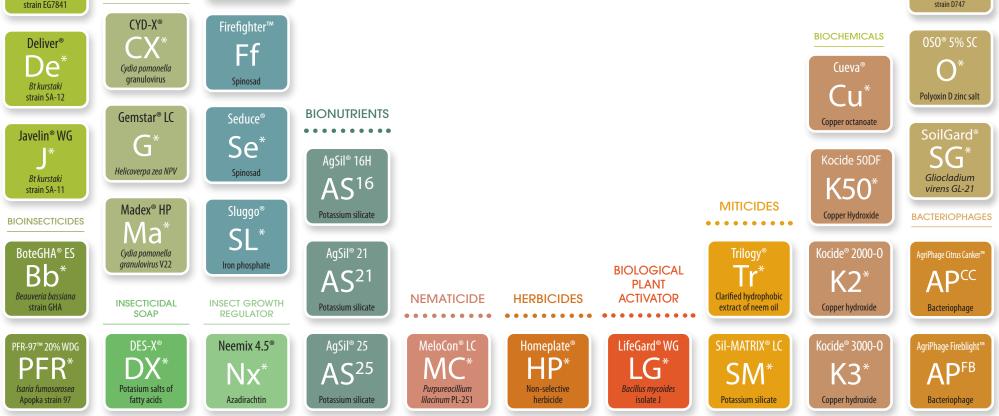
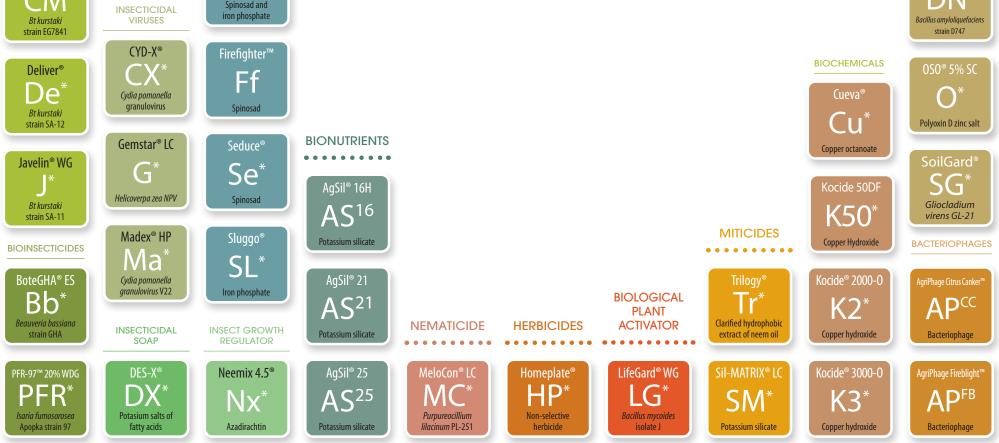


Agree® A Bt aizawai strain GC-91

Crymax® CN Bt kurstaki





Bug-N-Sluggo Spinosad and

INSECTICIDAL

AND MOLLUSCI

CIDAL BAITS

FUNGICIDES / BACTERICIDES BIOFUNGICIDES



Certis Biologicals. The most extensive line of biopesticides on the market.



