CPPUTM
Plant Growth Regulator

ACTIVE INGREDIENT  BY WEIGHT
Forchlorfenuron..........................  00.80%
OTHER INGREDIENTS.....................  99.20%
TOTAL......................................  100.00%

This package contains 8 grams active ingredient.

EPA REG. NO.  71049-4                EPA EST. NO.  48498-CA-001

MANUFACTURED for:
KIM-C1, LLC
2547 West Shaw Avenue, #116
Fresno, CA  93711

KEEP OUT OF REACH OF CHILDREN

CAUTION

Net Contents: One Quart  (8 grams active ingredient)

<table>
<thead>
<tr>
<th>FIRST AID</th>
</tr>
</thead>
<tbody>
<tr>
<td>If in eyes:</td>
</tr>
<tr>
<td>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</td>
</tr>
<tr>
<td>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</td>
</tr>
<tr>
<td>• Call a poison control center or doctor for treatment advice.</td>
</tr>
</tbody>
</table>

| If swallowed: |
| • Call a poison control center or doctor immediately for treatment advice. |
| • Have a person sip a glass of water if able to swallow. |
| • Do not induce vomiting unless told to do so by a poison control center or doctor. |
| • Do not give anything by mouth to an unconscious person. |

| If inhaled: |
| • Move person to fresh air. |
| • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. |
| • Call a poison control center or doctor for further treatment advice. |

NOTES: |
| • Have the product container or label with you when calling a poison control center or doctor, or going for treatment. |
| • In the event of a medical emergency, you may also contact the National Pesticide Telecommunications Network (NPTN) at 1-800-858-7378. |

PRECAUTIONARY STATEMENT
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION – Causes moderate eye irritation. Avoid contact with eyes or clothing. Harmful if swallowed, inhaled or absorbed through skin. Do not breathe vapors or spray mist.

Personal Protective Equipment (PPE)
Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

APPLICATORS AND OTHER HANDLERS MUST WEAR: long-sleeved shirt and long pants, chemical-resistant gloves such as barrier laminate, viton, butyl rubber, nitrile rubber, neoprene rubber, or polyvinyl chloride (PVC), shoes plus socks, and protective eyewear, goggles, safety shield, or safety glasses.

User Safety Requirements
Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS:
Users should:
• Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet. |
• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. |
• Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS
Do not apply directly 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 cleaning equipment or disposing of equipment washwater or rinsate.

STORAGE AND DISPOSAL:
Do not contaminate water, food, or feed by storage or disposal. Keep pesticide in original container.

PESTICIDE STORAGE: Keep under cool conditions.
CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

DIRECTIONS FOR USE
It is a violation of federal law to use this product in a manner inconsistent with its labeling.
IMPORTANT: Before application, read all use directions thoroughly. Use CPPU Plant Growth Regulator only as directed.

This CPPU Plant Growth Regulator package contains 8 grams of N-(2-chloro-4-pyridinyl)-N'-phenyl urea, or forchlorfenuron. Each fluid ounce CPPU Plant Growth Regulator contains 0.25 grams of forchlorfenuron active ingredient (a.i.). Thus, 4 fluid ounces equals one gram of forchlorfenuron active ingredient.

CPPU Plant Growth Regulator is an extremely potent plant growth regulator (PGR) that has been shown to improve the fruit size and fruit set of blueberries, grapes and kiwi. However, excessive rates of CPPU Plant Growth Regulator can result in undesirable results. For specific effects and benefits, see the Spray Guidelines by Crop section.

- Product efficacy requires thorough coverage of the flowers and/or fruit. Uniform spray coverage is essential to achieve the desired results.
- For best results, apply CPPU Plant Growth Regulator under slow drying conditions, e.g. early in the morning, late in the afternoon, or at night in order to ensure adequate uptake.
- For best results, the water pH should be close to neutral, and always below 8.5.
- Do not apply CPPU Plant Growth Regulator to plants under stress. If plants under stress are treated, the effect may be reduced.
- Do not use overhead irrigation until sprays of CPPU Plant Growth Regulator have dried completely.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

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

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is: long-sleeved shirt and long pants; chemical-resistant gloves such as barrier laminate, viton, butyl rubber, nitrile rubber, neoprene rubber, or polyvinyl chloride (PVC); shoes plus socks; protective eyewear such as goggles, safety shield, or safety glasses.

