### MaxCel Dilution Table

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Application Rate: MaxCel</th>
<th>Application Rate: MaxCel (pint/dip tank)</th>
<th>Application Rate: MaxCel (pint/dip tank)</th>
<th>Application Method and Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 ppm</td>
<td>140</td>
<td>0.04%</td>
<td>0.02%</td>
<td>Apply split to 140 gal of water, or 40 gal of water, or 10 gal of water.</td>
</tr>
<tr>
<td>150 ppm</td>
<td>140</td>
<td>0.25%</td>
<td>0.13%</td>
<td>Make the mix the 1:4:2 (40 - 20% of water) of water.</td>
</tr>
<tr>
<td>100 ppm</td>
<td>140</td>
<td>0.5%</td>
<td>0.25%</td>
<td>Make the mix the 1:4:2 (40 - 20% of water) of water.</td>
</tr>
<tr>
<td>50 ppm</td>
<td>140</td>
<td>1%</td>
<td>0.5%</td>
<td>Make the mix the 1:4:2 (40 - 20% of water) of water.</td>
</tr>
<tr>
<td>64 ppm</td>
<td>140</td>
<td>1.25%</td>
<td>0.62%</td>
<td>Make the mix the 1:4:2 (40 - 20% of water) of water.</td>
</tr>
</tbody>
</table>

- **Additional Instructions:**
  - Apply in a single load with little or no rolling drag. Rain or dew at the rate of 0.25 - 0.5 in. for each application and 0.75 in. for each dip tank application. When applying MaxCel, do not overrun the leaves or apply it in periods of dry weather or when temperatures are 90° F or more. Do not apply within 60 days of harvest. 
  - Do not exceed 50 fluid ounces per acre per application. Do not apply within 60 days of harvest. 
  - Do not apply within 60 days of harvest. 
  - Do not use on trees with fruit intended for harvest.
MaxCel
Plant Growth Regulator

KEEP OUT OF REACH OF CHILDREN CONFIDENCE

FIRST AID
• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.

PRODUCT ACRE
• Application Rate

APPLICATION INSTRUCTIONS
• Chemical-resistant gloves (such as barrier laminate; butyl, nitrile or neoprene rubber; polyvinyl chloride or viton)

General Informatio

• Follow manufacturer’s instructions for cleaning/neutralizing PPE. If no such instructions for washables, use detergent and hot water. Rinse work PPE separately from other laundry.

User Safety Recommendations

• Long-sleeved shirt and long pants

Agricultural Use Requirements

• For apple and pear uses: Chemical resistant gloves (such as barrier laminate, butyl or neoprene rubber) are recommended. Wash the outside of gloves before removing, as the inner portion, wash thoroughly and change cleaning solution.

CAUTION

• Do not apply this product through any type of irrigation system. The spray droplets and/or solution may be carried in spray equipment by wind to areas other than those intended for use, causing injury to plants, people, and other animals. Applicators and other handlers for applications that involve contact with anything that has been treated, such as plants, soil, or water, such as plants, soil, or water, and the following 2 - 3 days.

Note:

• Use higher rates in orchards that have a history of being difficult to thin, in varieties known to be difficult to thin, and to control fruit crumble.

• The second 2 - 3 days after application are best for obtaining additional thinning.

• Direct 80% of the spray into the upper 2/3rds of the tree canopy.

• Do not apply within 86 days of harvest.

• Do not apply more than one 258 fluid ounce container (150 grams of EBA) per acre per season, for all uses, when the average fruit size is smaller than 10 mm diameter of king fruitlets is 10 mm in diameter, or after the return bloom.

Apple

• Apply 75 - 200 ppm (10 - 25 mg/L) as a single application. (Refer to the Foliar application chart for assistance.)

Apple and Pear

• Apply MaxCel at 0.5 - 2.0% (60 - 120 mg/L) of total of 308 fluid ounces of spray solution (182 grams of EBA) per acre per season.

Applicators and other handlers for products must wear:

• Long-sleeved shirt and long pants

• Gloves plus suit

• Follow manufacturer’s instructions for cleaning/neutralizing PPE. If no such instructions for washables, use detergent and hot water. Rinse work PPE separately from other laundry.

Users should:

• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Agricultural Use Requirements

• Use MaxCel only as directed.

IMPORTANT: Before application, read all directions thoroughly. MaxCel can only be used as directed. MaxCel contains 1.3% (w/w) Thifensulfuron (SMA). SMA is a post-emergent selective herbicide, and the group of postemergent herbicides known as cyloheximide.

 Consult your local Agricultural Specialist (1-800-6-VALENT) for specific information regarding the use of this product in your particular orchard(s).

Additional Inclusions:

• Direct 80% of the spray into the upper 2/3rds of the tree canopy.

