



Bulletin

Extension

Control of Insect Pests of Field Crops

Bulletin 545 – 09

POTATO LEAFHOPPER IN SOYBEAN

Following is a listing of insecticide products labeled for control of potato leafhopper in soybean. An asterisk (*) indicates that use is restricted to certified applicators only.

Pest	Product Name (Common Name)	Amount per Acre	Pre-Harvest Interval (days)	When to Treat
Potato Leafhopper	Adjourn* (esfenvalerate)	2.9 - 5.8 fl. oz.	21	Potato leafhopper damage to soybean is normally associated with areas bordering alfalfa early in the season. However, late plantings where the soybeans do not have sufficient development of their pubescence and leafhopper populations are large, usually in early June are also susceptible to injury. ^a Do not apply this product within 45 days of planting if soybean seeds were treated with a neonicotinoid product.
	Ambush* 25W (permethrin)	3.2 - 6.4 oz.	60	
	Arctic* 3.2 EC (permethrin)	2 - 4 fl. oz.	60	
	Asana* XL (esfenvalerate)	2.9 - 5.8 fl. oz.	21	
	Battalion* 0.2 EC (deltamethrin)	7.7 - 11.5 fl. oz.	21	
	Baythroid* XL (β-cyfluthrin)	0.8 - 1.6 fl. oz.	45	
	Brigade* 2EC (bifenthrin)	2.1 - 6.4 fl. oz.	18	
	Carbaryl 4L (carbaryl)	1 qt.	14	
	Cobalt* (chlorpyrifos & gamma-cyhalothrin)	19 - 38 fl. oz.	30	
	Consero* (spinosad & gamma-cyhalothrin)	2 - 3 fl. oz.	45	
	CruiserMaxx (thiamethoxam)	3 fl. oz./100 lb. seed	na	
	Cruiser 5FS (thiamethoxam)	1.28 fl. oz./100 lb. seed	na	
	Delta Gold* (deltamethrin)	1.0 - 1.5 fl. oz.	21	
	Dimethoate (dimethoate)	1.5 pt. 2.67 1 pt. 400, 4EC or Dimate 4E	21 21	
	Endigo* ^a ZC (lambda-cyhalothrin & thiamethoxam)	2.5 - 3.5 fl. oz.	30	
Grizzly Z* (lambda-cyhalothrin)	1.92 - 3.20 fl. oz.	30		

Pest	Product Name (Common Name)	Amount per Acre	Pre-Harvest Interval (days)	When to Treat
Potato Leafhopper (cont.)	Hero* (zeta-cypermethrin & bifenthrin)	4.0 - 10.3 oz.	21	
	Kaiso* 24WG (lambda-cyhalothrin)	1.0 - 1.67 oz.	45	
	Lambda* (lambda-cyhalothrin)	0.96 - 1.6 fl. oz.	45	
	Lambda-Cy* EC (lambda-cyhalothrin)	1.92 - 3.20 fl. oz.	45	
	LambdaStar* (lambda-cyhalothrin)	1.92 - 3.20 fl. oz.	45	
	Lambda-T* (lambda-cyhalothrin)	1.92 - 3.20 fl. oz.	45	
	Leverage* 2.7 (imidacloprid & cyfluthrin)	3.0 - 3.8 fl. oz.	45	
	Mustang Max* (zeta-cypermethrin)	2.8 - 4.0 fl. oz.	21	
	Mystic Z* (lambda-cyhalothrin)	0.96 - 1.60 fl. oz.	45	
	Orthene 97 (acephate)	0.50 - 1.0 lb.	14	
	Penncap-M* (methyl parathion)	2 - 3 pt.	20	
	Permethrin* (permethrin)	2 - 4 oz. 3.2 AG or 3.2 EC	60	
	Perm-UP* (permethrin)	2 - 4 fl. oz. 3.2EC 3.2 - 6.4 oz. 25DF	60 60	
	Pounce* (permethrin)	3.2 - 6.4 oz. 25WP	60	
	Proaxis* (gamma-cyhalothrin)	1.92 - 3.20 fl. oz.	30	
	Prolex* (gamma-cyhalothrin)	0.77 - 1.28 fl. oz.	30	
	Respect* EC (zeta-cypermethrin)	2.8 - 4.0 fl. oz.	21	
	Sevin (carbaryl)	1 qt. 4F or XLR Plus 1¼ lb. 80S	14 14	
	Silencer* (lambda-cyhalothrin)	1.92 - 3.20 fl. oz.	30	
	Taiga* Z (lambda-cyhalothrin)	1.92 - 3.20 fl. oz.	30	
	Tombstone Helios* (cyfluthrin)	0.8 - 1.6 fl. oz.	45	
	Tundra* EC (bifenthrin)	2.1 - 6.4 fl. oz.	18	
Warrior* (lambda-cyhalothrin)	1.92 - 3.20 fl. oz.	30		
Warrior II* (lambda-cyhalothrin)	0.96 - 1.60 fl. oz.	30		