

Stone Fruit Insecticide Recommendations from DuPont



Count on DuPont™ to provide reliable and consistent control for key pests in stone fruit. DuPont insecticides, when used in programs, provide you season-long control of economically important pests in stone fruit.

Key Benefits of DuPont™ Altacor® insecticide:

- Breakthrough mode of action (Group 28 insecticide)
- Excellent environmental profile — registered by the EPA as a Reduced Risk product for peaches
- Long-lasting residual control
- No mite or aphid flaring
- Exceptional and lasting control of key lepidopteran pests such as codling moth, Oriental fruit moth, peach twig borer, omnivorous and obliquebanded leafroller
- Excellent crop protection — insects stop feeding in minutes
- Works through ingestion and contact, including contact ovicidal and ovi-larvicidal activity
- Minimal impact on beneficials, including honeybees; excellent fit with IPM programs
- No signal word
- No bee restrictions
- Application timing flexibility
- Excellent mixing and compatibility with many other products
- Excellent tank stability under a wide range of spray tank pH conditions (pH 1-9).

Key Benefits of DuPont™ Asana® XL insecticide:

- Proven and consistent control (Group 3 insecticide)
- Excellent control of peach twig borer[†] and other key pests when used in dormant and delayed dormant timings
- In-season applications provide excellent contact and residual control of peach twig borer[†], Oriental fruit moth, leafrollers, green fruitworm, plum curculio, western cherry fruit fly, peach tree borer, American plum borer, black cherry aphid, leafhoppers, plant bugs and periodical cicada

- Proprietary formulation provides additional UV stability and added rainfastness
- Flexibility in application timing
- Excellent pest control alone and in combination
- Excellent tank stability under a wide range of spray tank pH conditions (pH 5-9).

Key Benefits of DuPont™ Avaunt® insecticide:

- Group 22 insecticide, excellent rotational partner with Altacor®
- Excellent environmental profile
- Long-lasting residual control
- Low impact to bees once spray has dried, and no impact on predatory mites when wet or dry
- Exceptional and lasting control of peach twig borer, plum curculio, katydid* and suppression of Oriental fruit moth
- Excellent crop protection — insects stop feeding in 0-4 hours
- Works through ingestion and contact activity
- Provides suppression of adult (moth) stages. Adult (moth) activity is seen from direct spray contact as well as consumption of resuspended dried residues from spray or dew
- Excellent tank stability under a wide range of spray tank pH conditions (pH 5-9).

Key Benefits of DuPont™ Lannate® SP** insecticide (nectarine and peach only):

- Quick knockdown, Lannate® SP is lightning fast (Group 1A insecticide)
- Short residual for fast beneficial recovery
- Proven and consistent control
- Low impact to bees and predatory mites once spray is dried
- Broad-spectrum control of pests in peach and nectarine

DuPont™ Altacor®, Avaunt®, Asana® XL and Lannate® SP insecticides
Stone Fruit Insecticide Crop Timing and Pest Recommendations:**



Crop Timing	Pest	Product Recommendations
Dormant and Delayed Dormant	Peach twig borer†	Asana® XL alone or in combination for peach twig borer† (for best results use the higher labeled use rates) Use appropriate EPA-registered dormant oil for 1st-generation peach twig borer
	Peach twig borer	Avaunt® at 6 oz product/A for peach twig borer Use appropriate EPA-registered dormant oil (Calif. only)
	Peach twig borer	Altacor® at 3.5-4.5 oz product/A for best results Use appropriate EPA-registered dormant oil
Bloom and Petal Fall	Peach twig borer, Oriental fruit moth, omnivorous leafroller, codling moth, obliquebanded leafroller	Altacor® at 3-4.5 oz product/A for all labeled Lep pests (no bee statement, strong residual)
	Peach twig borer, katydid*, Oriental fruit moth (suppression)	Avaunt® at 6 oz product/A for peach twig borer and katydid* control, and suppression of Oriental fruit moth when bees are not foraging
	Peach twig borer†	Asana® XL — Do not apply to blooming crops while bees are actively visiting the treatment area. Minimal effect on bees once sprays have dried. Dried residues will not resuspend.
	Thrips (nectarine only), green peach aphid (peach only)	Lannate® SP (nectarine and peach only) — Do not apply to blooming crops while bees are actively visiting the treatment area
Post Bloom Cover Sprays	Peach twig borer, katydid*, Oriental fruit moth (suppression)	Avaunt® at 6 oz product/A for peach twig borer and katydid* control, and suppression of Oriental fruit moth, post bloom or first cover spray. Apply alone or in combination with Asana® XL
	Peach twig borer, Oriental fruit moth, omnivorous leafroller, codling moth, obliquebanded leafroller	Altacor® at 3-4.5 oz product/A for best results following Avaunt® for all labeled Lep pests
	Peach twig borer†, Oriental fruit moth, leafrollers, green fruitworm, plant bugs	Asana® XL alone or in combination with Avaunt® or Altacor®
Preharvest	Peach twig borer, Oriental fruit moth, omnivorous leafroller, codling moth, obliquebanded leafroller	Altacor® at 3-4.5 oz product/A for all labeled Lep pests
	Peach twig borer, Oriental fruit moth (suppression), katydid*	Avaunt® at 6 oz product/A, apply alone or in combination with Asana® XL
	Peach twig borer†, Oriental fruit moth, leafrollers, green fruitworm, plant bugs	Asana® XL

Product	Use Rate Range (Per Acre)	Pre Harvest Interval	Reentry interval
Altacor® ¹	3.0-4.5 oz	10 days	4 hours
Avaunt® ²	5.0-6.0 oz	14 days	12 hours
Asana® XL ^{3,4}	4.8-14.5 fl oz	14 days	12 hours
Lannate® SP ^{**5}	8.0-16.0 oz	4 days peach; 1 day nectarine	4 days peach; 72 hours nectarine

¹ Make no more than 4 applications per season. Do not apply more than 9 oz/acre/crop/season. The minimum interval between treatments is 7 days.

² Make no more than 4 applications/season. Do not apply more than 24 oz/acre/crop/season. The minimum interval between treatments is 7 days.

³ Do not apply more than 72.7 fl oz product/acre/season. No more than 58.1 fl oz product/acre/season between bloom and harvest.

⁴ For dilute spray apply 200-400 gals per acre, but do not apply more than 14.5 fl oz of Asana® XL per acre per treatment.

⁵ Nectarine – Do not apply more than 3 lb/acre/crop and 3 applications/crop; Peach – Do not apply more than 6 lb/acre/crop and 6 applications/crop.

† Calif. only

* This Avaunt® recommendation is made as permitted under FIFRA Section 2(ee) for use on stone fruit to control katydid in the state of California.

This recommendation has not been submitted to or approved by the EPA. The 2(ee) expiration date is 12/31/2011.

** ONLY nectarines and peaches on Lannate® SP label

Asana® XL and Lannate® SP are restricted-use pesticides.

This reference guide is not intended as a substitute for the product label for the product(s) referenced herein. Product labels for the above product(s) contain important precautions, directions for use and product warranty and liability limitations that must be read before using the product. Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label directions and precautions for use when using any pesticide alone or in tank mix combinations.

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Reorder No.: K-15176 (Replaces K-15056-1)



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