GENERAL DIRECTION FOR USE

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**SPRAY GUIDELINES BY CROP**

**Blueberries in California**

Highbush blueberries grown in California have been shown through research to respond to application of CPPU Plant Growth Regulator with increased berry size. This response is dependent on spray application timing in relation to the blueberry plant's physiological growth stage. Vigorous plants with capacity to support increased crop load have responded best to CPPU applications.

Harvest may be delayed if CPPU is used, due to the longer time period for the larger treated berries to mature.

**Rates and Timing**

Make one to two applications of CPPU Plant Growth Regulator using 8 fluid ounces (2 grams a.i.) per acre in each application. Make the first application during bloom when 80% of the flowers have opened. If a second application is made, apply 8 fluid ounces (2 grams a.i.) per acre approximately 14 days after the first application, but no later than 21 days after petal fall.

**Spray Volume**

Crop response to this product depends upon accurate, thorough application. Apply with ground sprayer only. It is important to wet all berries thoroughly. Apply enough spray volume to achieve thorough coverage and avoid spraying to runoff. Spray volumes of 100 GPA applied with conventional spray equipment have been shown to provide satisfactory coverage of vigorous, productive blueberry bushes.

**Surfactant**

A suitable non-ionic surfactant may be used with CPPU, but it should not be used in amounts in excess of 0.25% (v/v). Be sure to follow surfactant label directions, especially for silicone-type non-ionic surfactants that are used at very low concentrations in the spray mixture.
**Grapes**

**Seedless Grape**

An application of CPPU Plant Growth Regulator has been shown to increase berry size. Increased berry size improves cluster weight, total yield and pack out. CPPU Plant Growth Regulator may improve fruit quality in cold storage. CPPU Plant Growth Regulator treatment may delay grape maturation, i.e. slow Brix accumulation. Color development may be delayed in colored varieties. These factors may cause a delay in harvest. The higher the rate of product applied, the greater the potential for maturity delay.

**Rates**

Thorough coverage of the clusters is critical to achieve the desired response. In general, the higher the concentration, the greater the response for berry size and maturity (harvest) delay. A lower rate range of from 12 to 24 fluid ounces (3 to 6 grams a.i.) can provide a berry size increase with minimal harvest delay. The higher rate range of 32 to 40 fluid ounces (8 to 10 grams a.i.) will maximize berry size and maximize harvest delay. Preliminary field trials have shown that harvest delay following CPPU Plant Growth Regulator applications do not always occur, and may be dependent upon weather conditions as well as the rates of product (both CPPU Plant Growth Regulator and Gibberellic acid) used. DO NOT exceed the maximum rate of 40 fluid ounces of CPPU Plant Growth Regulator (10 grams a.i. per acre) and do not apply this amount of product in less than 250 gallons per acre. DO NOT make more than one application per season.

