

71049-4

03-23-2009

17



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

71049-4

Date of Issuance:

MAR 23 2009

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:
Conditional

Name of Pesticide Product:

CPPU Plant Growth
Regulator

Name and Address of Registrant (include ZIP Code):

Terri Siemer-Aal, Associate
Seimer & Associates, Inc.
Regulatory Agent for KIM-C1, LLC
1036 G Street
Reedley, CA 93654

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

Page 1 of 4

Shaya Siemer

Date:

MAR 23 2009

2. You must submit the following conditional data before the due date of April 30, 2010.
 - a. Storage Stability Study (830.6317)
 - b. Corrosion Characteristics Study (830.6320)
 - c. Viscosity Study (830.7100)

3. Make the following changes to the label:
 - a. Change the product registration number to "EPA Reg. No. 71049-4"
 - b. Within the ingredient statement, replace "*N*-(2-chloro-4-pyridinyl)-*N'*-phenyl urea" with "Forchlorfenuron."
 - c. Revise the "First Aid" statement beginning with "If in eyes," followed by the oral and inhalation statements cited on your label.
 - d. For the "Hazards to Humans and Domestic Animals" statement, you may delete at your discretion "Do not get in eyes, on skin, or clothing statement. This is an eye Category II (Warning) statement, which is not applicable to this product (see enclosed acute toxicity review).
 - e. Under PPE, "Applicators and Others Handlers Must Wear" section, you may delete at your discretion "coveralls over," "chemical-resistant footwear," and "chemical-resistant headwear." The equipment listed is required for Category I (Danger) and does not correspond to the appropriate toxicity profile for this product (see enclosed review mentioned above). However if you choose to delete chemical-resistant footwear, you must add the word "**shoes**" prior to "plus socks."
 - f. Under PPE, "Applicators and Others Handlers Must Wear" section, please add to chemical resistance gloves "butyl rubber, nitrile rubber, neoprene rubber, and polyvinyl chloride (PVC)" in addition to barrier laminate or viton. For protective eyewear, please add the statement "goggles, safety shield, or safety glasses."
 - g. Add "User Safety Requirements" title in bold text above "Follow manufacturer's instructions for". For the following sentence, add the word "exist" after "washables."
 - h. Under "User Safety Recommendations" after wash hands, add the words "thoroughly with soap and water."
 - i. Under "Environmental Hazards" section, delete the phrase "where surface water is present or to intertidal areas" as it is repeated twice. In addition, remove the "s"

off of washwaters, and add “or rinsate.”

- j. In the “Storage and Disposal” section, delete “Prohibitions: Open dumping is prohibited,” as this is not Agency approved language.
- k. In the “Agricultural Use Requirements” box, you may delete at your discretion “coveralls over, chemical resistant footwear, chemical resistant headwear, and the double notification statement” that follows for the reason stated in sentence “e”. However if you choose to delete chemical-resistant footwear, you must add the word “shoes” prior to “plus socks.” In addition, you must specify protective eyewear as stated in sentence “f”.
- l. Starting with “Blueberries” under the “Spray Guidelines By Crops” replace the reference of “KT-30” with “CPPU” where applicable throughout the label.
- m. For “Tank Mixing” under Blueberries, add “(v/v)” after 0.25%.
- n. Under “Grapes Seedless Grape,” in the “Rates” paragraph, second to the last sentence, “.....and do not apply this amount of product in less than 200 gallons per acre” is a contradictory statement in accordance to your GPA in Table 1. Please revise this statement.
- o. Under “Table 1- Application Rate Calculations-Dilution Guidelines” please correct the first two rows to read “5” (as determined the PPM calculator) under the PPM column. In addition, spell out “PPM”.
- p. In the “Spray Volume” paragraphs for both “Grapes Seedless Grape” and “Seeded Grape for Fresh Market”, revise 500 GPA to read “350 GPA” for consistency with Table 1.
- q. In the “Rates” paragraph under “Seeded Grape for Fresh Market,” revise the first sentence to read “For “specified” rates, see Table 1, thereby deleting the word “recommended.”
- r. For “Kiwifruit” the paragraph under “Timing” add mm in the place of millimeters and spell it out at the place of first mentioned. The abbreviated “mm” should follow subsequently.
- s. Revise the “Warranty/Liability” to read “Conditions of Sale and Limitation of Warranty and Liability” and revised in accordance with the EPA Label Review Manual. Please see <http://www.epa.gov/oppfead1/labeling/lrm/chap-12.htm#IX> for further guidance.

