



# Bulletin

Extension

## Control of Insect Pests of Field Crops

Bulletin 545 – 09

### MEXICAN BEAN BEETLE IN SOYBEAN

Following is a listing of insecticide products labeled for control of Mexican bean 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
<b>Mexican Bean Beetle</b>	Adjourn* (esfenvalerate)	2.9 - 5.8 fl. oz.	21	Rescue treatment is recommended when defoliation levels are greater than 40 percent pre-bloom; greater than 15 percent from bloom to pod-fill; and greater than 25 percent from full pod to harvest.  Treatments should only be applied when the observed level of defoliation and numbers of MBB both indicate that damage will increase.  See Fact Sheet FC-22 for additional information.  <sup>a</sup> Do not apply this product within 45 days of planting if soybean seeds were treated with a neonicotinoid product.
	Ambush* 25W (permethrin)	3.2 - 6.4 oz.	60	
	Arctic* 3.2 EC (permethrin)	2 - 4 fl. oz.	60	
	Asana* XL (esfenvalerate)	2.9 - 5.8 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 - 1½ pt.	28	
	Cobalt* (chlorpyrifos & gamma-cyhalothrin)	19 - 38 fl. oz.	30	
	Consero* (spinosad & gamma-cyhalothrin)	2 - 3 fl. oz.	45	
	CruiserMaxx (thiamethoxam)	3.0 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 1.5 pt. 2.67	21 21	
	Dimilin (diflubenzuron)	2 - 4 oz. 25W, 2 - 4 fl. oz. 2L	21	
	Endigo* <sup>a</sup> ZC (lambda-cyhalothrin & thiamethoxam)	2.5 - 3.5 fl. oz.	30	

Pest	Product Name (Common Name)	Amount per Acre	Pre-Harvest Interval (days)	When to Treat
<b>Mexican Bean Beetle</b> (cont.)	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)	4.0 - 10.3 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 - ½ lb. SP or ¾ - 1½ 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 - 1.6 fl. oz.	45	
	Nufos* 4E (chlorpyrifos)	1 - 1½ 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 AG or 3.2 EC	60	
	Perm-UP* (permethrin)	2 - 4 fl. oz. 3.2 EC 3.2 - 6.4 oz. 25DF	60 60	
	Pilot* 4E (chlorpyrifos)	1 - 1½ pt.	28	
	Pounce* (permethrin)	3.2 - 6.4 oz. 25WP	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	
	Sevin (carbaryl)	½ - 1 qt. 4F or XLR Plus 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	

Pest	Product Name (Common Name)	Amount per Acre	Pre-Harvest Interval (days)	When to Treat
<b>Mexican Bean Beetle</b> (cont.)	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	