



Product Use Overview



VEGETABLES

| Brassica, Bulb Crops, Cucurbits, Fruiting Vegetables, Leafy & Lettuce Vegetables, Tuberos and Corm (Root) Vegetables |

	Product	Key Problems / Uses	Product Benefits and Use Recommendations
Insecticides	Asana[®] XL Insecticide	Aphids, beetles, borers, grasshoppers, whiteflies, worms	Long-lasting, unique cottonseed oil formulation for proven, outstanding control on a broad spectrum of pests. Labeled rate range: 2.9–9.6 fl oz/A. REI: 12 hours. PHI: see label. Asana XL is a restricted use pesticide.
	Belay[®] Insecticide	Aphids, beetles, stink bugs	Long-lasting, fast-acting control of a broad spectrum of pests. Apply when target pest(s) populations are observed. Labeled rate range for foliar application: 3–4 fl oz/A (2–3 fl oz/A for tuberos and corm vegetables). Labeled rate range for soil application: 9–12 fl oz/A. REI: 12 hours. PHI for foliar application: 7 days (14 days for tuberos and corm vegetables). PHI for soil application: 21 days. Belay is not for use on bulb crops or fruiting vegetables.
	Danitol[®] 2.4 EC Spray	Aphids, beetles, stink bugs, thrips, two-spotted spider mite*, worms *Except California	Quick knock down, broad spectrum control of insects that won't flare mites. Labeled rate range: 10 ² / ₃ –16 fl oz/A. REI: 24 hours. PHI: see label. Danitol is a restricted use pesticide.
	DiPel[®] DF Biological Insecticide Dry Flowable	Lepidopteran larvae (caterpillar and worm) pests, hornworms, leafrollers, loopers and more	No impact to pollinators or beneficials with high selectivity to lepidopteran (caterpillar and worm) pests. Apply when insects are hatching or small larvae are present. Labeled rate range: 0.5–2 lb/A. REI: 4 hours. PHI: 0 days.
	Esteem[®] Ant Bait	Ants	Effective, long-lasting control of fire ants and other ants. Apply 1.5–2 lb/A in the early spring or summer at the first sign of ant activity. REI: 12 hours. PHI: 24 hours.
	EverGreen[®] Crop Protection EC 60-6	Aphids, armyworms, beetles, grasshoppers, leafhoppers, loopers, lygus, psyllids, thrips	Controls more than 100 different insects throughout the entire season including right up until harvest. An ideal pre-harvest cleanup spray because it provides fast knock down and control with minimal field re-entry time. Labeled rate range: 2–16 fl oz/A. REI: 12 hours. PHI: 0 days.
	Knack[®] Insect Growth Regulator	Whiteflies (banded wing, greenhouse, silverleaf, sweet potato)	Long-lasting whitefly control; easy on beneficial insects. Labeled rate range: 8–10 fl oz/A. REI: 12 hours. PHI: see label.
	Pyganic[®] Crop Protection EC 1.4_{II}/5.0_{II}	Aphids, leafhoppers, mites, squash bugs, stink bugs, thrips, whiteflies	Controls more than 150 insects. <i>Pyganic</i> 1.4 _{II} outdoor labeled rate range: 16–64 fl oz/A. <i>Pyganic</i> 5.0 _{II} labeled rate range: 4.5–15.61 fl oz/A. REI: 12 hours. PHI: 0 days.
	Senstar[®] Insecticide	Aphids, onion thrips (larvae), psyllids, swedge midge, whiteflies	With two effective modes of action, <i>Senstar</i> provides fast, long-lasting control of soft-bodied insects at all life stages, including eggs. Labeled rate range: 6–10 fl oz/A. REI: 24 hours. PHI: see label. Senstar is not approved for use in California on all crops. See label for additional instructions.
	Venom[®] Insecticide	Flea beetles, leafhoppers, leafminers, thrips, whiteflies	Super-systemic insecticide for quick, long-lasting control of tough pests. Labeled rate for soil: see label for use rates according to pest pressure and crop. REI: 12 hours. PHI: see label.
XenTari[®] Biological Insecticide Dry Flowable	Lepidopteran larvae (caterpillar and worm) pests, including armyworms, beet armyworms and diamondback moth	Highly selective, effective control of armyworms and diamondback moths larvae. Labeled rate range: ½–2 lb/A. REI: 4 hours. PHI: 0 days.	





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Fungicide/ Insecticide	Leap® ES Bacterial Disease Management Biological Insecticide Emulsifiable Suspension	Bacterial spot, Lepidopteran larvae (caterpillar and worm) pests	Get protection of bacterial spot (with a non-copper-based mode of action) and worm control with <i>Leap</i> . Apply before the disease appears. Reapply every 5–10 days during the season up to 8 applications—up to the day of harvest. Labeled rate range: 0.5–2 qt/A (1 qt/A for typical use and 2 qt/A when heavy disease incidence and severity are expected). REI: 12 hours. PHI: 0 days.
Fungicides	Elumin® Fungicide	Cucurbit downy mildew, Phytophthora blight, Phytophthora root rot, pink rot, Pythium leak	<i>Elumin</i> is an oomycete fungicide that adds effectiveness to your rotational spray programs so that you maximize crop quality and marketable yield. Labeled rate: 8 fl oz/A. REI: 12 hours. PHI: 2 days.
	Presidio® Fungicide	Cavity spot, damping-off, downy mildew, late blight, Phytophthora blight/crown rot, Phytophthora root rot, white rust	<i>Presidio</i> is targeted chemistry with a unique mode of action for fungicide rotation programs and is highly systemic for effective control of a broad spectrum of soil-borne and foliar diseases. Labeled rate range: 3–4 fl oz/A. Consult label for specific crop rates. <i>Presidio</i> must be tank mixed with a labeled rate of another fungicide active against the target pathogen, but with a different mode of action. REI: 12 hours. PHI: 2 days.
Herbicide	Select Max® Herbicide with Inside Technology™	Annual and perennial grasses	Postemergence grass control with excellent crop safety. For annual grasses, use 9–16 fl oz/A. For perennial grasses, use 12–16 fl oz/A. Do not apply more than 64 fl oz/A per season (32 fl oz/A for Long Island, NY). For repeat applications, make on a minimum of a 14-day interval. REI: 24 hours. PHI: see label. Please see label for crop specific application restrictions.
Plant Growth Regulators	ProGibb® 40% Plant Growth Regulator Water Soluble Granule ProGibb® LV Plus Plant Growth Regulator Solution	Stimulates plant growth	Active ingredient in <i>ProGibb</i> , gibberellic acid, is a natural plant growth regulator found in most plants that promotes the growth and development of flowers, fruits, leaves and stems See product label for rates and timings by variety. REI: 4 hours.



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DiPel DF, Pyganic, ProGibb and XenTari are NOP compliant and OMRI listed for organic production.



Asana XL and Danitol are restricted use pesticides.