4. Submit one copy of the revised final printed label for the record before the product is released for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Shaja B. Joyner
Product Manager (20)
Fungicide Branch
Registration Division (7505P)

Enclosures: Stamped "Accepted with Comments" Label
Product Chemistry Review 3/09/2009
Acute Toxicity Review 2/11/2009

CPPU™

Plant Growth Regulator

ACTIVE INGREDIENT	BY WEIGHT
<i>N</i> -(2-chloro-4-pyridinyl)- <i>N'</i> -phenyl urea.....	00.80%
OTHER INGREDIENTS.....	99.20%
TOTAL	100.00%

This package contains 8 grams active ingredient.

KEEP OUT OF REACH OF CHILDREN
CAUTION

See attached label for First Aid, storage/disposal statements, additional precautionary statements and directions for use.

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 label under "Agricultural Use Requirements" in the Directions For Use section for information about this standard.

KIM-C1, LLC	EPA Reg. No. 71049-4
135 W. Shaw Avenue, Ste. 102	EPA Est. No.73771-CA-001
Fresno, CA 93704	Rev. #8090

Lot No.:
Net Contents: One Quart (8 grams active ingredient)

ACCEPTED
with COMMENTS
In EPA Letter Dated
MAR 23 2009

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act**
as amended, the pesticide
registered under EPA Reg. No.
71049-4

CPPU™
Plant Growth Regulator

ACTIVE INGREDIENT	BY WEIGHT
<i>N</i> -(2-chloro-4-pyridinyl)- <i>N</i> '-phenyl urea.....	00.80%
OTHER INGREDIENTS.....	99.20%
	<hr/>
TOTAL.....	100.00%

This package contains 8 grams active ingredient.

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID	
If swallowed:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • 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.
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
NOTES:	<ul style="list-style-type: none"> • 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.

EPA REG. NO. 71049-4

EPA EST. NO. 73771-CA-001

MANUFACTURED for:
KIM-C1, LLC
135 W. Shaw Avenue, #102
Fresno, CA 93704

NET CONTENTS: One Quart (8 grams active ingredient)

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 get in eyes, on skin or on clothing. 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: coveralls over long-sleeved shirt and long pants, chemical-resistant gloves such as barrier laminate or viton, chemical-resistant footwear, plus socks, protective eyewear, and chemical-resistant headwear.

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

USER SAFETY RECOMMENDATIONS:

Users should:

- Wash hands 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 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 washwaters.

8
17

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.

PROHIBITIONS: Open dumping is prohibited.

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.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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:
coveralls over long-sleeved shirt and long pants;
chemical-resistant gloves such as barrier laminate or viton;
chemical-resistant footwear, plus socks; protective eyewear;
chemical-resistant headwear.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

GENERAL DIRECTION FOR USE

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 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 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.
- DO NOT apply CPPU Plant Growth Regulator if rain is expected before sprays have dried completely.
- DO NOT apply this product through any type of irrigation system.
- Aerial application of CPPU Plant Growth Regulator is prohibited.

- Use of adjuvants: Adjuvants, if used, should be of a non-ionic nature, such as Latron B1956®, and should not exceed 0.1% (v/v).
- Compatibility: Tank mixes of CPPU Plant Growth Regulator with materials other than ProGibb®, Promalin®, and Accel®, or a suitable non-ionic surfactant are not recommended.
- Spray Method Restrictions: Use only dilute sprays. Use kicker nozzles directed onto fruit from beneath the canopy on row and airblast sprayers. DO NOT apply by ULV or concentrate methods.
- DO NOT treat fruit by dipping. Use of the dip method for applying CPPU Plant Growth Regulator may result in residues exceeding tolerance restrictions.

Consult your local KIM-C1 agricultural representative for specific information on the best use recommendations for your particular crop.

