Control “Dead Arm” disease with

Sprayseal®

Active Constituent: 430g/L TEBUCONAZOLE

Registered for *Eutypa lata* dieback and *Botryosphaeria* dieback of grapevines.

Economic Spray On formulation

Sprayseal® is specifically formulated to provide excellent control *Eutypa lata* and *Botryosphaeria* in a convenient spray on formulation.

Local trials demonstrate Sprayseal delivers control in a convenient, efficient and labour saving package.

Grape stem showing Eutypa lata infection

◄ *Foliar symptoms of a Eutypa lata infection*

What is “Dead Arm” disease?

- *Eutypa lata* and *Botryosphaeria sp* can cause “dead arm disease”. They are destructive fungal diseases of grapevines.
- The fungus is more prevalent where rainfall is likely to exceed 600mm per annum.

Symptoms

- Disease spores invade the vine via pruning wounds and slowly colonise “woody” tissue.
- During this invasion, expect foliage to be starved of vital nutrients. Infected vines have a yellowed, stunted and distorted appearance due to various toxins produced by the fungus growing in healthy and brown-stained wood.
- As invasion of woody tissue progresses, foliar symptoms become even more severe. This leads to a decline in productivity and may ultimately cause vine death.

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Solution

- The convenient solution is Sprayseal.
- The superior formulation that leverages the reliability of tebuconazole fungicide.
- Sprayseal has been carefully formulated by world class chemists and in consultation with leading plant physiologists.
- Sprayseal contains adjuvants that leads to increased dispersal on the wound giving it superior efficacy.

Control of *Eutypa lata* on grapevine canes

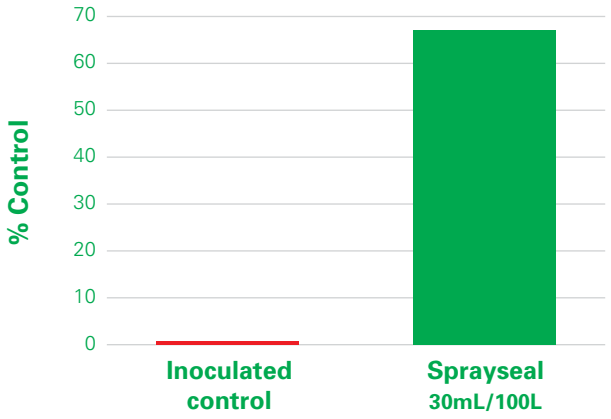

Table 1: Control of *Eutypa lata* grapevine canes treated with Sprayseal when inoculated on day of pruning and treatment.

Extracted from: Mark Sosnowski (SARDI), July 2014

Targeted spraying improves economics

For more information contact your Omnia Specialist Agronomist: www.omnia.com.au/agronomists

How to get the best of both worlds

- Treat all large pruning wounds >15mm cuts with a liberal coating of undiluted Greenseal® on the same day as wounds are made.
- Never leave pruning wounds unprotected overnight or in high humidity and wet weather.
- Immediately follow pruning with a spray application of Sprayseal within 6 days of pruning.

Pruning tips

- Use sharp, well maintained pruning equipment. Blunt loppers tend to squeeze tissues creating fissures which facilitate infection.
- Cut proud of the collar surrounding the base of the cane. This allows a donut-like callus which promotes rapid wound healing.
- Never leave stub wounds. These always dieback. No wound dressing will protect dying wood, enabling fungi to enter.
- Learn from last year. Look at last year's pruning wounds. If donut-like rings are present and the wounds have healed your pruning practice is correct.

Application

- Apply Sprayseal at the rate of 30mL/100L of water to all untreated pruning.
- Preferably, use a low drift nozzle set up and consider a recapture and recirculating sprayer.
- See Sprayseal label for full directions.

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