### Table 1 – Application Rate Calculations – Dilution Guidelines

<table>
<thead>
<tr>
<th>CPPU Plant Growth Regulator</th>
<th>Grams</th>
<th>Gal.</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>PPM*</td>
<td>a.i./A</td>
<td>Ounces Per A</td>
</tr>
<tr>
<td>5</td>
<td>8</td>
<td>100</td>
<td>Intermediate size increase with minimum maturity delay.</td>
</tr>
<tr>
<td>5</td>
<td>16</td>
<td>200</td>
<td>Intermediate size increase with minimum maturity delay.</td>
</tr>
<tr>
<td>6</td>
<td>24</td>
<td>250</td>
<td>Intermediate size increase with minimum maturity delay.</td>
</tr>
<tr>
<td>6</td>
<td>32</td>
<td>350</td>
<td>Intermediate size increase with minimum maturity delay.</td>
</tr>
<tr>
<td>8</td>
<td>3</td>
<td>12</td>
<td>Intermediate size increase with minimum maturity delay.</td>
</tr>
<tr>
<td>8</td>
<td>24</td>
<td>200</td>
<td>Intermediate size increase with minimum maturity delay.</td>
</tr>
<tr>
<td>8</td>
<td>32</td>
<td>250</td>
<td>Intermediate size increase with minimum maturity delay.</td>
</tr>
<tr>
<td>10</td>
<td>16</td>
<td>100</td>
<td>Maximum size increase with maximum maturity delay.</td>
</tr>
<tr>
<td>10</td>
<td>32</td>
<td>200</td>
<td>Maximum size increase with maximum maturity delay.</td>
</tr>
<tr>
<td>10</td>
<td>40</td>
<td>250</td>
<td>Maximum size increase with maximum maturity delay.</td>
</tr>
</tbody>
</table>

* Parts Per Million

Recommended rates are for CPPU Plant Growth Regulator alone. Due to additive effect with Gibberellic acid (GA), berry size can be further increased when combined in a tank mix solution with GA using 20 to 40 ppm GA.

### Timing

Make a single application per season based on average berry diameter. The timing will vary by variety (See Table 2). Applications to flowering clusters will cause excessive fruit set and may overcome Gibberellic acid thinning effects. To maximize berry size use the highest rate of CPPU Plant Growth Regulator in combination with Gibberellic acid (See the Gibberellic acid label for rates.). Preliminary field testing has indicated that CPPU Plant Growth Regulator and Gibberellic acid tank mixes applied at the time of the second Gibberellic acid “sizing” spray will result in optimum berry sizing for common varieties such as “Thompson Seedless”. However, a combined spray application of CPPU Plant Growth Regulator and Gibberellic acid may delay maturity more than either product alone, particularly when highest label rates of Gibberellic acid are used.

### Spray Volume

Use a volume of water between 200 and 350 gallons per acre (GPA), but do not spray past runoff. Spray volumes lower than 200 GPA may result in poor coverage and reduce the effectiveness of the application.

**Seeded Grape for Fresh Market**

An application of CPPU Plant Growth Regulator has been shown to increase berry size. Increased berry size improves cluster weight, total yield and pack out. CPPU Plant Growth Regulator may improve fruit quality in cold storage. CPPU Plant Growth Regulator treatment may delay grape maturation, i.e. slow Brix accumulation. Color development may be delayed in colored varieties. These factors may cause a delay in harvest. The higher the rate of product applied, the greater the potential for maturity delay.

### Rates

For specified rates, see Table 1. Thorough coverage of the clusters is critical to achieve the desired response. In general the higher the concentration the greater response for berry size and maturity (harvest) delay. DO NOT exceed the maximum rate of 40 fluid ounces of CPPU Plant Growth Regulator (10 grams a.i. per acre) and do not apply this amount of product in less than 200 gallons per acre. DO NOT make more than one application per season.

### Timing

Make a single application per season based on average berry diameter. The timing will vary by variety (See Table 2). Applications to flowering clusters will cause excessive fruit set.

### Spray Volume

Use a volume of water between 200 and 350 gallons per acre (GPA), but do not spray past runoff. Spray volumes lower than 200 GPA may result in poor coverage and reduce the effectiveness of the application.

### Table 2 – Suggested Berry Diameters for Timing CPPU Plant Growth Regulator Sprays for Fresh Market Grapes

<table>
<thead>
<tr>
<th>Variety</th>
<th>Avg. Berry Diameter (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thompson Seedless</td>
<td>6 - 10</td>
</tr>
<tr>
<td>Flame Seedless</td>
<td>8 - 14</td>
</tr>
<tr>
<td>Perlette</td>
<td>6 - 8</td>
</tr>
<tr>
<td>Ruby Seedless</td>
<td>9 - 12</td>
</tr>
<tr>
<td>Red Globe</td>
<td>14 - 20</td>
</tr>
<tr>
<td>Emperor</td>
<td>12 - 14</td>
</tr>
</tbody>
</table>

