

TREE NUT PROGRAM AGAINST KEY PESTS

EFFECTIVE AND RELIABLE IPM TOOLS FOR HIGH VALUE CROP PROTECTION

TECHNICAL BULLETIN | TREE NUTS

Group	22/28	Insecticide
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START SMART ON TREE NUTS

Avaunt® eVo insect control at 6.0 oz./A provides rapid activity and residual control of codling moth, navel orangeworm, and peach twig borer with a unique mode of action that has a low impact on beneficial insects with no cross-resistance to other insecticides. That makes it a smart mummy spray choice.

AVAUNT® EVO INSECT CONTROL

The only Group 22A insecticide for labeled crops and pests. Effective control of the Lepidopteran spectrum such as **NOW**, **PTB** and **CM**, plus several species of weevils, beetles and sucking pests.

Manage tough early-season pests in tree nuts such as leaf-footed plant bug and green stink bug**.

- Doesn't flare mites, aphids or scales when used according to the label.
- Ovi-larvicidal, larvicidal and adult activity.^{2,3}
- Minimal impact on pollinators and other beneficial insects when used in accordance with the label.*
- Enhanced formulation delivers better mixability to save time and trouble during tank mixing and application.
- Binds to the leaf cuticle for residual activity that lasts five to 14 days against key insect pests.
- Ideal rotational tool for integrated pest management (IPM) and insect resistance management (IRM).
- Conveniently sized in 30-oz. packages to better align with equipment and practices.

FOLLOW UP SMARTER

At 1-5% hull split, use Altacor eVo insect control back to back within 10-14 days at 2.2 oz./A. This optimized high-load formulation offers the same pest spectrum as Altacor insect control, but allows growers, retailers, PCAs and consultants to handle, store and dispose of less product and packaging.

ALTACOR® EVO INSECT CONTROL

Altacor® eVo insect control powered by Rynaxypyr® active delivers reliable control of key Lepidopteran pests in tree nuts, such as **NOW**, **PTB**, **CM**, and **OFM** in an optimized formulation for more efficient pest management. Altacor eVo® insect control allows growers to do more with less — less packaging and less product — for superior control of the most yield-robbing pests in tree nuts, pome and stone fruits, citrus, cranberries and grapes.

- Ovicidal¹, ovi-larvicidal, larvicidal and adult activity.^{2,3}
- Low to minimal impact on beneficial insects and supportive of integrated pest management systems.
- Stops feeding within 7 minutes.
- No bee statement on label.
- Short four-hour REI and short PHIs.
- Does not flare secondary pests or mites.
- Flexible application method.
- Conveniently sized in 18-oz. and 45-oz. packaging to better align with equipment and practices.



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Group	22/28	Insecticide
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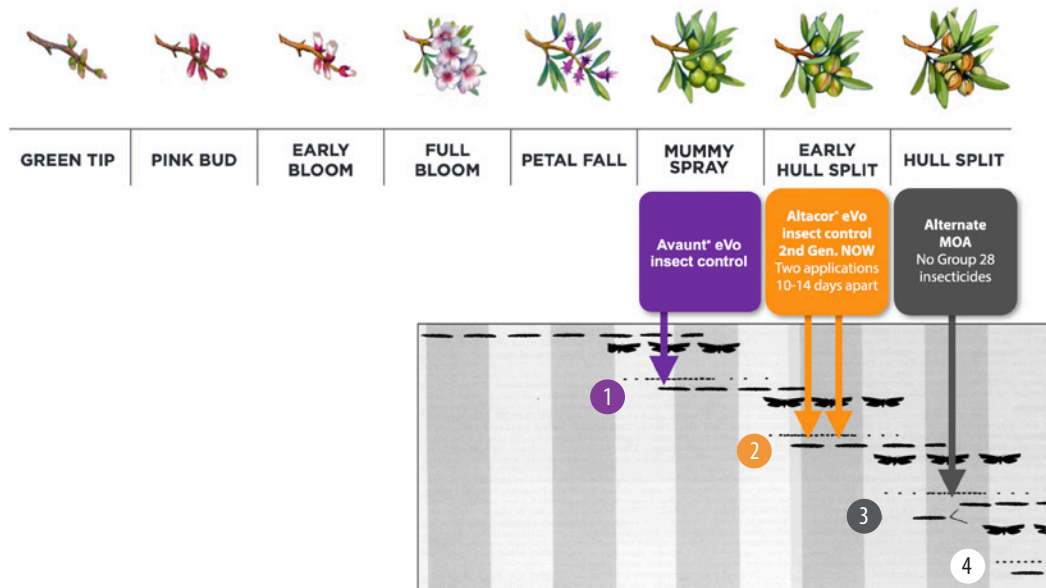
AVAUNT® EVO INSECT CONTROL APPLICATION GUIDELINES	
Max Application # Per Season	No more than three applications
Ounces Per Acre	4.0-6.0
lbs. ai/A	0.075-0.11
GPA	Thorough coverage is essential to achieve best results Ground 50-150 GPA, dilute not to exceed 200 GPA; Air 10 GPA minimum
Minimum Interval Between Treatments	7 days
PHI	5 days
Application Timing	Late dormancy up to May 15*

ALTACOR® EVO INSECT CONTROL APPLICATION GUIDELINES	
Max Application # Per Season	No more than four applications
Ounces Per Acre	1.5-2.2
lbs. ai/A	0.066-0.098
GPA	Thorough coverage is essential to achieve best results Ground 50-150 GPA, dilute not to exceed 200 GPA; Air 10 GPA minimum
Minimum Interval Between Treatments	7 days
PHI	10 days
Application Timing	First application at 1% hull split and second within 10-14 days after

- Avoid using the same mode of action (same IRAC group number) on consecutive generations of insect pests.
- Make no more than two successive applications of Altacor insect control within a 30-day period to the same pest on a crop.
- Rotate with other effective insecticides with different MOA (modes of action) for at least 30 days before using Altacor insect control.

BEST AGRONOMIC PRACTICES TO MANAGE NOW, LFPB AND GSB

START SMART WITH A GREAT MUMMY SPRAY CHOICE OF AVAUNT® EVO INSECT CONTROL.
FOLLOW UP SMARTER AT 1-5% HULL SPLIT USING ALTACOR EVO INSECT CONTROL BACK TO BACK WITHIN 10-14 DAYS.



¹ Significant ovicidal activity is not

Activity is maximized when eggs are laid onto treated surfaces.

² Disruption of adult insect behaviors in some pest species e.g. CM, OFM such as mate finding, mating, oviposition, feeding, locomotion and orientation.

³ Adult mortality is species, application rate, exposure level, and time dependent for NOW based on lab and field studies.

* Do not apply Avaunt eVo insect control later than May 15 due to MRLs constrain with EU. It is the grower and processor's responsibility to check for residue before shipping overseas.** 2ee use recommendations.