



INSECTICIDES

BT BIOLARVICIDES

**Agree®**  
**A\***  
*Bt aizawai* strain GC-91

**Crymax®**  
**CM**  
*Bt kurstaki* strain EG7841

**Deliver®**  
**De\***  
*Bt kurstaki* strain SA-12

**Javelin® WG**  
**J\***  
*Bt kurstaki* strain SA-11

**BoteGHA® ES**  
**Bb\***  
*Beauveria bassiana* strain GHA

**PFR-97™ 20% WDG**  
**PFR\***  
*Isaria fumosorosea* Apopka strain 97

INSECTICIDAL AND MOLLUSCICIDAL BAITS

**Bug-N-Sluggo®**  
**BNS\***  
Spinosad and iron phosphate

**Firefighter™**  
**Ff**  
Spinosad

**Seduce®**  
**Se\***  
Spinosad

**Sluggo®**  
**SL\***  
Iron phosphate

INSECTICIDAL VIRUSES

**CYD-X®**  
**CX\***  
*Cydia pomonella* granulovirus

**Gemstar® LC**  
**G\***  
*Helicoverpa zea* NPV

**Madex® HP**  
**Ma\***  
*Cydia pomonella* granulovirus V22

INSECTICIDAL SOAP

**DES-X®**  
**DX\***  
Potassium salts of fatty acids

INSECT GROWTH REGULATOR

**Neemix 4.5®**  
**Nx\***  
Azadirachtin

BIONUTRIENTS

**AgSil® 16H**  
**AS<sup>16</sup>**  
Potassium silicate

**AgSil® 21**  
**AS<sup>21</sup>**  
Potassium silicate

**AgSil® 25**  
**AS<sup>25</sup>**  
Potassium silicate

NEMATOCIDE

**MeloCon® LC**  
**MC\***  
*Purpureocillium lilacinum* PL-251

HERBICIDES

**Homeplate®**  
**HP\***  
Non-selective herbicide

BIOLOGICAL PLANT ACTIVATOR

**LifeGard® WG**  
**LG\***  
*Bacillus mycoides* isolate J

FUNGICIDES / BACTERICIDES

BIOFUNGICIDES

**Double Nickel®**  
**DN\***  
*Bacillus amyloliquefaciens* strain D747

**OSO® 5% SC**  
**O\***  
Polyoxin D zinc salt

**SoilGard®**  
**SG\***  
*Gliricladium virens* GL-21

BACTERIOPHAGES

**AgriPhage Citrus Canker™**  
**AP<sup>CC</sup>**  
Bacteriophage

**AgriPhage Fireblight™**  
**AP<sup>FB</sup>**  
Bacteriophage

BIOCHEMICALS

**Cueva®**  
**Cu\***  
Copper octanoate

**Kocide 50DF**  
**K50\***  
Copper Hydroxide

**Kocide® 2000-0**  
**K2\***  
Copper hydroxide

**Kocide® 3000-0**  
**K3\***  
Copper hydroxide

MITICIDES

**Trilogy®**  
**Tr\***  
Clarified hydrophobic extract of neem oil

**Sil-MATRIX® LC**  
**SM\***  
Potassium silicate

Active Ingredient			Pest Controlled	OMRI Listed	NOP Approved	Residue Exempt	REI	PHI	Application Interval <sup>1</sup>
BIOLOGICAL PLANT ACTIVATOR									
LifeGard® WG	<i>Bacillus mycoides</i> isolate J	Early blight, late blight, white mold, PVY potato virus Y (seed potatoes), <i>Cercospora</i> blight, fire blight, bacterial disorders, downy mildew	✓	✓	✓	4 hrs.	0	7-10 days	
INSECTICIDES									
Bt Biolarvicides									
Agree® WG	<i>Bt aizawai</i> strain GC91	Lepidoptera (caterpillar) pests	✓	✓	✓	4 hrs.	0	3-14 days	
Crymax®	<i>Bt kurstaki</i> strain EG7841	Lepidoptera (caterpillar) pests	—	—	✓	4 hrs.	0	3-14 days	
Deliver®	<i>Bt kurstaki</i> strain SA-12	Lepidoptera (caterpillar) pests	✓	✓	✓	4 hrs.	0	3-14 days	
Javelin® WG	<i>Bt kurstaki</i> strain SA-11	Lepidoptera (caterpillar) pests	✓	✓	✓	4 hrs.	0	3-14 days	
Bioinsecticides									
BoteGHA® ES	<i>Beauveria bassiana</i> strain GHA	Whiteflies, aphids, thrips, psyllids, mealybugs, leafhoppers	✓	✓	✓	4 hrs.	0	5-10 days	
PFR-97® 20% WDG	<i>Isaria fumosorosea</i> Apopka strain 97	Aphids, whiteflies, thrips, mites, psyllids, root aphids, phorid flies	✓	✓	✓	4 hrs.	0	7-10 days	
