - 1.92 fl. oz.	45	
	Nufos* 4E (chlorpyrifos)	½ - 1 pt	28	
	Orthene 97 (acephate)	0.25 - 0.5 lb.	14	
	Penncap-M* (methyl parathion)	2 - 3 pt.	20	
	Pilot* 4E (chlorpyrifos)	½ - 1 pt.	28	
	Proaxis* (gamma-cyhalothrin)	3.20 - 3.84 fl. oz.	30	
	Prolex* (gamma-cyhalothrin)	1.28 - 1.54 fl. oz.	30	
	Respect* EC (zeta-cypermethrin)	3.2 - 4.0 oz.	21	
	Silencer* (lambda-cyhalothrin)	3.20 - 3.84 fl. oz.	30	
	Taiga* Z (lambda-cyhalothrin)	3.20 - 3.84 fl. oz.	30	
	Tombstone Helios* (cyfluthrin)	2.0 - 2.8 fl. oz.	45	
	Tundra* EC (bifenthrin)	2.1 - 6.4 fl. oz.	18	
	Warrior* (lambda-cyhalothrin)	3.20 - 3.84 fl. oz.	30	
	Warrior II* (lambda-cyhalothrin)	1.60 - 1.92 fl. oz.	30	
Whirlwind* (chlorpyrifos)	½ - 1 pt.	28		
Yuma* 4E (chlorpyrifos)	½ - 1 pt.	28		