

Achieving Healthier Almond Yields With Rovral Liquid

Rovral[®] Liquid can play a key role in maximising almond yields and the quality of the crop by attacking the fungi that cause blossom blight and brown rot at every stage of their life cycle.

A broad spectrum fungicide, Rovral Liquid :

- provides contact and locally systemic action
- has a multi-site mode of action
- is an ideal choice for IPM programs
- controls spores, mycellum growth and spore production
- is an oil-based formulation for superior penetration and rainfastness

The Problems

Blossom blight and brown rot can be costly problems for Australian almond growers. The fungi that cause these diseases (*Monilinia spp.* and *Sclerotinia spp.*) overwinter in twig cankers, dead blossom parts and mummified fruit. In spring, the fungi produce spores that are then disseminated by the wind, infecting blossoms. High rainfall, high relative humidity and moderate temperatures favour the diseases, so dewy and misty mornings during the flowering period accelerate their onset.

Almonds from infected flowers will never make it to market, so effective control of these pathogens over the critical flowering period is essential.

The Solution

Rovral Liquid – which is primarily a protectant fungicide with penetrant properties – affects all phases of the development cycle of these fungi, including spore germination, mycelial growth and spore production.

As consumer demand for high quality almonds grows, Rovral Liquid provides – now more than ever – a very healthy return on investment.

Getting the Best out of Rovral Liquid

Spray Rates and Timing

Rovral Liquid should be applied over the flowering period at a rate of 100 mL/100 L water for dilute application. The rate per hectare will be dependent on tree size and boom coverage. Apply first at full bloom and, if conditions are favourable for disease development, up to two subsequent applications can be made at petal fall and up to four weeks after petal fall, as long as no more than two consecutive sprays of Rovral Liquid or other Group 2 (Dicarboximide) fungicides are made. Do not apply more than two Group 2 sprays in one season.

			ROVRAL			MANCOZEB		
Woolly Bud	Pink Bud	Early Blossom	Full Bloom	Petal Fall	Up to 4 Weeks After Petal Fall (Including Shuck Fall)	Mid-Season	Fruit Maturity	Harvest
Pre-Blossom			Blossom			Mid-Season	Fruit Maturity	Harvest

Water pH

The stability of many crop protection products can be affected by the pH of water added to make a spray solution. For Rovral Liquid, the optimum water pH is 5 to 7. Use a pH test kit to check your water, and add buffering agents to adjust its pH if necessary.

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