



# Bulletin

Extension

## Control of Insect Pests of Field Crops

Bulletin 545 – 09

### APHIDS IN SMALL GRAINS

Following is a listing of insecticide products labeled for control of the pests that affect small grains. An asterisk (\*) indicates use is restricted to certified applicators only.

Pest	Product Name (Common Name)	Amount per Acre	Pre-Harvest Interval (days)	When to Treat
Aphids	Baythroid * XL (β-cyfluthrin)	1.8 - 2.4 fl. oz.	30	Of the various aphid species that occur on small grains, only the greenbug causes damage that may warrant rescue treatment.  Rescue treatment is warranted if an average of 50 greenbugs are found per linear ft of row on small plants in the fall or 100 per linear ft of row in the spring.
	CruiserMaxx (thiamethoxam) + Cruiser 5FS (thiamethoxam)	5 fl oz./100 lb. seed+ 0.48 - 1.00 fl. oz./100 lb. seed	AP - CST AP - CST	
	Dimethoate (dimethoate)	½ - ¾ pt. 400, 4EC or Dimate 4E 0.75 - 1.13 pt. 2.67	35 35	
	Grizzly Z* (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	30	
	Kaiso* 24WG (lambda-cyhalothrin)	1.33 - 2.0 oz	30	
	Lambda* (lambda-cyhalothrin)	1.28 - 1.92 fl. oz.	30	
	Lambda-Cy* EC (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	30	
	LambdaStar* (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	30	
	Lambda-T* (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	30	
	Lannate* (methomyl)	¼ - ½ lb. SP or ¾ - 1½ pt. LV	7	
	Malathion (malathion)	1½ pt. 5EC or 1 - 1¼ pt. 8-E 1½ - 2 pt. 57 EC	7 7	
	Mustang MAX* (zeta-cypermethrin)	3.20 - 4.0 oz.	14	
	Mystic Z* (lambda-cyhalothrin)	1.92 fl. oz.	30	
	PennCap-M* (methyl parathion)	2 - 3 pt.	15	
	Proaxis* (gamma-cyhalothrin)	3.84 fl. oz.	30	
	Prolex* (gamma-cyhalothrin)	1.02 - 1.54 fl. oz.	30	

Pest	Product Name (Common Name)	Amount per Acre	Pre-Harvest Interval (days)	When to Treat
Aphids (cont.)	Respect* EC (zeta-cypermethrin)	3.2 - 4 oz.	14	
	Senator 600 FS (imidacloprid)	0.4 - 2.8 fl. oz./cwt seed	AP - CST	
	Silencer* (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	30	
	Taiga* Z (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	30	
	Tombstone Helios* (cyfluthrin)	1.8 - 2.4 fl. oz.	30	
	Warrior* (lambda-cyhalothrin)	2.56 - 3.84 fl. oz.	30	
	Warrior II* (lambda-cyhalothrin)	1.28 - 1.92 fl. oz.	30	