• Applications will be most effective when the maximum temperature is above 65º F on the day of application, and the foliar condition of the leaves is in good condition and the following 2 - 3 days.

• Do not apply this product through any type of irrigation system. The spray droplets and/or solution may be carried in spray equipment by wind to areas other than those intended for use, causing injury to plants, people, and other animals.

• Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

• No surfactant is required.

• Product performs best at water pH between 5 - 7; do not exceed pH of 8.5.

• To minimize foaming of spray solution, reduce agitation and add the product to the tank after filling to 1/2 capacity with water.

• Apply in a sufficient amount of water to ensure thorough coverage without excessive run-off. Use calibrated sprayer equipment, match the pressure to the volume and the tree canopy.

• Do not apply this product through any type of irrigation system.

• Do not apply within 86 days of harvest.

• Do not apply more than 5 - 10 mm. Do not apply more than one 258 fluid ounce container (150 grams of EBA) per acre per season.

• Do not apply within 86 days of harvest.

• Do not apply more than one 258 fluid ounce container (150 grams of EBA) per acre per season.

• High mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

• Do not apply this product to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

• Do not apply more than one 258 fluid ounce container (150 grams of EBA) per acre per season.

• Apply MaxCel at 0.5 - 2.0% (60 - 120 mg/L) of total of 308 fluid ounces of spray solution (182 grams of EBA) per acre per season.

• Apply 75 - 200 ppm (10 - 25 mg/L) as a single application. (Refer to the Foliar application chart for assistance.)

• Apply 75 - 200 ppm (10 - 25 mg/L) as a single application. (Refer to the Foliar application chart for assistance.)

• Apply MaxCel at 0.5 - 2.0% (60 - 120 mg/L) of total of 308 fluid ounces of spray solution (182 grams of EBA) per acre per season.

• Apply 75 - 200 ppm (10 - 25 mg/L) as a single application. (Refer to the Foliar application chart for assistance.)
APPLICATION INSTRUCTIONS

GENERAL INFORMATION

The information included in this label is the most current and accurate at the time of publication. MaxCel contains 1.9% (w/w) 6-benzyladenine (6BA). 6BA is a potent plant growth regulator belonging to the group of growth regulators known as cytokinins.

MaxCel is a Plant Growth Regulator.

For fruit thinning, apply 10 - 50 ppm PET (petal fall to petal fall + 2 weeks) 6BA. For enhancement of size and spacing, apply 75 - 200 ppm 6BA. For fruit thinning, apply 50 - 100 ppm 6BA. For additional instructions, refer to the dilution table for assistance.

IMPORTANT: Before application, read all directions carefully. Do not apply unless all directions are followed. MaxCel should only be used as directed on the label. MaxCel contains 1.9% (w/w) 6-benzyladene (6BA), which is a potent plant growth regulator belonging to the group of growth regulators known as cytokinins.

Your local agricultural extension service will evaluate the effects of this product. Information is available. Consult your local Valent Agricultural Specialist (1-800-6-VALENT), for specific information regarding the use of this product in your particular orchard(s).

APPLICATION INSTRUCTIONS

GENERAL

To apply this product through any type of irrigation system.

- Applications will be most effective when the maximum temperature is above 65º F on the day of application.
- For optimum results, avoid high winds, strong sun, or high wind with strong sun. Do not spray when dew is on the leaves.

APPLICATION REQUIREMENTS

- Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 190.144. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.
- User protection symptoms are: burning, itching, or redness of the eyes or face, burning or tearing of the eyes, swelling of the eyelids, or difficulty in closing the eyes;

AUGMENTAL USES

- Do not use 6BA on or near the upper 2/3rds of the tree canopy.
- Do not exceed 182 grams of 6BA per season for all uses.

APPLICATION METHOD

- Use sufficient volume to ensure complete tree coverage. Direct 80% of the spray into the upper 2/3rds of the tree canopy. The remaining 20% should be applied to the lower 1/3rds of the tree canopy.

USE Application Rate Product/Acre

APPLE

- Apply 75 - 200 ppm 6BA as a fine mist spray (refer to the dilution table for assistance). Apply 2 - 4 applications, starting at 10 - 20 ppm 6BA and increasing at 10 ppm 6BA per application. Do not exceed a total of 308 fluid ounces of product (182 grams of 6BA) per season for all uses.

APPLE AND PEAR

USE Application Rate Product/Acre

- Apply to thin clusters (for apple) and petal fall to petal fall + 2 weeks (for pear) (Refer to the dilution table for assistance). Do not apply this product within 86 days of harvest.

APPLICATION METHOD AND TIMING

- For enhancement of size and spacing, apply 75 - 200 ppm 6BA.
- Do not apply this product for thinning or enhancement of size and spacing within 10 days of harvest.
- Use sufficient volume to ensure complete tree coverage.
- Do not apply within 86 days of harvest.

