

Insecticide Treatment Options for Corn Flea Beetle in Field Corn

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See <https://www.greenbook.net> or other resources for additional registrations.

*Consult product label for specific information and restrictions.

IRAC Mode of Action Classification:

- Group 1 = Acetylcholine esterase inhibitors; 1A = Carbamates, 1B = Organophosphates
- Group 3 = Sodium channel modulators
- Group 4 = Nicotinic acetylcholine receptor agonists/antagonists; 4A = Neonicotinoids
- Group 28 = Ryanodine receptor modulators, Diamides

R = Restricted-Use Product

Mode Of Action	Product Name	Common Name	Rate (Formulation/Acre)	Restrictions/Comments
3 R	Ambush 2EC	permethrin	6.4-12.8 fl oz	PHI 30 days for grain or fodder (stover). Forage may be harvested on the day of application.
3 R	Arctic 3.2EC	permethrin	4-6 fl oz	PHI 30 days for harvest of grain or fodder (stover). Forage may be harvested on the day of application.
3 R	Asana XL	esfenvalerate	5.8-9.6 fl oz	PHI 21 days.
4A, 6 R	Avicta Duo Corn	thiamethoxam and abamectin	Pre-treated seed treatment to protect corn seedlings from early season nematode and insect damage.	Treated seed must be planted into the soil at a depth greater than 1 inch. Allow a minimum of 45 days after planting Avicta Duo Corn treated corn seed before treating the corn with a neonicotinoid insecticide.
3 R	Baythroid XL	beta-cyfluthrin	0.8-1.6 fl oz	PHI 21 days for grain or fodder and 0 days for green forage.
3, 28 R	Besiege	lambda-cyhalothrin, chlorantraniliprole	6-10 fl oz	PHI 21 days. Do not feed treated corn fodder or silage to meat or dairy animals within 21 days after last treatment.
3 R	Brigade 2EC, Fanfare 2EC, Bifenture EC, Discipline 2EC, Sniper,	bifenthrin	2.1-6.4 fl oz	PHI 30 days. Do not graze livestock in treated area or cut treated crops for feed within 30 days of treatment.

	Tundra EC			
1B, 3 R	Cobalt	chlorpyrifos and gamma cyhalothrin	13-26 fl oz	PHI 21 days for grain, ears, forage or fodder.
1B, 3 R	Cobalt Advanced	chlorpyrifos and gamma cyhalothrin	11-26 fl oz	PHI 21 days for grain, ears, forage or fodder.
4A	Concur, DynaShield, Imida, Latitude, Macho, Nuprid and Senator	imidacloprid	1.34 mg ai/kernel	Pre-treated seed.
1B R	Counter 15G via Lock'n Load and SmartBox Systems	terbufos	6-8 oz	Apply in-furrow, or band. If application is made at planting, do not make postemergence or cultivation time treatments of Counter 15G. Do not graze or cut for forage within 30 days of treatment. ALS-inhibiting herbicides should not be used if Counter 15G has been applied to corn at the time of planting. Counter 15G may be applied 7 days after application of ALS-inhibiting herbicides.
1B R	Counter 20G via Lock'n Load and via SmartBox Systems	terbufos	4.5-6.0 oz	Apply in-furrow, T-band, or band. For field corn and popcorn. If application is made at planting, do not make postemergence or cultivation time treatments of Counter 20G. Do not graze or cut for forage within 30 days of treatment. ALS-inhibiting herbicides should not be used if Counter 20G has been applied to corn at the time of planting. Counter 20G may be applied 7 days after application of ALS-inhibiting herbicides.
4A	Cruiser 5FS	thiamethoxam	Pre-treated seed. 0.125 mg ai/kernel	Treated seed must be planted into the soil at a depth greater than 1 inch. Do not make any soil or foliar application of products containing thiamethoxam to crops grown from seed treated with Cruiser 5FS.
3 R	Declare	gamma-cyhalothrin	1.02-1.54 fl oz	PHI 21 days for grain, livestock grazing or silage harvest.
3 R	Delta Gold	deltamethrin	1.0-1.5 fl oz	PHI 21 days for grain or fodder. PHI 12 days for cutting or grazing for forage.
3 R	Ethos XB	bifenthrin	2.8-8.5 fl oz	PHI 30 days for grain, silage and grazing.
3 R	Fastac EC	alpha-cypermethrin	2.7-3.8 fl oz	PHI 30 days for grain and stover. PHI 60 days for forage.
3 R	Hero	zeta-cypermethrin and bifenthrin	2.6-6.1 fl oz	PHI 30 days for grain or stover and 60 days for forage. Do not graze livestock in treated areas or cut treated crops for

