

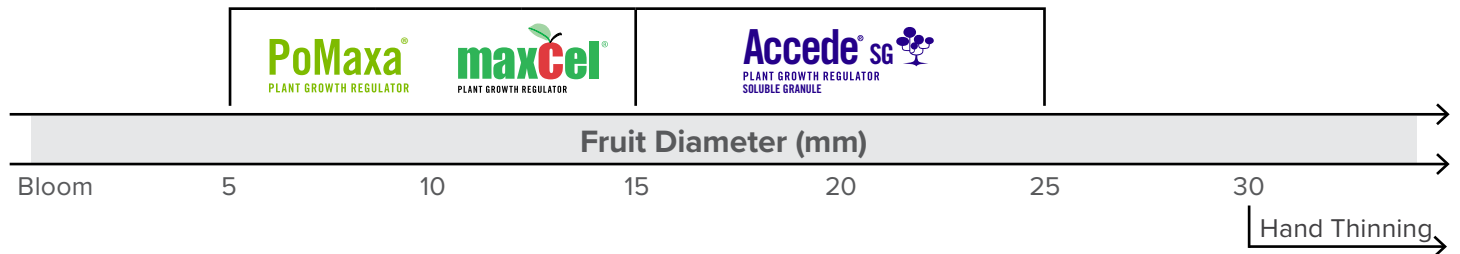
## MaxCel<sup>®</sup> Plant Growth Regulator—Bigger Fruit for Bigger Profits

MaxCel<sup>®</sup> Plant Growth Regulator Solution is a proven fruit thinning agent which increases fruit size and helps improve return bloom. It helps fruit reach its full potential—even difficult-to-size varieties such as Gala, Fuji and Empire apples. Due to its growth promoting action, *MaxCel* stimulates cell division and increases fruit size beyond the direct thinning effect, providing greater packout and fewer undersized fruit than traditional thinners. The state-of-the-art formulation of *MaxCel* includes a built-in surfactant, which provides excellent product uptake.

- ▶ Increases fruit size leading to better packout
- ▶ Reduces hand thinning costs
- ▶ Improves return bloom and reduces biennial bearing
- ▶ Ideal for both fresh market and processing operations

### Apple Thinning Program

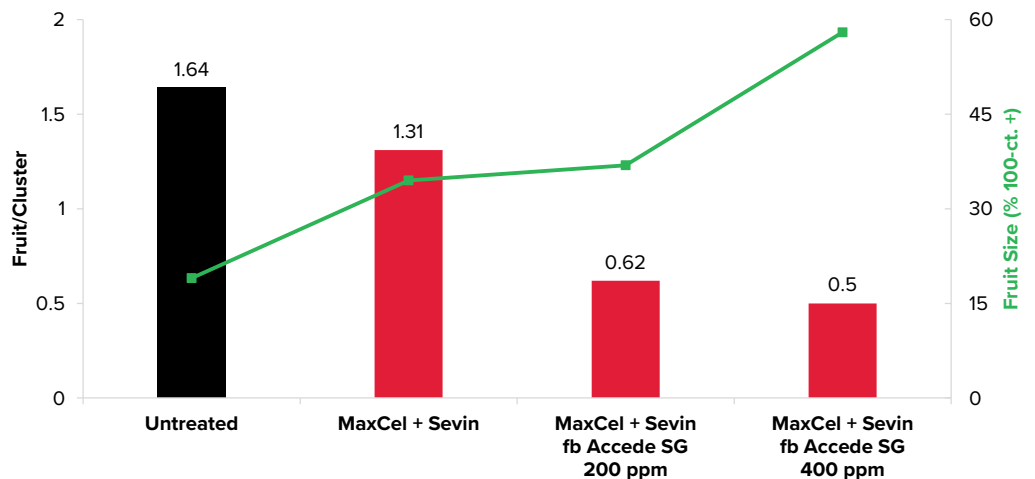
*MaxCel* and/or *PoMaxa*<sup>®</sup> Plant Growth Regulator can be used as part of an apple thinning program with *Accede*<sup>®</sup> SG Plant Growth Regulator Soluble Granule as an effective tool for late thinning.



### Maximize Apple Thinning Programs with *MaxCel* and *Accede* SG

Maximize your apple thinning program with *MaxCel* + *Sevin*<sup>®</sup> applied at 10 mm followed by (fb) *Accede* SG applied at 20 mm.

*MaxCel* Rate: 75 ppm  
Apple Variety: Gala  
Location: Monitor, WA  
Source: Valent U.S.A.



## How To Use

<b>Rate</b>	48–128 fl oz/100 gallons of spray solution (corresponds to 75–200 ppm concentration)
<b>Timing</b>	Apply when the average diameter of king fruitlets is between 5–15 mm, 10 mm is optimal. Do not apply more than twice in a season.
<b>Method</b>	Air blast sprayer
<b>Spray Volume</b>	Use sufficient volume to ensure complete tree coverage
<b>REI</b>	12 hours
<b>PHI</b>	86 days

## Other Important Information

- ▶ For best results, apply in the morning or evening when conditions are best for slow drying (cooler temperatures and higher humidity), in order to ensure adequate absorption of the product. If applied in the morning, assure that the leaves are not too wet from dew.
- ▶ Direct 80% of the spray into the upper two-thirds of the tree canopy
- ▶ Applications will be most effective when the maximum temperature is above 65° F on the day of application and for the following 2–3 days
- ▶ Use higher rates in orchards that have a history of being difficult to thin, in varieties known to be difficult to thin and in cool weather situations
- ▶ Apply in a sufficient amount of water to ensure thorough coverage without excessive runoff. Use calibrated spray equipment (such as an airblast sprayer) to ensure uniform coverage of leaves and fruit. Adjust water volumes based on tree size and spacing. In many cases, spray volumes of approximately 100 gallons per acre have been shown to be adequate.
- ▶ Do not exceed a total of 310 fl oz/A per season
- ▶ NOTE: Generally, only one application is sufficient for fruit thinning. If a second application is desired to obtain additional thinning:
  1. Allow 7–10 days to observe the effect of the first application
  2. Spray the second application before the average diameter of king fruitlets exceeds 20 mm

