

Altacor[®] Insect Control Powered By Rynaxypyr[®]



CALIFORNIA AND ARIZONA

Realize reliable and consistent control of key pests in tree nuts

ALMOND, PISTACHIO, WALNUT, PECAN AND FILBERTS (TREE NUT CROP GROUP) RECOMMENDATIONS

Altacor[®] insect control is a breakthrough mode of action insecticide that delivers remarkable protection. When used early in the pest life cycle, Altacor[®] insect control prevents the buildup of pest populations, which helps maximize your yield potential.

Key benefits of Altacor insect control

- Breakthrough mode of action (Group 28 insecticide)
- Based on its excellent environmental profile, the use of Altacor insect control on tree nuts has been registered by EPA under its Reduced Risk Program
- Exceptional and long-lasting control of key lepidopteran pests such as:
 - Codling moths (CM)
 - Oriental fruit moths (OFM)
 - Navel orangeworms (NOW)
 - Peach twig borers (PTB)
 - Obliquebanded leafrollers (OBLR)
- Excellent crop protection — insects stop feeding in minutes

- Flexibility in application timing. Foliar applications give control through:
 - Ingestion
 - Contact
 - Ovicidal activity¹ on specific species (e.g., CM, NOW)
 - Ovi-larvicidal and larvicidal activity on all registered Lepidoptera species
 - Adult activity^{2,3}
- Shortest re-entry interval available — Four hours
- Short 10-day preharvest interval
- Little to no impact on predators, parasitoids and pollinators.⁴
- No mite or aphid flaring
- Excellent fit with IPM programs
- Excellent spray-tank stability under a wide range of pH 1–9
- Application rate is 3.0–4.5 oz./A of product for most pests
- Registered for ground and air applications

¹ Significant ovicidal activity is observed at varying levels depending on pest species.

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).

⁴ In line with Integrated Pest Management and Good Agricultural Practices, insecticide applications should be made when pollinators are not foraging to avoid unnecessary exposure.



Altacor® insect control

Active ingredient name: *Rynaxypyr*®

Chemical class: IRAC Group 28, *anthranilic diamide*

PHI: 10 days

REI: Four hours

No label signal word

Formulation: 35 percent water dispersible granule

For best results on registered tree nut crops

Use the higher application rate for heavy pest pressure, large trees or dense canopy and foliage. In some situations where coverage is difficult to achieve, the addition of a high-quality adjuvant may improve performance. For best results, make applications at 100–150 GPA.



Codling moth



Obliquebanded leafroller
Photo by Jack Kelly Clark



Peach twig borer



Navel orangeworm
Photo by Jack Kelly Clark



Oriental fruit moth

Altacor® insect control tree nut insecticide crop timing recommendations:

| Crop timing | Crop and pest | Product recommendations |
|-----------------------------|--|--|
| Dormant and delayed dormant | Almonds — Peach twig borer | Apply Altacor insect control at 3–4.5 oz. product/A alone or in combination for peach twig borers and obliquebanded leafrollers. Use appropriate EPA-registered dormant oil for overwintering generation of peach twig borers. The high rate is recommended for applications made at early- to mid-dormant timing. |
| Early bloom | Almonds — Peach twig borer. | Apply Altacor insect control at 3–4.5 oz. product/A. |
| May spray | Almonds and pistachios — Peach twig borer, navel orangeworm, Oriental fruit moth | Apply Altacor insect control at 3–4.5 oz. product/A (no mite flaring, strong residual). |
| Cover spray | Walnuts — Codling moth, navel orangeworm, Oriental fruit moth | Apply Altacor insect control at 3–4.5 oz. product/A. Make initial application at or before peak egg lay for targeted generation. Depending on level of infestation, make sequential applications 14–21 days later as needed. Use higher rate under high insect pressure. Thorough spray coverage is important to achieve best results. |
| Hull split | Almonds and pistachios — Navel orangeworm, peach twig borer, Oriental fruit moth, obliquebanded leafroller. | Apply Altacor insect control at 3.0–4.5 product/A. For NOW, begin applications at early hull-split (1–5%). Make a second application of Altacor insect control approximately 10–14 days later. Depending on the NOW pressure, use of higher rates in the label rate range and multiple applications may be needed. If more than two applications (sequential) of Altacor insect control are required at hull split for NOW, rotate to an effective non-Group 28 insecticide. |

Do not apply more than 9.0 oz. Altacor® insect control or 0.2 lb. active ingredient of chlorantraniliprole-containing products per acre per year. Make no more than 4 applications per season. Do not apply less than 30 GPA by ground. Minimum interval between applications is 7 days.

Please contact your local FMC sales representative for a recommended program for tree nut crops grown in your area and visit us at FMCCrop.com.

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