

Promalin® PGR improves size and fruit shape (typiness) of many apple varieties by elongating fruit and giving them more pronounced calyx lobes.

Promalin® PGR

Benefits

- Increases fruit size and shape
- Delivers consistent results
- Provides an excellent return on investment
- Does not require an adjuvant

Registered crops

- Apple
- Cherries
- Pear

General usage information

- Adequate spray volume is required for thorough coverage (1,000 L/ha or 400 L/ac.)
- Thorough crop coverage is required for desired results
- Do not apply when temperatures are below freezing
- The pH should be neutral and not exceed 8.5
- Promalin should be applied alone
- Applications should be made during slow drying conditions to maximize absorption



Technical information

CHEMICAL CLASS

- > Plant Growth Regulator

ACTIVE INGREDIENTS

- > 6-Benzyladenine (6-BA) 1.8%
- > Gibberellins (GA4+7) 1.8%

PACKAGING

- > 10 x 500 mL case

RAINFAST

- > 6 hours

PCP

- > 16636

Specific crop usage information

OBJECTIVE RATE PHI APPLICATION INFORMATION

APPLE

Improve typiness Single application	1.2-2.3 L/ha (0.5-0.9 L/ac.)	28	Apply at early king bloom to early stages of petal fall (optimal timing is 80% king bloom)
Improve typiness Two applications	0.6-1.2 L/ha (0.2-0.5 L/ac.)		Make first application at early king bloom and the second 3-21 days later, when the remainder of the canopy comes into bloom
Reduce russet	250-500 mL/ha (100-200 mL/ac.)		Make a maximum of 4 applications starting between the bloom and petal fall (closer to petal fall is ideal) Follow up with sequential applications on a 7-12 day interval Earlier applications, shorter intervals and higher rates are recommended when conditions are long cold and wet
Increase fruit set after a frost	1.2-2.3 L/ha (0.5-0.9 L/ac.)		Apply within 24 hours after a frost event when the crop is between early bloom and full bloom Allow trees to thaw before making application The trees MUST be in the bloom stage for this treatment to be effective
Branching – foliar application (nursery and orchard)	125-500 ppm (62.5-250 mL Promalin per 10 L of spray solution)		For orchard trees, apply at 1-3 in. of new terminal growth For nursery stock, treat after trees have reached a terminal height at which lateral branching is desired
Branching – latex application (nursery and orchard)	100-165.6 mL Promalin per 500 mL latex paint		Apply in the spring when terminal buds begin to swell but before shoots emerge

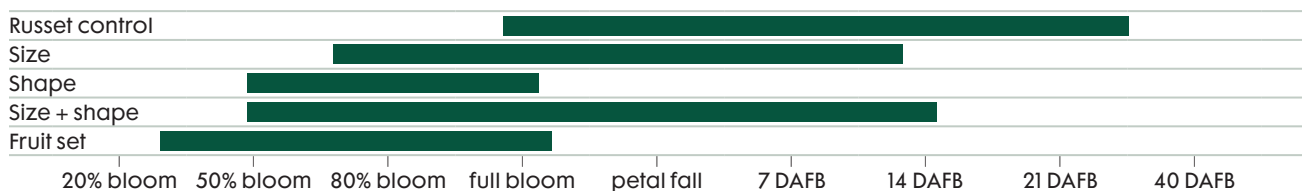
PEAR (non-bearing)

Increase fruit set	250 mL/ha (100 mL/ac.)	28	Make first application at 10-30% open flowers on the old wood Make second application between full bloom and petal fall
Branching – foliar application (nursery and orchard)	250-1,000 ppm (125-500 mL Promalin per 10 L of spray solution)		For orchard trees, apply at 1-3 in. of new terminal growth For nursery stock, treat after trees have reached a terminal height at which lateral branching is desired

SWEET CHERRIES (non-bearing)

Branching – foliar application (nursery only)	250-1,000 ppm (125-500 mL Promalin per 10 L of spray solution)	28	Treat after trees have reached a terminal height at which lateral branching is desired
Branching – latex application (orchard only)	100-165.6 mL Promalin per 500 mL latex paint		Apply in the spring when terminal buds begin to swell but before shoots emerge

OPTIMUM TIMINGS FOR PROMALIN APPLICATIONS



Note: DAFB = days after full bloom; Optimum timings based on 20 years of trials and commercial experience

OBJECTIVE APPLICATION INFORMATION

USE MAXCEL AND PROMALIN COMBINED (for an optimal thinning, sizing and fruit finish program)

Typy and well sized apples	Follow the Promalin recommendations above for improved typiness Apply the MaxCel treatment at 10-12 mm fruit size at 3.75-6.25 L/ha (1.5-2.5 L/ac.), depending on the variety
Well sized fruit with reduced russet	Follow the recommendations above for russet control Apply the MaxCel treatment at 8-12 mm fruit size at 3.75-6.25 L/ha (1.5-2.5 L/ac.), depending on the variety

The combination of these products in a program have proven to increase fruit quality and thus increasing overall packout
Do not use MaxCel and Promalin as a tank mix

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