



Bulletin

Extension

Control of Insect Pests of Field Crops

Bulletin 545-07

SEEDCORN MAGGOT IN CORN

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

Pest	Product Name (Common Name)	Amount per Acre	Application Method ¹	Pre-Harvest Interval (days)	When to Treat
Seedcorn Maggot	Arctic* 3.2EC (permethrin)	0.30 fl. oz./1000 row ft.	AP	30	In general, seed-corn maggot problems are most likely to occur in situations where (1) high organic matter or decaying vegetation attracts egg-laying adult flies (i.e., a green cover crop such as rye or alfalfa is plowed or disked under, and (2) cool, damp soil conditions delay seed germination and prolong the period vulnerable to maggot attack. See FactSheet FC-ENT-0012 for additional information. ^b Also labeled for Seedcorn Beetle
	Aztec* ^b (tebupirimphos & cyfluthrin)	6.7 oz./1000 row ft. 2.1G 3 oz./1000 row ft. 4.67G	AP AP - SB	na na	
	Baythroid* (cyfluthrin)	0.12-0.16 fl.oz./1000 row ft. (2 or XL)	AP	21	
	Bifenthrin* ^b 2EC (bifenthrin)	0.15-0.3 fl.oz./1000 row ft	AP	30	
	Capture 2* ^b EC (bifenthrin)	0.15-0.3 fl.oz./1000 row ft	AP	30	
	Chlorpyrifos ^b (chlorpyrifos)	8 oz./1000 ft. 15G	AP	35	
	Concur ^b (imidacloprid)	1.5 oz./42 lb. of seed	AP - HST	na	
	Counter* CR (terbufos)	6 oz./1000 row ft.	AP	na	
	Cruiser 5FS ^b (thiamethoxam)	0.25 - 1.25 mg a.i./kernel	AP - CST	na	
	Defcon* ^b 2.1G (tebupirimphos & cyfluthrin)	6.7 oz./1000 ft.	AP	na	
	Discipline* ^b 2EC (bifenthrin)	0.15-0.3 fl. oz./1000 row ft	AP	30	
	Empower* ^b 2 (bifenthrin)	6.4 - 8.0 oz./1000 ft.	AP	30	
	Fanfare* ^b 2EC (bifenthrin)	0.15-0.3 fl. oz./1000 row ft.	AP	30	
	Force* ^b 3G (tefluthrin)	4 - 5 oz./1000 ft.	AP	na	
	Fortress* (chlorethoxyfos)	7.4 oz./1000 row ft. 2.5G 3.0-3.75 oz./1000 row ft. 5G	AP AP - SB	na na	
	Furadan* 4F (carbofuran)	2.5 fl. oz./1000 row ft.	AP	30	

Pest	Product Name (Common Name)	Amount per Acre	Application Method ¹	Pre-Harvest Interval (days)	When to Treat
Seedcorn Maggot (cont.)	Germate Plus ^b (diazinon + lindane)	1.5 oz/42 lb. of seed	AP-HST	na	
	Kernel Gurad ^b (diazinon + lindane)	1.5 oz/42 lb. of seed	AP - HST	na	
	Kernel Guard Supreme ^b (permethrin)	1.5 oz./42 lb. of seed	AP - HST	na	
	Kickstart ^b (diazinon + lindane)	1.5 oz./42 lb. of seed	AP - HST	na	
	Kickstart VP ^b (permethrin)	1.5 oz./42 lb. of seed	AP - HST	na	
	Latitude ^b (imidicloprid)	1.5 oz./42 lb. of seed	AP - HST	na	
	Lorsban ^b (chlorpyrifos)	8 oz./1000 row ft. 15G 2.4 fl. oz./1000 row ft. 4E*	AP AP	35 35	
	Nufos ^b (chlorpyrifos)	8 oz./1000 row ft. 15G 2.4 fl. oz./1000 row ft. 4E*	AP AP	35 35	
	Pilot ^b 15G (chlorpyrifos)	8 oz./1000 row ft.	AP	35	
	Poncho ^b 600 (clothianidin)	0.25 - 1.25 mg a.i./kernel	AP - CST	na	
	Proaxis* (gamma-cyhalothrin)	0.66 fl. oz./1000 row ft.	AP	21	
	Regent ^{*,b} 4 SC (fipronil)	0.24 fl. oz. per 1000 row ft.	AP	na	
	Saurus (chlorpyrifos)	8 oz./1000 row ft.	AP	35	
	Silencer* (lambda-cyhalothrin)	0.66 fl. oz./1000 row ft.	AP	21	
	Sniper* (bifenthrin)	0.15-0.3 fl.oz./1000 row ft.	AP	30	
	Taiga Z* (lambda-cyhalothrin)	0.66 fl. oz./1000 row ft.	AP	21	
	Tundra* (bifenthrin)	0.15-0.3 fl.oz./1000 row ft.	AP	30	
	Warhawk* (chlorpyrifos)	2.4 fl. oz./1000 row ft.	AP	35	
	Warrior* (lambda-cyhalothrin)	0.66 fl. oz./1000 row ft.	AP	21	
	Yuma ^{*,b} 4E (chlorpyrifos)	2.4 fl. oz./ 1000 row ft.	AP	35	

¹ AP = material applied at planting time either in a band or in-furrow, AP-SB = material applied at planting time either as a band or in-furrow through the SmartBox system, 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, Brd = material broadcast over the soil, PRE = material applied broadcast either pre-plant or pre-emerge