1 All varieties have not been fully tested. Most other seedless varieties, such as Crimson, Fantasy, and Black Beauty would be best treated when berry diameter is between 10-14 mm. It is suggested that additional seeded varieties be treated when berry diameter is between 12-16 mm.
Seeded Grapes for Wine
An application of CPPU Plant Growth Regulator has been shown to increase berry set, or berry size depending upon time of application. CPPU Plant Growth Regulator treatment may delay grape maturity by slowing the accumulation of soluble solids. Color development may be delayed in colored varieties. These factors may cause a delay in harvest. The higher the rate of product applied, the greater the potential for maturity delay.

Rates
Make a single application of CPPU Plant Growth Regulator using 8 to 40 fluid ounces (2 to 10 grams a.i.) per acre, making sure that clusters are thoroughly covered. In general, use lower rates to increase berry set (8-12 fluid ounces per 100 GPA). The higher the concentration the greater response for berry size and maturity delay. DO NOT exceed the maximum rate of 40 fluid ounces per acre. DO NOT make more than one application per season.

Timing
Make a single application per season. To increase berry set, apply CPPU Plant Growth Regulator during bloom. To increase berry size, apply a single application of CPPU Plant Growth Regulator 14 to 21 days after the completion of berry shatter. The timing may vary by variety. All varieties have not been fully tested.

Spray Volume
Use a volume of water between 100 and 200 gallons per acre (GPA). Spray volumes lower than 100 GPA may result in poor coverage and reduce the effectiveness of the application.

Grapes for Raisins
An application of CPPU Plant Growth Regulator following the label directions increases fruit set and/or berry size, and may affect drying ratio. CPPU Plant Growth Regulator application may delay maturity (reduced soluble solids), which may cause a delay in harvest. The higher the rate of product applied, the greater the potential for delayed maturity.

Rates
Make a single application of CPPU Plant Growth Regulator using 8 to 40 fluid ounces (2 to 10 grams a.i.) per acre, making sure that clusters are thoroughly covered. In general, use lower rates to increase berry set (8-10 fluid ounces per 100 GPA). Use higher rates (24 to 40 fluid ounces) to increase berry size. The higher the rate, the greater the response for berry size and maturity delay. DO NOT exceed the maximum rate of 40 fluid ounces per acre. DO NOT make more than one application per season.

Timing
To increase berry set, make a single application at bloom. To increase berry size, make a single application when the berry diameter averages 8 to 10 millimeters (mm).

Spray Volume
Use a volume of water between 100 and 200 gallons per acre (GPA). Spray volumes lower than 100 GPA may result in poor coverage and reduce the effectiveness of the application.

Additional Varieties for Raisins
All varieties have not been fully tested. Most seedless raisin varieties will respond when treated using the rates and timings described above. Use lower rates to minimize size enhancement and maturity delay.

Kiwifruit
An application of CPPU Plant Growth Regulator following the label directions will result in increased fruit size.

Rates
Make a single application of CPPU Plant Growth Regulator using 8 to 16 fluid ounces (2 to 4 grams a.i.) for intermediate size enhancement. For maximum berry size enhancement, use 24 to 32 fluid ounces (6 to 8 grams a.i.). Make sure that fruit are thoroughly covered. DO NOT exceed the maximum rate of 32 fluid ounces (8 grams a.i.) per acre. DO NOT make more than one application per season.

Timing
Make the single application when the berry length averages 30-45 mm. Fruit will generally be in this range at 2-3 weeks following bloom.

Spray Volume
Use a volume of water between 100 and 200 gallons per acre (GPA). Spray volumes lower than 100 GPA may result in poor coverage and reduce the effectiveness of the application.

IMPORTANT: READ BEFORE USE
Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of KIM-C1, LLC. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, KIM-C1, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of KIM-C1, LLC is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, KIM-C1, LLC disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at KIM-C1, LLC’s election, the replacement of product.

Latron B1956 is a trademark of Dow Chemical Company

(MASTER label June 14, 2012)