



# Product Use Overview



| Western |

|              | Product   | Organic Solution | Key Problems / Uses   | Product Benefits and Use Recommendations   |
|--------------|---|------------------|---|--|
| Insecticides | Danitol® 2.4 EC Spray   |                  | Asian citrus psyllid, citrus red mite, citrus thrips, cutworms, katydid                   | Quick knock down of broad spectrum of insects. Trusted tool for Asian citrus psyllid. Important component of Citrus Health Management Area programs. Flexible methods of application including ground, aerial or ultra-low volume spray. Labeled rate: 16–21½ fl oz/A. Maximum 42¾ fl oz/A per season. REI: 24 hours. PHI: 1 day.<br><br><b>Danitol is a restricted use pesticide.</b>   |
|              | DiPel® DF Biological Insecticide Dry Flowable†                      | X                | Lepidopteran pests, including tortrix, leafroller and 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.   |
|              | Esteem® Ant Bait  |                  | Ants, including Southern (California) fire ant  | Effective long-lasting control of fire ants and other noxious ant species. Apply 1.5–2 lb/A at the first sign of ant activity. REI: 12 hours. PHI: 24 hours.   |
|              | Esteem® 0.86 EC Insect Growth Regulator                             |                  | Scales, including California red scale, brown soft scale and more                         | Long-lasting scale control. Easy on beneficials. Labeled rate: 16 fl oz/A. Do not make more than one application per growing season. Do not exceed 16 fl oz/A per season. REI: 12 hours. PHI: 1 day.   |
|              | EverGreen® Crop Protection EC 60-6                                  |                  | Ants, aphids, grasshoppers, leafhoppers, psyllids, thrips                                 | Ideal pre-harvest, cleanup spray. Fast knock down of more than 100 different insects. Labeled rate range: 2–12.6 fl oz/A. REI: 12 hours. PHI: 0 days.  |
|              | Exponent® Insecticide Synergist                                     |                  | 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.   |
|              | Pyganic® Crop Protection EC 1.4 <sub>ii</sub> / 5.0 <sub>ii</sub> † | X                | Aphids, katydids, leafhoppers, mealybugs, mites, psyllids, stink bugs, thrips, 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 Debug® brands, a combination of neem oil and azadirachtin. For more information on Debug brands, visit mgk.com.<br><i>Pyganic</i> 1.4 <sub>ii</sub> : 16–64 fl oz/A.<br><i>Pyganic</i> 5.0 <sub>ii</sub> : 4.5–15.61 fl oz/A.<br>REI: 12 hours. PHI: 0 days. |
|              | Senstar® Insecticide  |                  | Aphids, Asian citrus psyllid, mealybugs, scales (including California red scale)          | With two effective modes of action, <i>Senstar</i> provides 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.   |
|              | XenTari® Biological Insecticide Dry Flowable†                       | X                | Armyworms, cutworms*<br>*Except California  | Environmentally friendly and effective control of Lepidopteran (worm) pests. Treat when larvae are young (early instars) before crop is damaged. Labeled rate range: 0.5–2 lb/A. REI: 4 hours. PHI: 0 days.  |



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| Fungicide               | Presidio® Fungicide   |                  | Phytophthora root rot and foot rot ( <i>Phytophthora</i> spp.)   | For <u>new or established plantings</u> , spray directly on the soil beneath canopy or apply through drip or micro-sprinkler irrigation. Labeled rate: 4 oz/A. Do not make more than one application of <i>Presidio</i> per year. REI: 12 hours. PHI: 30 days.  |
| Herbicides              | Chateau® EZ Herbicide                                       |                  | Chickweeds, fleabane, groundsel, mallow, marestail, shepherd's purse   | <i>Chateau</i> EZ is a more convenient, easy-to use liquid formulation. Long-lasting preemergence 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.   |
|                         | Select Max® Herbicide with Inside Technology™ (non-bearing) |                  | Annual and perennial grasses   | Non-bearing. Superior postemergence for systemic grass control with outstanding crop safety. Lower volatile organic compound (VOC) formulation than other clethodim formulations. Labeled rate range: 9–16 fl oz/A. Do not apply more than 16 fl oz/A in a single application. Do not apply more than 64 fl oz/A per year. For repeat applications make a minimum of a 14-day interval. REI: 24 hours. PHI: 1 year. |
| Plant Growth Regulators | ProGibb® 40% Plant Growth Regulator Water Soluble Granule†  | X                | Increase fruit set and yield. Delay rind aging, reduce physiological disorders and produce a more orderly harvest pattern. | See product label for rates and timings by variety. REI: 4 hours. PHI: 0 days.<br><br><b><i>ProGibb</i> 40% is not labeled for use in California on some varieties; refer to the label.</b>   |
|                         | ProGibb® LV Plus Plant Growth Regulator Solution†           | X                | Increase fruit set and yield. Delay rind aging, reduce physiological disorders and produce a more orderly harvest pattern. | See product label for rates and timings by variety. REI: 4 hours. PHI: 0 days.  |

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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†*DiPel*® DF Biological Insecticide Dry Flowable, *ProGibb*® 40% Plant Growth Regulator Water Soluble Granule, *ProGibb*® LV Plus Plant Growth Regulator Solution, *Pyganic*® Crop Protection EC 1.4<sub>ii</sub>, *Pyganic*® Crop Protection EC 5.0<sub>ii</sub> and *XenTari*® Biological Insecticide Dry Flowable are NOP compliant and OMRI Listed for organic production.

*Danitol* is a restricted use pesticide.



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