

MaxCel® PGR delivers precision thinning, enhanced fruit size and return bloom for top quality apples.

MaxCel® PGR

Benefits

- Reduces hand thinning costs
- Promotes cell division and fruit growth beyond the thinning effect producing larger apples
- Improves return bloom
- Improves packout and marketable yield
- Does not stress the tree or cause stunting of fruit, even with multiple year use

Registered crops

- Apple
- Pear

General usage information

- Maximum rate of 22.5 L/ha (9.1 L/ac.) per season
- Adequate spray volume is required for thorough coverage (1,000 L/ha or 400 L/ac.)
- The optimum thinning application timing is between 8-14 mm fruit size
- The pH should be as close to neutral as possible and not exceed pH 8.5
- Allow 7-10 days to observe the effects of application
- For more information on use pattern information or rates based on ppm please refer to the MaxCel label or contact the Nufarm Horticulture Specialist



Technical information

CHEMICAL CLASS

> Plant Growth Regulator

ACTIVE INGREDIENTS

> 6-Benzyladenine (6-BA) 1.9%

PACKAGING

> 10 x 1 L case

> 2 x 5 L case

RAINFAST

> 6 hours

PCP

> 28851

Specific crop usage information

OBJECTIVE RATE PHI APPLICATION INFORMATION

APPLE

Size enhancement Enhanced return bloom	2.5 L/ha (1 L/ac.) 50 ppm	86	Make 2-4 applications starting at petal fall (3-10 day intervals) This rate is used for sizing (little to no thinning should occur at this rate)
Use for moderate thinning on easier to thin varieties such as McIntosh	3.75 L/ha (1.5 L/ac.) 75 ppm		Ideal thinning window is between 5-15 mm. MaxCel can be used at any time during this window.
Ideal rate for most thinning used on varieties such as Gala and Empire	5 L/ha (2 L/ac.) 100 ppm		The optimum timing for MaxCel to be used is at the 8-14 mm range
Use on hard to thin varieties (Fuji and Golden Delicious) or for a more aggressive thinning effect on varieties such as Gala	6.25 L/ha (2.5 L/ac.) 125 ppm		Apply MaxCel at the beginning of a warming trend when temperatures the few days following application are expected to be above 18°C
Use in orchards with hard to thin varieties or in orchards with a history of difficulty thinning	7.5-10 L/ha (3-4 L/ac.) 150-200 ppm		Increased thinning will occur when conditions are cloudy and warm

PEAR

Size enhancement	2.5-5 L/ha (1-2 L/ac.) 50-100 ppm	86	Use this rate for sizing pears (little to no thinning should occur at this rate)
Thinning Enhanced return bloom	6.25-10 L/ha (2.5-4 L/ac.) 125-200 ppm		The optimum timing for MaxCel to be used is at the 8-14 mm range

All rates in the table above are based on a water volume of 1,000 L/ha (400 L/ac.).
Please refer to chart for ppm information.

COMPATIBILITY

MaxCel is compatible with some thinners and pesticides including formulations of SEVIN® and NAA. If compatibility of MaxCel with another product and the resulting plant response is unknown, it should be tested on a small scale. Do not apply tank-mix combinations unless your previous experience indicates the mixture is effective and will not result in application difficulties or result in plant injury. Please consult with a Nufarm Horticulture Specialist if you have questions on mixing MaxCel with other products.

If tank mixing with NAA, DO NOT use on Fuji, Mutsu, Golden Delicious or Red Delicious – please consult the Horticulture Specialist at Nufarm if you are new to this tank-mix combination for more details on using MaxCel combined with NAA and concerns about pygmy fruit.

VOLUME OF MAXCEL PGR PER VOLUME OF SPRAY REQUIRED TO OBTAIN GIVEN PPM CONCENTRATIONS

SOLUTION VOLUME

CONCENTRATION

Litres (L)	10 ppm	25 ppm	50 ppm	75 ppm	100 ppm	125 ppm	150 ppm	175 ppm	200 ppm
380	190 mL	475 mL	950 mL	1.42 L	1.9 L*	2.38 L	2.85 L	3.33 L	3.8 L
1,000	470 mL	1.25 L	2.5 L	3.75 L	5 L	6.25 L	7.50 L	8.75 L	10 L

*For a 100 ppm solution applied to 0.4 ha (1 ac.)



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