








Greenhouse vegetable production solutions

Products	Active	Group	Family or subgroup	Systemic or contact	Mode of action	Key pests	Crop uses	Residual control	REI	PHI (days)
INSECT AND MITE SOLUTIONS										
 ALTUS	flupyradifurone	4D	butenolide	systemic/ contact – xylem mobile	agonist of the nicotinic acetylcholine receptor rapid inhibition of feeding	aphids, whitefly, leafhoppers	tomato, cucumber*, lettuce, pepper, eggplant, strawberries	foliar 14–21 days drench up to 6 weeks	12 hr	12 hours – strawberries 1 day – tomato, cucumber, lettuce 3 days – pepper, eggplant
 KONTOS	spirotetramat	23	tetramic acid	fully systemic – xylem and phloem mobile	lipid biosynthesis inhibitor	aphids, whitefly	tomato, cucumber, pepper, eggplant, lettuce	up to 30 days	12 hr	3 days 7 days – lettuce
 FORBID	spiromesifen	23	tetramic acid	contact-local/ systemic – translaminar	lipid biosynthesis inhibitor	mites, whitefly	tomato, cucumber, pepper, eggplant	up to 30 days	12 hr	3 days
 INTERCEPT <small>GOWP</small>	imidacloprid	4A	neonicotinoid	systemic/ contact – xylem mobile	binds to postsynaptic area nerve	aphids, whitefly, swede midge	tomato, cucumber, pepper, eggplant, lettuce, head and stem brassica (Group 5a) – see updated label for details	up to 8 weeks	12 hr	1 day – cucumber, tomato 3 days – pepper, eggplant 21 days – brassica 28 days – lettuce

* May cause some leaf yellowing and/or mottling.

** Note label for Intercept has changed. New requirements for greenhouses using a closed recirculation system.

See current product label for details. https://www.assets.envu.com/-/media/prfcanaa/product-labels/greenhouse-nursery/intercept_label_april2023_en.ashx

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DISEASE CONTROL SOLUTIONS										
 RHAPSODY^{ASO}	bacillus subtilis - QST 713	BM	biologic	contact	multi-site – lipopeptides puncture membranes, antibacterial action, triggers plants' internal defenses	powdery mildew, botrytis, downy mildew, sclerotinia rot, gummy stem blight, cercospora leaf spot, white mould, bacterial blight, bacterial speck, bacterial spot, pin rot	tomato, cucumber, pepper, eggplant, lettuce, leafy vegetables, cole crops, cucurbits, herbs and spices – refer to label for specific crops and labelled pests	7-10 days, except leafy vegetables (10-14 days)	4 hr or until dry	0 days
 PREVICUR^N	propamocarb	28	carbamate	systemic	multi-site – reduces spores and mycelium, inhibits membrane function	pythium, downy mildew (suppression) cucumber only	tomato, cucumber, pepper, eggplant	7-10 days – pythium 7-14 days – downy mildew	12 hr	1 day – tomato, pepper 2 days – cucumber, eggplant
 LUNA PRIVILEGE^{Greenhouse}	fluopyram	7	SDHI (succinate dehydrogenase inhibitor)	systemic – xylem mobile	single site – C2 Respiration – inhibition of complex II	botrytis, powdery mildew, early blight	cucumber, pepper, eggplant, tomato, lettuce	foliar 7-14 days drench 30 days	12 hr	can be applied up until the day of harvest for tomato, pepper, eggplant, and cucumber 7 days – lettuce

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ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.

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