



Bulletin

Extension

Control of Insect Pests of Field Crops

Bulletin 545 – 09

FLEA BEETLES IN CORN

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

Pest	Product Name (Common Name)	Amount per Acre	Application Method'	Pre-Harvest Interval (days)	When to Treat
Flea Beetles	Adjourn* (esfenvalerate)	5.8 - 9.6 fl. oz.	F	21	Several flea beetles may attack corn of which the corn flea beetle is the most important. The corn flea beetle is a vector of Stewart's wilt disease. Most corn varieties are now resistant to or tolerant of Stewart's wilt. Growers can expect significant populations of flea beetles on corn after mild winters.
	Ambush* 25W (permethrin)	6.4 - 12.8 oz.	F	30	
	Arctic* 3.2EC (permethrin)	4 - 8 fl. oz.	F	30	
	Asana* XL (esfenvalerate)	5.9 - 9.6 fl. oz.	F	21	
	Battalion* 0.2 EC (deltamethrin)	7.7 - 11.5 fl. oz.	F	21	
	Baythroid* XL (β-cyfluthrin)	0.8 - 1.6 fl. oz.	F	21	
	Bifenthrin* 2EC (bifenthrin)	2.1 - 6.4 fl. oz.	F	30	
	Bifenture* EC (bifenthrin)	2.1 - 6.4 fl. oz.	F	30	
	Brigade* 2EC (bifenthrin)	2.1 - 6.4 fl. oz.	F	30	
	Carbaryl 4L (carbaryl)	1 - 2 qt	F	48	
	Chlorpyrifos* 4E AG (chlorpyrifos)	2 - 3 pt.	F	21	
	Cobalt* (chlorpyrifos & gamma-cyhalothrin)	13 - 26 fl. oz.	F	21	
	Concur (imidacloprid)	1.5 oz./42 lb. of seed	AP - HST	na	
	Consero* (spinosad & gamma-cyhalothrin)	3 fl. oz.	F	28	
	Cruiser 5FS (thiamethoxam)	0.25 - 1.25 mg. a.i./kernel	AP - CST	na	
	Delta Gold* (deltamethrin)	1.0 - 1.5 fl. oz.	F	21	
Discipline* 2EC (bifenthrin)	2.1 - 6.4 fl. oz.	F	30		
Fanfare* 2EC (bifenthrin)	2.1 - 6.4 fl. oz.	F	30		
					Rescue treatment is warranted if plants begin to wilt and a potential loss in stand appears likely.
					For additional information about flea beetles, see FactSheet, FC-ENT-0012.

Pest	Product Name (Common Name)	Amount per Acre	Application Method'	Pre-Harvest Interval (days)	When to Treat
Flea Beetles (cont.)	Furadan* 4F (carbofuran)	2.5 fl. oz./1000 row ft. ½ pt.	AP F	28 28	
	Govern* 4E (chlorpyrifos)	1 - 2 pt.	F	35	
	Grizzly Z* (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	F	21	
	Hatchet* (chlorpyrifos)	1 - 2 pt.	F	35	
	Hero* (zeta-cypermethrin & bifenthrin)	2.6 - 6.1 oz.	F	30	
	Kaiso* 24WG (lambda-cyhalothrin)	1.33 - 2.0 oz.	F	21	
	Lambda-Cy* EC (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	F	21	
	LambdaStar* (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	F	21	
	Lambda-T* (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	F	21	
	Lannate* (methomyl)	¾ - 1½ pt. LV or ¼ - ½ lb. SP	F	21	
	Latitude (imidacloprid)	1.5 oz./42 lb. of seed	AP - HST	na	
	Lorsban* 4E (chlorpyrifos)	1 - 2 pt.	F	21	
	Mustang* MAX (zeta-cypermethrin)	2.72 - 4.0 fl. oz.	F	30	
	Mystic Z* (lambda-cyhalothrin)	1.28 - 1.92 fl. oz.	F	21	
	Nufos* 4E (chlorpyrifos)	1 - 2 pt.	F	21	
	PennCap-M* (methyl parathion)	2 - 3 pt.	F	12	
	PermaStar* AG (permethrin)	4 - 8 oz.	F	30	
	Permethrin* (permethrin)	4 - 8 oz. 3.2 AG or 3.2EC	F	30	
	Perm-UP* (permethrin)	4 - 8 fl. ozs. 3.2 EC 6.4 - 12.8 ozs. 25 DF	F F	30 30	
	Pilot* 4E (chlorpyrifos)	2 pt.	F	35	
	Poncho 600 (clothianidin)	0.25 - 1.25 mg. a.i./kernel	AP - CST	na	
	Pounce* (permethrin)	6.4 - 12.8 fl. oz. 25 WP 4 - 8 fl. oz. 3.2 EC	F F	30 30	
	Proaxis* (gamma-cyhalothrin)	2.56 - 3.84 fl. oz.	F	21	
	Respect* EC (zeta-cypermethrin)	2.72 - 4 oz.	F	30	
	Senator 600 (imidacloprid)	0.60 - 1.34 mg ai/seed	AP - CST	na	
	Sevin (carbaryl)	1 - 2 qt. 4F or XLR Plus 1¼ - 2½ lbs. 80S	F F	48 48	
	Silencer* (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	F	21	
	Sniper* (bifenthrin)	2.1 - 6.4 fl. oz.	F	30	

Pest	Product Name (Common Name)	Amount per Acre	Application Method ¹	Pre-Harvest Interval (days)	When to Treat
	Taiga* Z (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	F	21	
	Tombstone Helios* (cyfluthrin)	0.8 - 1.6 fl. oz.	F	21	
	Tundra* (bifenthrin)	2.56 - 3.84 fl. oz.	F	30	
	Warhawk* (chlorpyrifos)	1 - 2 pt.	F	21	
	Warrior* (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	F	21	
	Warrior* II (lambda-cyhalothrin)	1.28 - 1.92 fl. oz.	F	21	
	Whirlwind* (chlorpyrifos)	1 - 2 pt.	F	35	
	Yuma* 4E (chlorpyrifos)	1 - 2 pt.	F	21	

¹ AP-CST = material applied at planting time as a commercially applied seed treatment, AP-HST = material applied at planting time as a hopper-box seed treatment, F = material applied broadcast foliar