



Bulletin

Extension

Control of Insect Pests of Field Crops

Bulletin 545 – 09

ALFALFA WEEVIL IN ALFALFA

Following is a listing of insecticide products labeled for control of alfalfa weevil alfalfa. An asterisk (*) indicates that the use is restricted to certified applicators.

Pest	Product Name (Common Name)	Amount per Acre	Pre-Harvest Interval (days)	When to Treat
Alfalfa Weevil	Ambush* 25W (permethrin)	6.4 - 12.8 oz.	0 - 14	No action is warranted if no more than one late-instar weevil larvae are found per stem. If more than one larva is found per stem, early cutting or application of a rescue insecticide treatment should be implemented, depending on the value and height of the crop. Higher rates are for southern Ohio, where longer control may be required. When possible, early cutting (alfalfa taller than 22 inches) should be practiced in place of chemical treatment to minimize upsetting populations of beneficial parasites. For additional information about alfalfa weevil see FactSheet FC-ENT-0032.
	Arctic* 3.2 EC (permethrin)	4 - 8 fl. oz.	0 - 14	
	Baythroid* XL (β-cyfluthrin)	1.6 - 2.8 fl. oz.	7	
	Carbaryl 4L (carbaryl)	1½ qt.	7	
	Chlorpyrifos* 4E AG (chlorpyrifos)	1 - 2 pt.	14 - 21	
	Cobalt* (chlorpyrifos & gamma-cyhalothrin)	19 - 38 fl. oz.	14 - 21	
	Furadan* 4F (carbofuran)	½ - 2 pt.	7 - 28	
	Govern* 4E (chlorpyrifos)	1 - 2 pt.	14 - 21	
	Grizzly Z* (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	7	
	Hatchet* (chlorpyrifos)	1 - 2 pt.	14 - 21	
	Imidan 70-W (phosmet)	1 - 1½ lb.	7	
	Kaiso* 24WG (lambda-cyhalothrin)	1.33 – 2.0 oz.	7	
	Lambda-Cy EC* (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	7	
	LambdaStar* (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	7	
	Lambda-T* (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	7	
	Lannate* (methomyl)	1 lb. SP or 3 pt. LV	7	
Lorsban* 4E (chlorpyrifos)	1 - 2 pt.	14 - 21		

Pest	Product Name (Common Name)	Amount per Acre	Pre-Harvest Interval (days)	When to Treat
Alfalfa Weevil (cont.)	Malathion (malathion)	1½ - 2 pt. 5EC 1½ - 2¼ pt. 57 EC 1 - 2 pt. 8	0 0 0 - 7	
	Mustang MAX* (zeta-cypermethrin)	2.24 - 4 fl. oz.	3	
	Nufos* 4E (chlorpyrifos)	1 - 2 pt.	14 - 21	
	PermaStar* AG (permethrin)	4 - 8 oz.	14	
	Permethrin* 3.2 EC (permethrin)	4 - 8 oz.	0 - 14	
	Perm-UP* (permethrin)	4 - 8 fl. oz. 3.2 EC 6.4 - 12.8 oz. 25DF	14 14	
	Pounce* (permethrin)	6.4 - 12.8 oz. 25WP	0 - 14	
	Proaxis* (gamma-cyhalothrin)	2.56 - 3.84 fl. oz.	7	
	Respect* EC (zeta-cypermethrin)	2.24 - 4 oz.	3	
	Sevin (carbaryl)	1½ qt. 4F or XLR Plus 1⅞ lb. 80S	7 7	
	Silencer* (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	7	
	Steward EC (indoxacarb) (larvae only)	6.7 - 11.3 fl. oz.	7	
	Taiga* Z (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	7	
	Tombstone Helios* (cyfluthrin)	1.6 - 2.8 fl. oz.	7	
	Warhawk* (chlorpyrifos)	1 - 2 pt.	14 - 21	
	Warrior* (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	7	
	Warrior II* (lambda-cyhalothrin)	1.28 - 1.92 fl. oz.	7	
	Whirlwind* (chlorpyrifos)	1 - 2 pt.	14 - 21	
	Yuma* 4E (chlorpyrifos)	1 - 2 pt.	14 - 21	