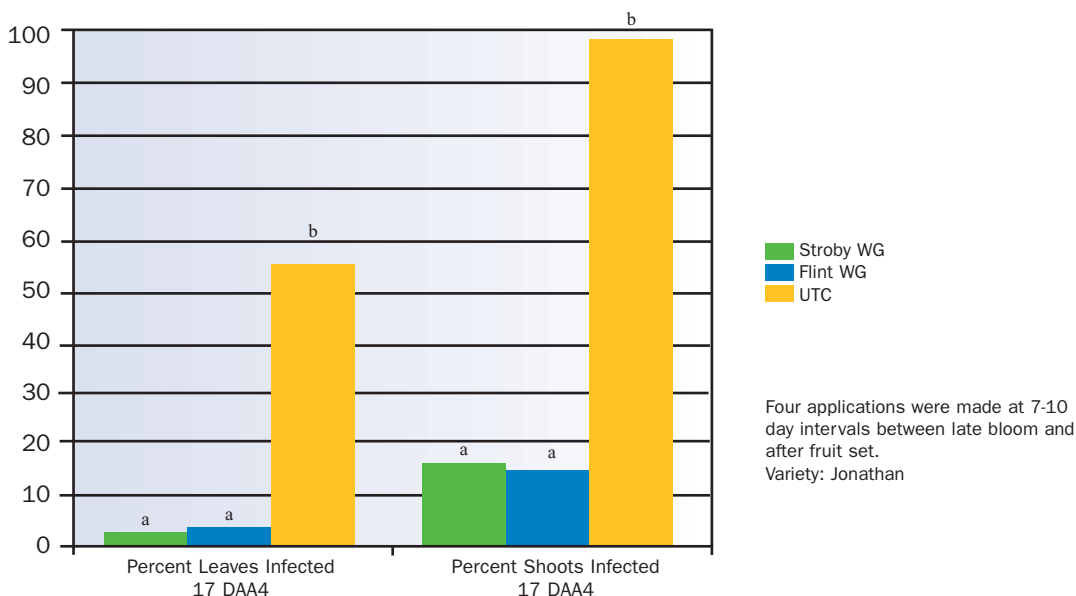


Stroby® WG Fungicide Superior Powdery Mildew Control in Apples

Recent results from a trial conducted by horticulture researcher, Stephen Tancred at Pozieres near Stanthorpe in Queensland has reinforced the value of Stroby WG for control powdery mildew in apples.

This trial was conducted during the 2005/06 season on Jonathan apple trees which had previously had moderate to heavy infection of powdery mildew (*Podosphaera leucotricha*). Four sprays of the treatments were applied at 7-10 day intervals commencing at late bloom, with the last spray applied at around 10 days after the completion of fruit set.

Pozieres, QLD – 2005/06 Powdery Mildew Control – Apples



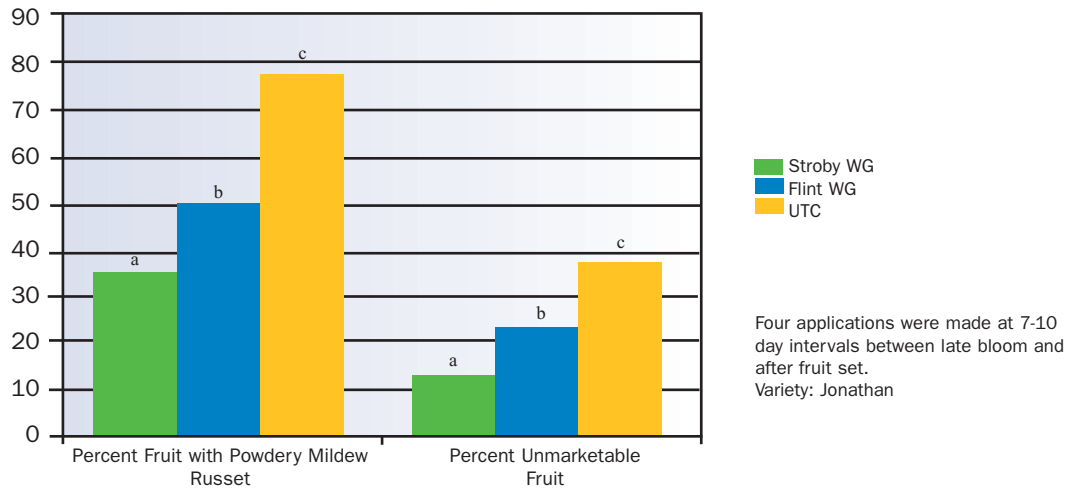
Source: S. Tancred Serve-Ag Research LSD (P=0.05) Columns with a common letter(s) are not significantly different.

Figure 1. Powdery mildew infection of apple leaves and shoots following 4 applications of fungicides.

These results show that Stroby WG and Flint WG provided similar control of a heavy infection of powdery mildew on apple leaves and shoots following 4 applications from late flowering to after fruit set.

The results of the late season assessment of powdery mildew russet on fruit and the percent of unmarketable fruit due to powdery mildew are shown in Figure 2 below.

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Source: S. Tancred Serve-Ag Research LSD (P=0.05) Columns with a common letter(s) are not significantly different.

Figure 2. The affect of fungicides on control of powdery mildew russet on fruit and percent unmarketable fruit.

Despite the similar control of leaf and shoot infection of Stroby WG and Flint WG, Stroby WG provided significantly better control of fruit russetting from powdery mildew as well as less unmarketable fruit than Flint WG.

CONCLUSIONS

These results confirm that Stroby WG will provide very good control of powdery mildew even under very heavy infection pressure which is at least as good as other leading products in the market. In addition to this, Stroby WG has the following features and benefits

- **Excellent Group K Mode of action**
 - Controls black spot by the prevention of spore germination and sporulation.
 - Controls powdery mildew through the prevention of spore germination and penetration into the leaf surface.
 - Alternative to DMI's for use in fungicide resistance management.
- **Protects Leaves and Fruit**
 - Provides equivalent control of black spot on both leaves and fruit.
- **Flexible Application**
 - Can be applied at anytime throughout the season, within resistance management guidelines (Maximum of 3 sprays).
- **Low Hazard to Beneficials**
 - Recommended for use within IPM programs. Safe to beneficial insects and mites including bees and the predatory mites *Galendromus occidentalis* (formerly *Typhlodromus occidentalis*) and *Typhlodromus pyri*
 - Non toxic to earthworms.
- **Broad Registration in Pomefruit**
 - Is registered for black spot in apples and pears as well as powdery mildew in apples.
- **Highly Rainfast**
 - Rainfast once dry on the plant surface as it adheres (adsorbs) into the waxy cuticle where it is relatively impervious to rainfall.
- **Excellent Fruit Finish**
 - Does not cause russetting and minimises risk of skin damage when used as directed.
- **Relatively Short Withholding Period**
 - Withholding period of 6 weeks.

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