



Product Use Overview



STRAWBERRIES

	Product	Organic Solution	Key Problems / Uses	Product Benefits and Use Recommendations
Insecticides	Danitol® 2.4 EC Spray		Spotted wing drosophila, aphids, armyworms, loopers, root weevils, sap beetle, spittle bug, tarnished plant bug, two-spotted spider mite	Quick knock down of a broad spectrum of insects. Labeled rate range: 10 ² / ₃ –21 ¹ / ₃ fl oz/A, not to exceed 32 fl oz/A per season. Apply with ground equipment in adequate water for uniform coverage (a minimum of 100 gallons/A). REI: 24 hours. PHI: 2 days. Danitol is a restricted use pesticide.
	Debug® Tres†	X	Aphids, lygus, mites, 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.
	Debug® Turbo†	X	Aphids, mites, thrips, whiteflies	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.
	DiPel® DF Biological Insecticide Dry Flowable†	X	Lepidopteran pests, including armyworms, cutworms, leafrollers and more	No impact to pollinators or beneficials with high selectivity to Lepidopteran (caterpillar and worm) pests. Scout and apply when larvae are hatching or small larvae are starting to move on the foliage and/or fruit. Labeled rate range: 0.5–2 lb/A. REI: 4 hours. PHI: 0 days.
	Esteem® 0.86 EC Insect Growth Regulator		Banded wing whitefly, greenhouse whitefly, silverleaf whitefly, sweetpotato whitefly	Long-lasting scale control. Easy on beneficials. Labeled rate: 10 fl oz/A. Do not make more than two applications per growing season. Do not exceed 20 fl oz/A per season. REI: 12 hours. PHI: 2 days.
	Esteem® Ant Bait		Ants	For long-lasting control of protein-feeding ants. Apply in the early spring or summer at the first sign of ant activity. Labeled rate range: 1.5–2.0 lb/A. REI: 12 hours. PHI: 24 hours.
	EverGreen® Crop Protection EC 60-6		Ants, aphids, fruit flies, Japanese beetle, leafhoppers, leafrollers, stink bugs, 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: See label for rates with appropriate insecticide. REI: 12 hours. PHI: Use insecticide mix partner PHI.
	Knack® Insect Growth Regulator		Banded wing whitefly, greenhouse whitefly, silverleaf whitefly, sweetpotato whitefly	Long residual; keeps populations from exploding. Soft chemistry—easy on beneficial insects. Translaminar activity; reaches pests where they feed. Labeled rate: 10 fl oz/A. REI: 12 hours. PHI: 2 days.
	Pyganic® Crop Protection EC 1.4_{II} / 5.0_{II}†	X	Aphids, fruit flies, Japanese beetle, leafhoppers, leafrollers, stink bugs, thrips, weevils, worms	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 _{II} : 16–64 fl oz/A. Use 32 fl oz/A for most situations, adjust rate needed for control. <i>Pyganic</i> 5.0 _{II} : 4.5–15.61 fl oz/A. Use 9 fl oz/A for most situations, adjust rate as needed for control. Maximum 10 applications per season. REI: 12 hours. PHI: 0 days.
	XenTari® Biological Insecticide Dry Flowable†	X	Lepidopteran pests, including armyworms, cutworms*, leafrollers* and more *Except California	Proven and effective Lepidoptera control without harming beneficials. 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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Insecticides	Zeal[®] Miticide¹		European red mite, Pacific spider mite, two-spotted spider mite	Long-lasting mite control with translaminar and ovicidal activity. One application per season. <i>Zeal</i> is a mite growth regulator that affects all mite life stages, including eggs. Labeled rate range: 2–3 oz/A per season. REI: 12 hours. PHI: 1 day.
	Zeal[®] MVP Miticide		European red mite, Pacific spider mite, two-spotted spider mite	Long-lasting mite control with translaminar and ovicidal activity. <i>Zeal MVP</i> is an optimized EC liquid formulation of etoxazole that delivers better and more comprehensive performance versus original Etoxazole WSP formulations. One application per season. <i>Zeal MVP</i> is a mite growth regulator that affects all mite life stages, including eggs. Labeled rate range: 23–34.6 fl oz/A per season. REI: 12 hours. PHI: 1 day.
Fungicide	Intuity[®] Fungicide		Botrytis gray mold, powdery mildew (suppression)	Delivers preventive and residual Botrytis control, locally systemic and translaminar activity, and powdery mildew suppression. Labeled rate: 6 fl oz/A. REI: 12 hours. PHI: 0 days.
Herbicides	Chateau[®] EZ Herbicide		More than 90 broadleaf weeds and grasses, including chickweed, prickly sowthistle*, shepherd's-purse and many other tough weeds *Except California	Proven, broad spectrum, long-lasting preemergence herbicide in a more convenient, easy-to-use liquid formulation. Farm-friendly and weather-ready. <i>Chateau EZ</i> stays where you put it; won't leach or co-distillate; no photo-degradation; remains active until ¼-inch rainfall or irrigation releases its activity. For best results, apply before weeds emerge in the fall. Labeled rate: 3 fl oz/A. REI: 12 hours. PHI: Do not apply after fruit set.
	Select Max[®] Herbicide with Inside Technology[™]		Annual and perennial grasses	Superior postemergence for systemic grass control with outstanding crop safety. For annual grasses, use 9–16 fl oz/A. For perennial grasses, use 12–16 fl oz/A. REI: 24 hours. PHI: 4 days.
Plant Growth Regulators	ProGibb[®] 40% Plant Growth Regulator Water Soluble Granule[†]		To increase runner production of mother plants	Make a single application to mother plants 10 to 30 days after planting. Efficacy is best when plants have 1 to 6 leaves at spraying. Apply 100 gallons spray per acre to point of run-off. Not for use on fruiting plants. Labeled rate range: 1.4–2.3 oz/A. REI: 4 hours. PHI: 0 days. ProGibb 40% is not labeled for use in California on strawberries.
	ProGibb[®] LV Plus Plant Growth Regulator Solution[†]		To increase runner production of mother plants	Make a single application to mother plants 10 to 30 days after planting. Efficacy is best when plants have 1 to 6 leaves at spraying. Apply 100 gallons spray per acre to point of run-off. Not for use on fruiting plants. Labeled rate range: 7.5–12.5 fl oz/A. REI: 4 hours. PHI: 0 days. ProGibb LV Plus is not labeled for use in California on strawberries.

Debug[®] Tres, Debug[®] Turbo, Pyganic[®] Crop Protection EC 1.4_{II} and Pyganic[®] Crop Protection EC 5.0_{II} are OMRI Listed under MGK for organic production.



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[†]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 Solution, Pyganic[®] Crop Protection EC 1.4_{II}, Pyganic[®] Crop Protection EC 5.0_{II} and XenTari[®] Biological Insecticide Dry Flowable are NOP compliant and OMRI Listed for organic production.

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