NOTE: Generally, only one application is sufficient for fruit thinning. If a second application is needed, it should be applied following fruit size determination.

There may be a slight increase in fruit size and enhanced coloring. This use may cause fruit thinning in some easy to thin varieties, and/or under conditions favorable to thinning, and in cool weather situations.

Do not exceed a total of 308 fluid ounces of 6BA per season for all uses. Always avoid spraying when air temperature is above 85º F or when rain is expected within 6 hours of spraying.

Applications will be most effective when the maximum temperature is above 65º F on the day of application, and the following 2 - 3 days. When spraying near the water line, avoid spraying directly into the water, and to avoid exceeding the maximum temperature for 6BA. When spraying near the water line, avoid spraying directly into the water, and to avoid exceeding the maximum temperature for 6BA. Do not exceed a total of 308 fluid ounces of 6BA per season.
For Use on Apple, Pear, Pistachio and Non-Bearing Trees

ACTIVE INGREDIENT: 6-benzyladenine

TOTAL

List No. 11815-04-01

NOTE: Do not apply the MaxCel dilute solution to non-budding trees. After application, old leaves may be visible by the end of the season. Do not use on trees with fruit intended for harvest.

Additional Instructions:
• Do not use on trees with burls intended for harvest.
• Do not exceed 50 fluid ounces per acre per application.
• Do not apply more than 320 oz of MaxCel/latex paint mixture per application.
• Only one application per year pre-harvest interval.
• Do not apply MaxCel at the same time as mancozeb or other products containing sulfur.
• Do not apply MaxCel more than 60 days prior to harvest.
• Do not apply MaxCel in greater than 0.2 - 0.33 pint MaxCel per pint of latex paint.
• Do not apply MaxCel to non-bearing trees, to non-bearing nursery stock, for early cropping.
• Do not spray in an orchard.
• Keep out of reach of children.
• Use sufficient volume to ensure complete tree coverage.
• Do not dilute MaxCel beyond the rate specified in the application recommendations.
• Do not exceed 50 fluid ounces per acre per application.
• Do not apply MaxCel when there are less than 12.5 lbs nitrogen per acre at both spray timings.

Storage and Disposal:
Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage:
Store product in a cool and dry place.

For increased branching and young trees, to improve tree structure.
Don’t use on trees with fruit intended for harvest.

MaxCel Dilution Table

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Application Rate</th>
<th>Product Use</th>
<th>Application Method and Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ppm</td>
<td>16 fluid ounces</td>
<td>Liquid</td>
<td>Spray to obtain 10 ppm</td>
</tr>
<tr>
<td>6 ppm</td>
<td>25 ppm</td>
<td>Liquid</td>
<td>Spray to obtain 16 ppm</td>
</tr>
<tr>
<td>10 ppm</td>
<td>30 ppm</td>
<td>Liquid</td>
<td>Spray to obtain 20 ppm</td>
</tr>
<tr>
<td>15 ppm</td>
<td>35 ppm</td>
<td>Liquid</td>
<td>Spray to obtain 25 ppm</td>
</tr>
<tr>
<td>20 ppm</td>
<td>40 ppm</td>
<td>Liquid</td>
<td>Spray to obtain 30 ppm</td>
</tr>
<tr>
<td>25 ppm</td>
<td>45 ppm</td>
<td>Liquid</td>
<td>Spray to obtain 35 ppm</td>
</tr>
<tr>
<td>30 ppm</td>
<td>50 ppm</td>
<td>Liquid</td>
<td>Spray to obtain 40 ppm</td>
</tr>
<tr>
<td>35 ppm</td>
<td>55 ppm</td>
<td>Liquid</td>
<td>Spray to obtain 45 ppm</td>
</tr>
<tr>
<td>40 ppm</td>
<td>60 ppm</td>
<td>Liquid</td>
<td>Spray to obtain 50 ppm</td>
</tr>
</tbody>
</table>

Compatibility with Other Agricultural Products

Information on tank mixing can be obtained from ValentBioSciences.com.

MaxCel is contained in the following products:

• Do not use on trees with burls intended for harvest.
• Do not apply within 90 days of harvest.
• Do not exceed 50 fluid ounces per acre per application.
• Do not apply more than 320 oz of MaxCel/latex paint mixture per application.
• Use sufficient volume to ensure complete tree coverage.
• Do not mix tank with low biuret urea foliar nutritional spray at the rate of 6.25 - 12.5 lbs nitrogen per acre at both spray timings.
• Always make two applications of 250 - 500 ppm spray for assistance.

MaxCel can be applied in the following ways:

• Tank mixing with low biuret urea foliar nutritional spray at the rate of 6.25 - 12.5 lbs nitrogen per acre at both spray timings.
• Application as a tank mix with low biuret urea foliar nutritional spray at the rate of 6.25 - 12.5 lbs nitrogen per acre at both spray timings.

