



Bulletin

Extension

Control of Insect Pests of Field Crops

Bulletin 545 – 09

BEAN LEAF BEETLE IN SOYBEAN

Following is a listing of insecticide products labeled for control of bean leaf beetle 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
Bean Leaf Beetle	Adjourn* (esfenvalerate)	5.8 - 9.6 fl. oz.	21	Treatment is warranted when defoliation is greater than 40% pre-bloom, 15% bloom through pod fill or 25% after pod fill but prior to plant yellowing. Treatment is also warranted when greater than 10% of the pods show feeding damage.
	Ambush* 25W (permethrin)	3.2 - 6.4 oz.	60	
	Arctic* 3.2 EC (permethrin)	2 - 4 fl. oz.	60	
	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)	1.6 - 2.8 fl. oz.	45	
	Brigade* 2EC (bifenthrin)	2.1 - 6.4 fl. oz.	18	
	Carbaryl 4L (carbaryl)	½ - 1 qt.	14	
	Chlorpyrifos* 4E AG (chlorpyrifos)	1 - 2 pt.	28	
	Cobalt* (chlorpyrifos & gamma-cyhalothrin)	19 - 38 fl. oz.	30	
	Consero* (spinosad & gamma-cyhalothrin)	2 - 3 fl. oz.	45	The disease Bean Pod Mottle Virus is transmitted by bean leaf beetles and may be important some years especially for producers growing seed for seed or food grade soybean. See Fact Sheet FC-23 for additional information. ^a Do not apply this product within 45 days of planting if soybean seeds were treated with a neonicotinoid product.
	CruiserMaxx (thiamethoxam)	3 fl. oz./100 lb. seed	na	
	Cruiser 5FS (thiamethoxam)	1.28 fl. oz./100 lb. seed	na	
	Delta Gold* (deltamethrin)	1.5 - 1.9 fl. oz.	21	
	Dimethoate (dimethoate)	1 pt. 400, 4EC or Dimate 4E	21	
	Endigo* ^a ZC (lambda-cyhalothrin & thiamethoxam)	3.5 - 4.5 fl. oz.	30	

Pest	Product Name (Common Name)	Amount per Acre	Pre-Harvest Interval (days)	When to Treat
Bean Leaf Beetle (cont.)	Furadan* 4F (carbofuran)	¼ - ½ pt.	21	
	Gaucho 480 (imidacloprid)	2 - 4 fl. oz./cwt seed	na	
	Govern* 4E (chlorpyrifos)	1 - 2 pt.	28	
	Grizzly Z* (lambda-cyhalothrin)	1.92 - 3.20 fl. oz.	30	
	Hatchet* (chlorpyrifos)	1 - 2 pt.	28	
	Hero* (zeta-cypermethrin & bifenthrin)	2.6 - 6.1 oz.	21	
	Kaiso* 24WG (lambda-cyhalothrin)	1.0 - 1.67 oz.	45	
	Lambda* (lambda-cyhalothrin)	0.96 - 1.6 fl. oz.	45	
	Lambda-Cy* EC (lambda-cyhalothrin)	1.92 - 3.20 fl. oz.	45	
	LambdaStar* (lambda-cyhalothrin)	1.92 - 3.20 fl. oz.	45	
	Lambda-T* (lambda-cyhalothrin)	1.92 - 3.20 fl. oz.	45	
	Lannate* (methomyl)	¼ - ⅜ lb. SP or ½ - 1 pt. LV	14	
	Larvin* 3.2 (thiodicarb)	18 - 30 fl. oz.	28	
	Leverage* 2.7 (imidacloprid & cyfluthrin)	3.8 fl. oz.	45	
	Lorsban* 4E (chlorpyrifos)	1 - 2 pt.	28	
	Mustang Max* (zeta-cypermethrin)	2.8 - 4.0 fl. oz.	21	
	Mystic Z* (lambda-cyhalothrin)	0.96 - 1.60 fl. oz.	45	
	Nufos* 4E (chlorpyrifos)	1 - 2 pt.	28	
	Orthene 97 (acephate)	0.75 - 1.0 lb.	14	
	PennCap-M* (methyl parathion)	2 - 3 pt	20	
	Permethrin* (permethrin)	2 - 4 oz 3.2 EC or 3.2 AG	60	
	Pilot* 4E (chlorpyrifos)	1 - 2 pt.	28	
	Perm-UP* (permethrin)	2 - 4 fl. oz. 3.2 EC 3.2 - 6.4 oz. 25DF	60 60	
	Pounce* 25WP (permethrin)	3.2 - 6.4 oz.	60	
	Proaxis* (gamma-cyhalothrin)	1.92 - 3.20 fl. oz.	30	
	Prolex* (gamma-cyhalothrin)	0.77 - 1.28 fl. oz.	30	
	Respect* EC (zeta-cypermethrin)	2.8 - 4 oz.	21	
	Senator 600 FS (imidacloprid)	1.6 - 3.2 fl. oz./cwt seed	na	

Pest	Product Name (Common Name)	Amount per Acre	Pre-Harvest Interval (days)	When to Treat
Bean Leaf Beetle (cont.)	Sevin (carbaryl)	½ - 1 qt. XLR Plus or 4F ⅝ - 1¼ lb. 80S	14 14	
	Silencer* (lambda-cyhalothrin)	1.92 - 3.20 fl. oz.	30	
	Taiga* Z (lambda-cyhalothrin)	1.92 - 3.20 fl. oz.	30	
	Tombstone Helios* (cyfluthrin)	1.6 - 2.8 fl. oz.	45	
	Tundra* EC (bifenthrin)	2.1 - 6.4 fl. oz.	18	
	Warhawk* (chlorpyrifos)	1 - 2 pt.	28	
	Warrior* (lambda-cyhalothrin)	1.92 - 3.20 fl. oz.	30	
	Warrior II* (lambda-cyhalothrin)	0.96 - 1.60 fl. oz.	30	
	Whirlwind* (chlorpyrifos)	1 - 2 pt.	28	
	Yuma* 4E (chlorpyrifos)	1 - 2 pt.	28	