



# Product Use Overview



| Florida |

	Product	Organic Solution	Key Problems / Uses	Product Benefits and Use Recommendations
Insecticides	<b>Belay® Insecticide</b>		Aphids, Asian citrus psyllids, blackfly, citrus leafminer, leafhoppers, mealybugs, scale, thrips (suppression), whiteflies (suppression)	Non-bearing citrus: Long-lasting, broad spectrum insect control that is effective in all soil textures and readily available for uptake. For new plantings or resets (<3 feet tall): 3 fl oz/A or 0.02 fl oz/tree. For 1- to 2-year-old trees (3–5 feet tall): 6 fl oz/A or 0.04 fl oz/tree. Allow a minimum of 6 weeks between applications. Do not apply more than 24 fl oz/A or exceed 0.4 lb active ingredient per acre per year. Do not apply within 1 year of harvest unless allowed under other labeling. REI: 12 hours. <b>For use only in Florida.</b>
	<b>Danitol® 2.4 EC Spray</b>		Asian citrus psyllids, leafhoppers, mites, weevils (Diaprepes)	Quick knock down of broad spectrum of insects. Trusted tool for Asian citrus psyllids. Important component of Citrus Health Management Area programs. Flexible methods of application including ground, aerial or ultra-low volume spray. Labeled rate range: 16–21½ fl oz/A. Maximum 42½ fl oz/A per season. REI: 24 hours. PHI: 1 day. <b>Danitol is a restricted use pesticide.</b>
	<b>Debug® Tres†</b>	X	Aphids, mites, psyllids, scales, thrips	Combines the power of Azadirachtin and Neem Oil into one long-lasting solution. Use <i>Debug Tres</i> when you want the strongest Azadirachtin punch—this formula provides long-lasting residual control with broad pest coverage and minimal oil, making it ideal for rotational programs. Controls more than 150 insects. Labeled rate range: 8–22.5 fl oz/A. REI: 4 hours. PHI: 0 days.
	<b>Debug® Turbo†</b>	X	Aphids, mites, psyllids, scales, thrips	Combines the power of Azadirachtin and Neem Oil into one long-lasting solution. Use <i>Debug Turbo</i> when you need thorough contact control—this oil-rich formulation delivers Neem Oil to suffocate soft-bodied pests while Azadirachtin provides added knockdown and residual activity. Controls more than 150 insects. Labeled rate range: 16–104 fl oz/A. REI: 4 hours. PHI: 0 days.
	<b>DiPel® DF Biological Insecticide Dry Flowable†</b>	X	Lepidopteran pests, including orangedog	Outstanding control of a broad spectrum of Lepidopteran (caterpillar and worm) pests. No impact to pollinators or beneficials with high selectivity to Lepidopteran pests. Apply 0.5–2 lb/A when insects are feeding. REI: 4 hours. PHI: 0 days.
	<b>Esteem® Ant Bait</b>		Protein-feeding ants, including Southern fire ant	Effective long-lasting control of fire ants and other protein-feeding ants. Apply 1.5–2 lb/A at the first sign of ant activity. REI: 12 hours. PHI: 1 day.
	<b>Exponent® Insecticide Synergist</b>		For use as a synergist in a tank mix to aid in improving the control of insects	Increases the speed of control and level of control of tank mix partners. Enhances the efficacy of pyrethrins, pyrethroids and other classes of insecticides. Raises the level of control by increasing insect susceptibility to insecticides and acaricides. Labeled rate range: See label for rates with appropriate insecticide. REI: 12 hours. PHI: Use insecticide mix partner PHI.



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Insecticides	Pyganic® Crop Protection EC 1.4 <sub>II</sub> / 5.0 <sub>II</sub> <sup>†</sup>	X	Aphids, leafhoppers, mites, stink bugs, whiteflies	Controls a broad spectrum of insects. Apply when target pest(s) populations are observed. For improved resistance management, consider rotating <i>Pyganic</i> with <i>Debug</i> brands. <i>Pyganic</i> 1.4 <sub>II</sub> : 16–64 fl oz/A. <i>Pyganic</i> 5.0 <sub>II</sub> : 4.5–15.61 fl oz/A. REI: 12 hours. PHI: 0 days.
	Senstar® Insecticide		Aphids, Asian citrus psyllids, blackfly, leafminer, mealybugs, scale, thrips, 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 and crawlers. Labeled rate range: 16–20 fl oz/A. REI: 24 hours. PHI: 1 day.
Fungicide	Presidio® Fungicide		Phytophthora root rot and foot rot ( <i>Phytophthora</i> spp.)	<b>New or Established Plantings:</b> Apply to the soil beneath the canopy or apply through the drip or micro-sprinkler irrigation. <b>Individual Tree Application to New Plantings or Resets:</b> Mix 3–4 fl oz in 20 gallons of water. Apply up to 10 fl oz of finished solution uniformly around the base of each tree, directed at the root zone. Labeled rate: 4 fl oz/A. Do not make more than one application of <i>Presidio</i> per year. REI: 12 hours. PHI: 30 days.
Herbicide	Chateau® EZ Herbicide		Common ragweed, Florida pusley, lambsquarters, pigweeds, teaweed	<i>Chateau</i> EZ is a more convenient, easy-to-use liquid formulation. Long-lasting control of a broad range of broadleaf weeds and annual grasses. Clean out sprayer thoroughly after each use. Labeled rate range: 6–12 fl oz/A. Max 24 fl oz per year. REI: 12 hours. PHI: 3 days.
Plant Growth Regulators	ProGibb® 40% Plant Growth Regulator Water Soluble Granule <sup>†</sup>	X	Increase fruit set and yield. Delay rind aging, reduce physiological disorders and produce a more orderly harvest pattern.	Refer to product label for rates and timings by variety. REI: 4 hours. PHI: 0 days.
	ProGibb® LV Plus Plant Growth Regulator <sup>†</sup>	X	Prevents pre-harvest fruit drop, increases fruit set and yield, delays rind aging and softening, increases peel strength	Refer to the label for specific crops and rate recommendations. REI: 4 hours. PHI: 0 days.

Debug® Tres, Debug® Turbo, Pyganic® Crop Protection EC 1.4<sub>II</sub> and Pyganic® Crop Protection EC 5.0<sub>II</sub> are OMRI Listed under MGK for organic production.



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**Always read and follow label instructions. Check to be sure product is approved in your area before use and contact Valent or your local state agency for more information.**

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<sup>†</sup>*Debug*® Tres Emulsifiable Concentrate Antifeedant, Insect Repellent, Insecticide, Miticide, Fungicide & Nematicide, *Debug*® Turbo Emulsifiable Concentrate Antifeedant, Insect Repellent, Insecticide, Miticide, Fungicide & Nematicide, *DiPel*® DF Biological Insecticide Dry Flowable, *ProGibb*® 40% Plant Growth Regulator Water Soluble Granule, *ProGibb*® LV Plus Plant Growth Regulator Liquid, *Pyganic*® Crop Protection EC 1.4<sub>II</sub> and *Pyganic*® Crop Protection EC 5.0<sub>II</sub> are NOP compliant and OMRI Listed for organic production.

*Danitol* is a restricted use pesticide.



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