MaxCel is contained in the following products:

• Do not use on trees with burls intended for harvest.
• Do not exceed 50 fluid ounces per acre per application.
• Do not apply MaxCel when there are less than 12.5 lbs nitrogen per acre at both spray timings.
• Use sufficient volume to ensure complete tree coverage.
• Do not dilute MaxCel beyond the rate specified in the application recommendations.
• Do not apply MaxCel at the same time as mancozeb or other products containing sulfur.
• Do not apply MaxCel more than 60 days prior to harvest.

Storage and Disposal:
Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage:
Store product in a cool and dry place.

For increasing lateral growth, improve branch angles, and provide a thorough. Apply only to one-year-old wood.

Additional Instructions:
• Do not use on trees with burls intended for harvest.
• Do not exceed 50 fluid ounces per acre per application.
• Do not apply more than 320 oz of MaxCel/latex paint mixture per application.
• Use sufficient volume to ensure complete tree coverage.
• Do not mix tank with low biuret urea foliar nutritional spray at the rate of 6.25 - 12.5 lbs nitrogen per acre at both spray timings.
• Always make two applications of 250 - 500 ppm spray for assistance.

MaxCel can be applied in the following ways:

• Tank mixing with low biuret urea foliar nutritional spray at the rate of 6.25 - 12.5 lbs nitrogen per acre at both spray timings.
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MaxCel is contained in the following products:

• Do not use on trees with burls intended for harvest.
• Do not exceed 50 fluid ounces per acre per application.
• Do not apply MaxCel when there are less than 12.5 lbs nitrogen per acre at both spray timings.
• Use sufficient volume to ensure complete tree coverage.
• Do not dilute MaxCel beyond the rate specified in the application recommendations.
• Do not apply MaxCel at the same time as mancozeb or other products containing sulfur.
• Do not apply MaxCel more than 60 days prior to harvest.

Storage and Disposal:
Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage:
Store product in a cool and dry place.

Agriculture Use Requirements

MaxCel is a registered trademark of Valent BioSciences LLC.

Keep Out of Reach of Children

For Use on Apple, Pear, Pistachio and Non-Bearing Trees

ACTIVE INGREDIENT: 6-benzyladenine

TOTAL

List No. 11815-04-01

NOTE: Do not apply the MaxCel dilute solution to non-budding trees. After application, old leaves may be visible by the end of the season. Do not use on trees with fruit intended for harvest.

Additional Instructions:
• Do not use on trees with burls intended for harvest.
• Do not exceed 50 fluid ounces per acre per application.
• Do not apply more than 320 oz of MaxCel/latex paint mixture per application.
• Use sufficient volume to ensure complete tree coverage.
• Do not mix tank with low biuret urea foliar nutritional spray at the rate of 6.25 - 12.5 lbs nitrogen per acre at both spray timings.
• Always make two applications of 250 - 500 ppm spray for assistance.

MaxCel can be applied in the following ways:

• Tank mixing with low biuret urea foliar nutritional spray at the rate of 6.25 - 12.5 lbs nitrogen per acre at both spray timings.
• Application as a tank mix with low biuret urea foliar nutritional spray at the rate of 6.25 - 12.5 lbs nitrogen per acre at both spray timings.

MaxCel is contained in the following products:

• Do not use on trees with burls intended for harvest.
• Do not exceed 50 fluid ounces per acre per application.
• Do not apply MaxCel when there are less than 12.5 lbs nitrogen per acre at both spray timings.
• Use sufficient volume to ensure complete tree coverage.
• Do not dilute MaxCel beyond the rate specified in the application recommendations.
• Do not apply MaxCel at the same time as mancozeb or other products containing sulfur.
• Do not apply MaxCel more than 60 days prior to harvest.
maxCel®

Plant Growth Regulator Solution

For Use on Apple, Pear, Pistachio and Non-Bearing Trees

ACTIVE INGREDIENT:
6-benzyladenine ........................................ 1.9%

OTHER INGREDIENTS ...................................... 98.1%

TOTAL ................................................... 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

For MEDICAL and TRANSPORT Emergencies ONLY Call 24 Hours A Day 1-800-892-0099.
For All Other Information Call 1-800-6-VALENT (682-5368).

See succeeding panel for First Aid, additional Precautionary Statements, Directions for Use and Storage/Disposal Statements.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to attached booklet under “Agricultural Use Requirements” in the Directions for Use section for information about this standard.

Registrant:

Valent BioSciences LLC
870 Technology Way
Libertyville, IL 60048   U.S.A.
1-800-6-VALENT (682-5368)

EPA Reg. No. 73049-407
EPA Est. No. 33762-IA-001

List No. 11815-04-01

Net Contents: 1 Gallon

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