

Active Ingredient	Pest Controlled	OMRI Listed	NOP Approved	Residue Exempt	REI	PHI	Application Interval <sup>1</sup>
<b>BIOLOGICAL PLANT ACTIVATOR</b>							
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
<b>INSECTICIDES</b>							
<b>Bt Biolarvicides</b>							
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
Trident®	<i>Bt tenebrionis</i> strain SA-10	Colorado potato beetle larvae and adults	✓	✓	✓	4 hrs. 0	3-14 days
<b>Bioinsecticides</b>							
BoteGHA™	<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
<b>Insect Growth Regulator</b>							
Neemix® 4.5	Azadirachtin	Leafminers, whiteflies, aphids	✓	✓	✓	4 hrs. 0	7-21 days
<b>Insecticidal Viruses</b>							
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
<b>Insecticidal Soaps and Oils</b>							
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
<b>Insecticidal and Molluscicidal Baits</b>							
Ferroxx® AQ	Iron phosphate	Slugs, snails, including the brown garden snail and gray garden slug	—	—	✓	4 hrs. 0	None
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
<b>FUNGICIDES and/or BACTERICIDES</b>							
<b>Biofungicides</b>							
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	Anthrachnose, <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	✓	✓	✓	0 hrs. 0	7-28 days
Trilogy®	Clarified hydrophobic extract of neem oil	Powdery mildew, rust, black spot	✓	✓	✓	4 hrs. 0	7-14 days
<b>Biochemicals</b>							
Carb-O-Nator®	Potassium bicarbonate	Powdery mildew, <i>Botrytis</i>	✓	✓	✓	4 hrs. 0	5-14 days
Cueva®	Copper octanoate	Bacterial disorders, downy mildew, powdery mildew	✓	✓	✓	4 hrs. 0	7-10 days
Kocide® 2000	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
ManKocide®	Copper hydroxide and mancozeb	<i>Alternaria</i> , powdery mildew, <i>Botrytis</i> , purple blotch	—	—	—	48 hrs. Varies	5-14 days
Rendition®	Peroxyacetic acid 5%	Bactericide/fungicide	—	—	✓	0/1 hr. 0	5-14 days
Sil-MATRIX®	Potassium silicate	Powdery mildew, <i>Botrytis</i> , mites, aphids	✓	✓	✓	4 hrs. 0	7-10 days
<b>Bacteriophages</b>							
AgriPhage™	Bacteriophage	Bacterial spot and speck on tomatoes and peppers	—	✓	✓	4 hrs. 0	3-7 days
AgriPhage™ CMM	Bacteriophage	Bacterial canker disease on tomatoes	—	✓	✓	4 hrs. 0	3-7 days
<b>MITICIDES (Acaricides)</b>							
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®	Potassium silicate	Mites, powdery mildew, <i>Botrytis</i> , aphids	✓	✓	✓	4 hrs. 0	7-10 days
<b>NEMATOCIDES</b>							
MeloCon® WG	<i>Paecilomyces lilacinus</i>	Plant parasitic nematodes, including root knot, burrowing, cyst, root lesion, false root knot and sting nematodes	✓	✓	✓	4 hrs. 0	4-6 weeks
<b>HERBICIDES</b>							
Final-San-O™	Ammoniated soap of fatty acids	Grasses and broadleaf weeds	✓ <sup>2</sup>	✓	✓	24 hrs. 0	14-21 days
Homeplate®	Fatty acid (caprylic and capric acid blend)	Broadleaf weeds, grasses, algae and moss	✓ <sup>2</sup>	✓	n/a	12 hrs. 0	n/a
<b>SILICON AND POTASSIUM BIONUTRIENT SOURCE</b>							
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 follow label instructions.