				feed within 30 days of the last application.
1A R	Lannate LV	methomyl	0.75-1.5 pts	PHI 21 days for ears and stover, and 3 days for forage.
1A R	Lannate SP	methomyl	0.25-0.50 lb	PHI 21 days for ears and stover, and 3 days for forage.
1B R	Lorsban Advanced, Lorsban 4E, Govern 4E, Hatchet, Nufos 4E, Warhawk, Yuma 4E	chlorpyrifos	1-2 pts	PHI 21 days before harvest of grain, ears, forage or fodder.
3 R, and 11 (fungicide)	Manticor LFR	bifenthrin and pyraclostrobin	At Planting: 0.49-1.09 fl oz/1000 row ft	For soil insect pests and soilborne/seedling disease control and plant health in corn by mixing directly with liquid fertilizer using at-plant (t-band or in-furrow) applications.
3 R	Mustang Maxx, Respect	zeta-cypermethrin	2.72-4.0 fl oz	PHI 30 days for grain and stover. PHI 60 days for forage.
1B	Nufos 4E	chlorpyrifos	1-2 pts	PHI 21 days before harvest of grain, ears, forage or fodder.
1B R	PennCap-M	microencapsulated methyl parathion	2-3 pts	PHI 12 days for harvest, forage and grazing.
4A	Poncho 600	clothianidin	Pre-treated seed. 0.25-0.50 mg ai/K	A systemic insecticide seed treatment for control of listed insect pests.
4A	Poncho/Votivo	clothianidin and <i>Bacillus firmus</i> I-1582	Pre-treated seed. 0.5 mg ai/kernel.	A systemic insecticide and biological seed treatment for control of listed insect pests and protection from listed soil plant pathogenic nematodes. Use planting equipment that will plant treated seed into the soil to a minimum depth of 0.5 inch.
3 R	Pounce 25WP	permethrin	6.4-12.8 fl oz	PHI 30 days for grain and fodder (stover). Forage may be harvested on the day of application.
3 R	Proaxis	gamma- cyhalothrin	2.56-3.84 fl oz	For control of 1st and 2nd instars only. PHI 21 days.
1A	Sevin XLR Plus	carbaryl	1-2 qts	PHI 48 days for grain and fodder or 14 days for grazing and silage.
1B, 3 R	Stallion	chlorpyrifos and zeta-cypermethrin	9.25-11.75 fl oz	PHI 30 days for grain or stover and 60 days for forage.
3 R	Steed	zeta-cypermethrin and bifenthrin	2.5-3.5 fl oz	PHI 30 days for grain or stover and 60 days for forage. Do not graze livestock in treated areas or cut treated crops for feed within 30 days of the last application.

3 R	Temitry LFR	bifenthrin	At Planting: 8.5-19 fl oz/acre	For soil insect pests and soilborne/seedling disease control and plant health in corn by mixing with liquid fertilizer using at-plant (t-band or in-furrow) applications.
1B R	Thimet 20G via Lock'n Load and SmartBox Systems	phorate	4.5-6.0 oz	Do not use in-furrow application. Granules must be incorporated into the soil.
3 R	Tombstone	cyfluthrin	0.8-1.6 fl oz	PHI 21 days for grain or fodder and 0 days for green forage.
1B, 3 R	Tundra Supreme	chlorpyrifos and bifenthrin	5.6-16.8 fl oz	PHI 30 days for grain and silage.
3 R	Warrior w/ Zeon Technology, Silencer	lambda-cyhalothrin	2.56-3.84 fl oz	PHI 21 days for harvest, grazing or cutting treated crops for feed.
3 R	Warrior II w/ Zeon Technology, Lamcap II	lambda-cyhalothrin	1.28-1.92 fl oz	PHI 21 days for harvest, grazing or cutting treated crops for feed.