



## PLANT GROWTH REGULATOR



## GIB-47™

Gib-47™ is a natural plant growth regulator that improves fruit quality by reducing the incidence of russet and improving skin finish.

### GIB-47

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 AND 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 runoff 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.



### Active Ingredients

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

### Crops

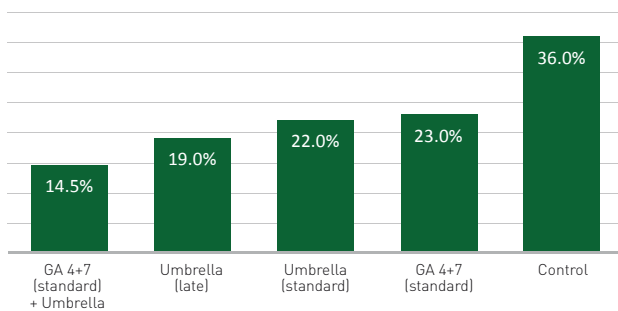
Apples



# GIB-47

- 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. Spray Aid is recommended with all applications to enhance coverage, and most importantly improve absorption.
- Alternatively to Spray Aid, use Umbrella (a Terpene resin) at 120ml/100L water. Independent trials have demonstrated the benefit of adding a Terpene resin e.g. Umbrella to this mix. See graph. The Umbrella forms a rain fast film which resists weathering to provide additional russet protection.

## 2014 Wai-West -% of fruit with russet



- In situations where Gib-47 is applied alone (not with cover sprays), use a non-ionic buffering agent (Lok-It) at 50ml/100L water to adjust the pH to the desired range for Plant Growth Regulators of 5.0-6.0.

For more information on Gib-47 contact your local Grochem Commercial Manager or visit [grochem.com](http://grochem.com).



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