

## Insecticide Treatment Options for Corn Leaf Aphid 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, 4D = Butenolides
- Group 28 = Ryanodine receptor modulators, Diamides

**R**= Restricted-Use Product

Mode Of Action	Product Name	Common Name	Rate (Formulation/Acre)	Restrictions/Comments
3	Arctic 3.2EC	permethrin	4-6 fl oz	PHI 30 days for grain or fodder.
3	Asana XL	esfenvalerate	5.8-9.6 fl oz	PHI 21 days. Direct the spray at the aphid populations so as to achieve maximum coverage of the exposed insects.
3, 28	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. *Suppression only.
3 <b>R</b>	Brigade 2EC, Fanfare 2EC, Bifenture EC, Discipline 2EC, Sniper, Tundra EC	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.
1B, 3	Cobalt	chlorpyrifos and gamma cyhalothrin	13-26 fl oz	PHI 21 days for grain, ears, forage or fodder.

1B, 3	Cobalt Advanced	chlorpyrifos and gamma cyhalothrin	11-26 fl oz	PHI 21 days for grain, ears, forage or fodder.
1B	Dimethoate 4EC	dimethoate	2/3-1 pt	PHI 28 days for grain. PHI 14 days for forage. Do not apply during pollen-shed if bees are present.
3 R	Ethos XB	bifenthrin	2.8-8.5 fl oz	PHI 30 days for grain, silage and grazing.
3	Fastac EC	alpha-cypermethrin	2.7-3.8 fl oz	PHI 30 days for grain and stover. PHI 60 days for forage.
3	Hero	zeta-cypermethrin and bifenthrin	4.0-10.3 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.
1B	Malathion 8	malathion	0.61 pt	PHI 7 days. Caution: injury may occur in whorl and silk stages.
1B R	Methyl 4EC	methyl parathion	0.5 pt	PHI 12 days. Do not apply during the pollen shed period.
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 R	PennCap-M	microencapsulated methyl parathion	2-3 pts	PHI 12 days for harvest, forage and grazing.
4A	Poncho/Votivo	clothianidin	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.
4D	Sivanto 200 SL	flupyradiflurone	7.0-10.5 fl oz	PHI 21 days for grain or stover and 7 days for forage.
1B, 3	Stallion	chlorpyrifos + zeta-cypermethrin	9.25-11.75 fl oz	PHI 30 days for grain or stover and 60 days for forage.
3	Steed	zeta-cypermethrin and bifenthrin	3.5-4.7 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.

1B, 3 R	Tundra Supreme	chlorpyrifos and bifenthrin	5.6-16.8 fl oz	PHI 30 days for grain and silage.
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