Insect Growth Regulator									
Neemix® 4.5	Azadirachtin	Leafminers, whiteflies, aphids	✓	✓	✓	4 hrs.	0	7-21 days	
Insecticidal Viruses									
CYD-X® and CYD-X® HP	<i>Cydia pomonella</i> GV	Codling moth larvae	✓	✓	✓	4 hrs.	0	7-14 days	
Gemstar® LC	<i>Helicoverpa zea</i> NPV	Corn earworm larvae, earworm, bollworm, budworm, tomato fruitworm	✓	✓	✓	4 hrs.	0	7-14 days	
Madex® HP	<i>Cydia pomonella</i> CpGV V-22	Codling moth, Oriental fruit moth larvae	✓	✓	✓	4 hrs.	0	7-14 days	
Insecticidal Soaps and Oils									
DES-X®	Potassium salts of fatty acids	Aphids, whiteflies, powdery mildew	✓	✓	✓	12 hrs.	0	7-21 days	
Trilogy®	Clarified hydrophobic extract of neem oil	Aphids, whiteflies, mites, thrips	✓	✓	✓	4 hrs.	0	7-21 days	
Insecticidal and Molluscicidal 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	✓	✓	—	4 hrs.	Varies	14-28 days	
Seduce®	Spinosad	Ants, earwigs, cutworms	✓	✓	—	4 hrs.	Varies	14-28 days	
Sluggo® (Eastern U.S. only)	Iron phosphate	Slugs, snails	✓	✓	✓	0 hrs.	0	14-28 days	
FUNGICIDES and/or BACTERICIDES									
Biofungicides									
Double Nickel 55®WG	<i>Bacillus amyloliquefaciens</i> strain D747 (Ba D747)	Powdery mildew, <i>Botrytis</i> , bacterial disorders, foliar diseases	✓	✓	✓	4 hrs.	0	7-10 days	
Double Nickel® LC	<i>Bacillus amyloliquefaciens</i> strain D747 (Ba D747)	<i>Rhizoctonia</i> , <i>Phytophthora</i> , <i>Sclerotinia</i> , <i>Pythium</i> , <i>Fusarium</i> , soil diseases	✓	✓	✓	4 hrs.	0	7-10 days	
OSO® 5% SC	Polyoxin D zinc salt	Anthracnose, <i>Botrytis</i> , powdery mildew, fruit rots, sooty blotch, flyspeck	✓	✓	✓	4 hrs.	0	7-14 days	
SoilGard®	<i>Gliocladium virens</i> GL-21	Damping off and other soil-borne diseases	✓	✓	✓	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	✓	✓	✓	4 hrs.	0	7-10 days	
Kocide® 2000-O	Copper hydroxide	Bacterial disorders, fire blight	✓	✓	✓	48 hrs.	0 <sup>3</sup>	7-10 days	
Kocide® 3000-O	Copper hydroxide	Bacterial disorders, fire blight	✓	✓	✓	48 hrs.	0 <sup>3</sup>	7-10 days	
Kocide® 50DF	Copper hydroxide	Bacterial disorders, fire blight	✓	✓	✓	48 hrs.	0 <sup>3</sup>	7-10 days	
Sil-MATRIX® LC	Potassium silicate	Powdery mildew, <i>Botrytis</i> , mites, aphids	✓	✓	✓	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>Isaria 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, <i>Botrytis</i> , aphids	✓	✓	✓	4 hrs.	0	7-10 days	
NEMATOCIDES									
MeloCon® LC	<i>Paecilomyces lilacinus</i> strain 251	Plant parasitic nematodes, including root knot, burrowing, cyst, root lesion, false root knot and sting nematodes	✓	✓	✓	24 hrs.	0	4-6 weeks	
HERBICIDES									
Homeplate®	Fatty acid (caprylic and capric acid blend)	Broadleaf weeds, grasses, algae and moss	✓ <sup>2</sup>	✓	n/a	24 hrs.	0	n/a	
SILICON AND POTASSIUM 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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<sup>1</sup>These 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.

<sup>2</sup>OMRI listed with conditions.

<sup>3</sup>PHI is 0 unless otherwise noted on product label.

Always read and carefully follow label instructions.