

GIB-47

QUICK START FACT SHEET

APPLES



ACTIVE INGREDIENTS

- ➔ Contains 10g/litre Gibberellin A4 and A7 in the form of a soluble concentrate.

KEY POINTS

- ➔ Gib-47 is a natural plant growth regulator that improves fruit quality by reducing the incidence of russet and improving skin finish.
- ➔ GIB-47 acts by increasing elasticity and production of the outer epidermal cells. Russetting in apples is associated with skin damage due to prolonged wetness, low temperatures or imbalances in skin growth during the early season.

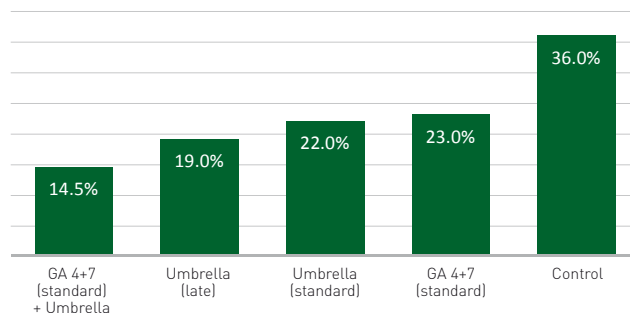
RATES / APPLICATION

- ➔ **Recommended Rate:** 50-100ml/100L water
- ➔ **Timing:** Commence first application at tight cluster and in advance of poor weather conditions. Make three-five further applications at 7 day intervals. Use the higher rate and greater numbers of applications where the risk of russet is increased.
- ➔ **Water Rate:** Ensure water rates are sufficient to thoroughly cover the target, but avoid excess run-off and drip points.
- ➔ Apply with a well setup sprayer that ensures uniform and complete coverage.
- ➔ Best applied alone.
- ➔ Rainfast in 2 hours – however rainfall within 6 hours may reduce the activity.
- ➔ Activity is enhanced when applied in slow drying conditions (early morning) followed by warm weather (<20 c) on the day of application and the days after.

RATES / APPLICATION cont.

- ➔ Use **SprayAid** (non-ionic spreader/activator) at 100ml/100L water. Spray Aid is a water soluble, non-ionic spreader/activator for use in improving the effectiveness of foliar applied plant growth regulators such as Gib-47. SprayAid is recommended with all applications to enhance coverage, and most importantly improve absorption.
- ➔ Use **Umbrella** (a Terpene resin) at 120ml/100L water. Recent independent trials have demonstrated the benefit of adding a Terpene resin e.g. Umbrella to this mix. See graph (below) The Umbrella forms a rain fast film which resists weathering to provide additional russet protection.

Wai-West - % of fruit with russet



- ➔ In situations where acidification is required, use a non-ionic buffering agent (**Buff-it**) at 50ml/100L water to adjust the pH to the desired range for Plant Growth Regulators of 5.0-6.0.

