

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 water spray solution pH should be as close to neutral as possible, and should 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, Red Delicious or varieties known to throw pygmy fruit – 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								
	10 ppm	25 ppm	50 ppm	75 ppm	100 ppm	125 ppm	150 ppm	175 ppm	200 ppm
Litres (L)									
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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Always read and follow the product label for more detailed information on control of weeds, insects or disease, application directions, and use precautions.  
Please refer to label for more information including future label expansions that may include new crops, pests and use patterns.  
Please refer to product label for re-entry periods.

Always read and follow label directions.

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