

	Active Ingredient	Pest Controlled	OMRI Listed	NOP Appr.	Residue Exempt	REI	PHI	Interval*	Bee Safe
BIOLOGICAL PLANT ACTIVATOR									
LIFEGARD™	<i>Bacillus mycoides</i> isolate J	Early blight, late blight, white mold, PVY potato virus Y (seed potatoes), <i>Cercospora</i> blight	✓	✓	✓	4 hrs.	0	—	✓
INSECTICIDES									
Bt Biolarvicides									
Agree® WG	<i>Bt aizawai</i> strain GC91	Lepidoptera (caterpillar) pests	✓	✓	✓	4 hrs.	0	3-14 days	✓
CryMax® WDG	<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									
PFR-97™	<i>Isaria fumosorosea</i> Apopka strain 97	Aphids, whiteflies, thrips, mites, psyllids	✓	✓	✓	4 hrs.	0	7-10 days	**
Insect Growth Regulator									
Neemix® 4.5 EC	Azadirachtin	Leafminers, whiteflies, aphids	✓	✓	✓	4 hrs.	0	7-21 days	✓
Insecticidal Viruses									
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	✓	✓	✓	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	✓	✓	✓	4 hrs.	0	7-21 days	✓
Insecticidal Baits									
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®	<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	✓	✓	✓	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 ¹	7-10 days	✓
Kocide® 3000	Copper hydroxide	Bacterial disorders, fire blight	—	—	✓	48 hrs.	0 ¹	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	✓
MITICIDES (Acaricides)									
PFR-97™	<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® WDG	<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	✓
HERBICIDES									
Final-San-O™	Ammoniated soap of fatty acids	Grasses and broadleaf weeds	✓***	✓	✓	24 hrs.	0	14-21 days	✓
ABIOTIC STRESS MANAGEMENT									
SCREEN™ Duo	Enhanced kaolin blend	Heat stress and sunburn management	—	—	✓	0 hrs.	0	7-14 days	✓
SILICON AND POTASSIUM NUTRIENT 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	✓

*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.

**Do not apply when bees are actively foraging.

***OMRI listed with conditions.

¹PHI is 0 unless otherwise noted.

Always read and carefully follow label instructions.

