



# Bulletin

Extension

## Control of Insect Pests of Field Crops

Bulletin 545-07

### EUROPEAN CORN BORER ON CORN

Following is a listing of insecticide products labeled for control of European corn borer on corn. An asterisk (\*) indicates that use is restricted to certified applicators.

Pest	Product Name (Common Name)	Amount per Acre	Application Method <sup>1</sup>	Pre-Harvest Interval (days)	When to Treat
<b>European Corn Borer</b>	Ambush* 25W (permethrin)	6.4 - 12.8 fl. oz.	F	30	First-Generation:  Rescue treatment for first-generation control is warranted when 50 percent or more of the plants exhibit feeding damage in the whorl and early instar larvae can be readily found either on the foliage or in the whorl.  Second-Generation  Treatment of second generation corn borer is recommended if egg masses average one or more per plant or if 50 percent or more of the plants have larvae or egg masses.  For additional information about European corn borer, see FactSheet, FC-ENT-0015.
	Arctic* 3.2EC (permethrin)	4 - 8 fl. oz.	F	30	
	Adjourn* (esfenvalerate)	7.8 - 9.6 fl. oz.	F	21	
	Asana* XL (esfenvalerate)	7.8 - 9.6 fl. oz.	F	21	
	<i>Bacillus thuringiensis</i> (several Bt products)	Check label	F		
	Baythroid* (cyfluthrin)	1.6 - 2.8 fl. oz. (2 or XL)	F	21	
	Bifenthrin* 2EC (bifenthrin)	2.1 - 6.4 fl. oz.	F	30	
	Capture* 2EC (bifenthrin)	2.1 - 6.4 fl. oz.	F	30	
	Carbaryl (carbaryl)	1½ - 2 qt 4L 1⅞ - 2½ lb. 80S	F F	48 48	
	Chlorpyrifos (chlorpyrifos)	5 - 6.5 lb. 15G 1 - 2 pt. 4E AG*	F F	35 35	
	Delta Gold* (deltamethrin)	1.5 - 1.9 fl. oz.	F	21	
	Discipline* 2EC (bifenthrin)	2.1 - 6.4 fl. oz.	F	30	
	Empower* 2 (bifenthrin)	3.5 - 8.7 lb. (1 <sup>st</sup> gen.)	F	30	
	Entrust (spinosad)	0.5 - 2 oz.	F	28	
	Fanfare* 2EC (bifenthrin)	2.1 - 6.4 fl. oz.	F	30	
	Furadan* 4F (carbofuran)	1½ - 2 pt.	F	30	

Pest	Product Name (Common Name)	Amount per Acre	Application Method <sup>1</sup>	Pre-Harvest Interval (days)	When to Treat
<b>European Corn Borer (cont.)</b>	Intrepid 2F (methoxyfenozide)	4 - 8 fl. oz.	F	21	
	Lorsban (chlorpyrifos)	5.0 - 6.5 lb. 15G (1 <sup>st</sup> gen.)	F	35	
		6.5 lb. (2 <sup>nd</sup> gen.)	F	35	
		1½ - 2 pt. 4E*	F	35	
	Mustang MAX* (zeta-cypermethrin)	2.72 - 4.0 fl. oz.	F	30	
	Nufos (chlorpyrifos)	5.0 - 6.5 lb. 15G (1 <sup>st</sup> gen)	F	35	
		6.5 lb. 15G (2 <sup>nd</sup> gen)	F	35	
		1½ - 2 pt. 4E*	F	35	
	Penncap-M* (methyl parathion)	2 - 4 pt.	F	12	
	Permethrin* (permethrin)	4 - 8 oz. (3.2 AG or 3.2EC)	F	30	
	Phorate 20G* (phorate)	5 lb. (1 <sup>st</sup> gen)	F	30	
	Pilot (chlorpyrifos)	5 - 6.5 lb. 15G (1 <sup>st</sup> gen)	F	35	
		6.5 lb 15G (2 <sup>nd</sup> gen)	F	35	
		1½ - 2 pt. 4E*	F	35	
	Pounce* (permethrin)	6.4 - 12.8 fl. oz. 25 WP	F	30	
		4 - 8 fl. oz. 3.2 EC	F	30	
	Proaxis* (gamma-cyhalothrin)	2.56 - 3.84 fl. oz.	F	21	
	Saurus (chlorpyrifos)	5.0 - 6.5 lb. (1 <sup>st</sup> gen.)	F	35	
		6.5 lb. (2 <sup>nd</sup> gen.)	F	35	
	Sevin (carbaryl)	1½ - 2 qt. 4F or XLR Plus	F	48	
1⅞ - 2½ lb. 80S		F	48		
Silencer* (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	F	21		
Sniper* (bifenthrin)	2.1 - 6.4 fl. oz.	F	30		
Taiga*Z (lambda-cyhalothrin)	2.56 - 3.84 fl. oz	F	21		
Tundra* (bifenthrin)	2.1 - 6.4 fl. oz.	F	30		
Tracer (spinosad)	1 - 3 fl. oz.	F	28		
Warhawk* (chlorpyrifos)	1 - 2 pts.	F	35		
Warrior* (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	F	21		
Yuma* 4E (chlorpyrifos)	1 - 2 pts.	F	35		

<sup>1</sup> 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