

Active Ingredient	Pest Controlled	OMRI Listed	NOP Approved	Residue Exempt	REI	PHI	Application Interval ¹
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
Trident®	<i>Bt tenebrionis</i> strain SA-10	Colorado potato beetle larvae and adults	✓	✓	✓	4 hrs. 0	3-14 days
Bioinsecticides							
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
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							
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
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	Anthraxnose, <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
Biochemicals							
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 ³	7-10 days
Kocide® 3000-O	Copper hydroxide	Bacterial disorders, fire blight	—	—	✓	48 hrs. 0 ³	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
Bacteriophages							
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
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®	Potassium silicate	Mites, powdery mildew, <i>Botrytis</i> , aphids	✓	✓	✓	4 hrs. 0	7-10 days
NEMATOCIDES							
MeloCon® WG	<i>Paeclomyces lilacinus</i>	Plant parasitic nematodes, including root knot, burrowing, cyst, root lesion, false root knot and sting nematodes	✓	✓	✓	4 hrs. 0	4-6 weeks
HERBICIDES							
Final-San-O™	Ammoniated soap of fatty acids	Grasses and broadleaf weeds	✓ ²	✓	✓	24 hrs. 0	14-21 days
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



AgSil and Sil-MATRIX are registered trademarks of PQ Corporation; Cueva, Sluggo and Bug-N-Sluggo of W. Neudorff GmbH KG; and Madex of Andermatt Biocontrol AG.

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.

Always read and carefully follow label instructions.