CERTIS Biologicals

BIOLOGICAL PLANT ACT	Active Ingredient	Pest Controlled	OMRI Listed	NOP Approved	Residue Exempt	REI	PHI	Application Interval ¹
LifeGard® WG	Bacillus mycoides isolate J	Early blight, late blight, white mold, PVY potato virus Y (seed potatoes), <i>Cercospora</i> blight, fire blight, bacterial disorders, downy mildew	~	~	v	4 hrs.	0	7-10 days
INSECTICIDES								
Bt Biolarvicides								
Agree [®] WG	<i>Bt aizawai</i> strain GC91	Lepidoptera (caterpillar) pests	v	v	~	4 hrs.	0	3-14 days
Crymax®	Bt kurstaki strain EG7841	Lepidoptera (caterpillar) pests	—	—	V	4 hrs.	0	3-14 days
Deliver®	Bt kurstaki strain SA-12	Lepidoptera (caterpillar) pests	v	v	~	4 hrs.	0	3-14 days
Javelin® WG	Bt kurstaki strain SA-11	Lepidoptera (caterpillar) pests	✓	✓	~	4 hrs.	0	3-14 days
Bioinsecticides								
BoteGHA [®] ES	Beauveria bassiana strain GHA	Whiteflies, aphids, thrips, psyllids, mealybugs, leafhoppers	✓	✓	~	4 hrs.	0	5-10 days
PFR-97 [®] 20% WDG	Isaria fumosorosea Apopka strain 97	Aphids, whiteflies, thrips, mites, psyllids, root aphids, phorid flies	v	v	V	4 hrs.	0	7-10 days
Insect Growth Regulato	r							
Neemix [®] 4.5	Azadirachtin	Leafminers, whiteflies, aphids	✓	v	V	4 hrs.	0	7-21 days
Insecticidal Viruses								
CYD-X [®] and CYD-X [®] HP	Cydia pomonella GV	Codling moth larvae	✓	✓	~	4 hrs.	0	7-14 days
Gemstar [®] LC	Helicoverpa zea NPV	Corn earworm larvae, earworm, bollworm, budworm, tomato fruitworm	v	~	~	4 hrs.	0	7-14 days
Madex [®] HP	Cydia pomonella CpGV V-22	Codling moth, Oriental fruit moth larvae	v	~	~	4 hrs.	0	7-14 days
Insecticidal Soaps and C	Dils							
DES-X®	Potassium salts of fatty acids	Aphids, whiteflies, powdery mildew	~	v	~	12 hrs.	0	7-21 days
Trilogy®	Clarified hydrophobic extract of neem oil	Aphids, whiteflies, mites, thrips	v	v	~	4 hrs.	0	7-21 days
Insecticidal and Molluse	cicidal Baits							
Firefighter®	Spinosad	Harvester Ants and Fire Ants	_	_	_	4 hrs.	0	14 days
Bug-N-Sluggo®	Spinosad, iron phosphate	Ants, earwigs, cutworms, slugs, snails, pillbugs, sowbugs	v	v	_	4 hrs.	Varies	14-28 days
Seduce [®]	Spinosad	Ants, earwigs, cutworms	v	v	_	4 hrs.	Varies	14-28 days
Slugg0 [®] (Eastern U.S. only)	Iron phosphate	Slugs, snails	v	v	~	0 hrs.	0	14-28 days
FUNGICIDES and/or BAC								·
Biofungicides								
Double Nickel 55®WG	Bacillus amyloliquefaciens strain D747 (Ba D747)	Powdery mildew, Botrytis, bacterial disorders, foliar diseases	~	v	v	4 hrs.	0	7-10 days
Double Nickel® LC	Bacillus amyloliquefaciens strain D747 (Ba D747)	Rhizoctonia, Phytophthora, Sclerotinia, Pythium, Fusarium, soil diseases	~	~	~	4 hrs.	0	7-10 days
OSO [®] 5% SC	Polyoxin D zinc salt	Anthracnose, Botrytis, powdery mildew, fruit rots, sooty blotch, flyspeck	v	✓	~	4 hrs.	0	7-14 days
SoilGard®	Gliocladium virens GL-21	Damping off and other soil-borne diseases	v	✓	~	4 hrs.	0	7-28 days
Trilogy®	Clarified hydrophobic extract of neem oil	Powdery mildew, rust, black spot	✓	~	~	4 hrs.	0	7-14 days
Biochemicals								
Cueva®	Copper octanoate	Bacterial disorders, downy mildew, powdery mildew	v	✓	~	4 hrs.	0	7-10 days
Kocide [®] 2000-O	Copper hydroxide	Bacterial disorders, fire blight	v	✓	~	48 hrs.	0 ³	7-10 days
Kocide [®] 3000-O	Copper hydroxide	Bacterial disorders, fire blight	v	✓	~	48 hrs.	0 ³	7-10 days
Kocide [®] 50DF	Copper hydroxide	Bacterial disorders, fire blight	v	✓	~	48 hrs.	0 ³	7-10 days
Sil-MATRIX [®] LC	Potassium silicate	Powdery mildew, Botrytis, mites, aphids	v	✓	~	4 hrs.	0	7-10 days
Bacteriophages								
AgriPhage™ Citrus Canker	Bacteriophage	Citrus Canker	_	~	~	4 hrs.	0	3-7 days
AgriPhage™ Fireblight	Bacteriophage	Fire Blight	—	~	~	4 hrs.	0	3-7 days
MITICIDES (Acaricides)								
PFR-97™ 20% WDG	<i>lsaria fumosorosea</i> Apopka strain 97	Mites, aphids, whiteflies, thrips, psyllids	✓	✓	~	4 hrs.	0	7-10 days
Trilogy®	Clarified hydrophobic extract of neem oil	Spider mites, broad mites, rust mites	~	✓	~	4 hrs.	0	7-21 days
Sil-MATRIX® LC	Potassium silicate	Mites, powdery mildew, Botrytis, aphids	v	✓	~	4 hrs.	0	7-10 days
NEMATICIDES								
MeloCon [®] LC	Paecilomyces lilacinus strain 251	Plant parasitic nematodes, including root knot, burrowing, cyst, root lesion, false root knot and sting nematodes	~	~	~	24 hrs.	0	4-6 weeks

Tool icsion, fuise foot knot and sting fieldade.

		root lesion, laise root and sting hernatodes						
HERBICIDES								
Homeplate®	Fatty acid (caprylic and capric acid blend)	Broadleaf weeds, grasses, algae and moss	✓ ²	~	n/a	24 hrs.	0	n/a
SILICON AND POTA	ASSIUM BIONUTRIENT SOURCE							
AgSil® 16H	Potassium silicate	Stress, drought, salinity, metal toxicity management	_	—	~	n/a	n/a	n/a
AgSil® 21	Potassium silicate	Stress, drought, salinity, metal toxicity management	—	—	~	n/a	n/a	n/a
AgSil® 25	Potassium silicate	Stress, drought, salinity, metal toxicity management	_		~	n/a	n/a	n/a



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¹These intervals are for general information purposes. Actual use patterns may vary according to pest pressure, crop growth stage, and other circumstances. All applications must be consistent with label use instructions.

²OMRI listed with conditions.

³PHI is 0 unless otherwise noted on product label.

Always read and carefully follow label instructions.

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