SPRAY GUIDELINES BY CROP

Bushberries (Aronia Berry; Blueberry, Highbush; Blueberry, Lowbush; Currant, Buffalo; Chilean Guava; Currant, Black and Currant, Red; Barberry, European; Elderberry; Gooseberry; Cranberry, Highbush; Honeysuckle, Edible; Huckleberry; Jostaberry; Juneberry; Lingonberry; Currant, Native; Sálal; Buckthorn, Sea)

Blueberries

KT-30 has been shown through research to increase berry set, particularly in Rabbiteye cultivars, and berry size in Rabbiteye and Northern Highbush cultivars. If harvest delay is desired and will aid in broadening harvest time, then higher rates described below should be used. Total yield and quality of the fruit will be improved. Best results are obtained when KT-30 is used in properly managed blueberries. All varieties have not been fully tested. Northern Highbush varieties have been most widely tested and have shown the most promising results. Southern Highbush varieties have shown some early dark discoloration when berry tissue is in the sun. This discoloration disappears as the berry colors up during the ripening process. At harvest there is no discoloration evident on fully ripe berries. This condition appears to only develop in the southeast and has not been observed in the west.

In the southeast, the Southern Highbush varieties may develop a severe leaf burn that can be extensive. If a grower did want to treat Southern Highbush varieties, only a few bushes should be treated until it can be established that treatment can occur without harming the leaves.

All other varieties have not been tested. If less widely planted varieties are to be treated, smaller treatments are recommended until grower experience with variety is obtained. If additional information is needed, check with your local extension agent.

Rates

Making a single application of KT-30 using 2 to 3 grams per acre in 100 gallons of spray will promote set or increase fruit size. Make sure that fruit and canopy are thoroughly covered. Do not exceed the maximum rate 3 grams per acre unless it is desired to broaden harvest timing with delayed fruit maturity. In this instance use rates as high as 10 grams per acre. Do NOT make more than one application per season.

Timing

Application timing is very important for optimal response. Timing should be based on flower development. The single application during bloom to increase berry set and berry size should be made at the beginning of the bloom period (bloom is defined as 50% open bloom). If the increased set is not desired, make the single application approximately 10-14 days following petal fall to increase fruit size and with higher rates to delay harvest.

Spray Volume

Depending upon foliage volume, spray application should be made using somewhere between 50 and 250 gallons per acre. Increase spray volumes as required by bush size and avoid spraying past runoff. Use of the higher gallonage does not permit use of an increased amount of KT-30. The 10 grams per acre limited use is restricted by the label. Spray volumes lower than 50 GPA may result in poor coverage and reduce the effectiveness of the application.

Tank Mixing

Do not tank mix KT-30 with any other agrochemical except a suitable non-ionic surfactant. A surfactant should not be used in amounts in excess of 0.25%.

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 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 dependant upon weather conditions as well as the rates of product (both CPPU Plant Growth Regulator and ProGibb) 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 200 gallons per acre. DO NOT make more than one application per season.

Table 1 – Application Rate Calculations – Dilution Guidelines

CPPU Plant Growth Regulator				Comments
PPM	Grams a.i./A	Ounces	Gal. Per A	
6	2	8	100	Intermediate size increase with minimum maturity delay.
6	4	16	200	Intermediate size increase with minimum maturity delay.
6	6	24	250	Intermediate size increase with minimum maturity delay.
6	8	32	350	Intermediate size increase with minimum maturity delay.
8	3	12	100	Intermediate size increase with minimum maturity delay.
8	6	24	200	Intermediate size increase with minimum maturity delay.
8	8	32	250	Intermediate size increase with minimum maturity delay.
10	4	16	100	Maximum size increase with maximum maturity delay.
10	8	32	200	Maximum size increase with maximum maturity delay.
10	10	40	250	Maximum size increase with maximum maturity delay.

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

Timing

Make a single application per season based on average berry diameter. The timing will vary by variety (See Table 2). Make sure that the latest developing marketable clusters have completed shatter and final berry set by the time the application is made. Applications to flowering clusters will cause excessive fruit set and may overcome ProGibb berry thinning effects. To maximize berry size use the highest rate of CPPU Plant Growth Regulator in combination with ProGibb (See the ProGibb label for rates). Preliminary field testing has indicated that CPPU Plant Growth Regulator and ProGibb tank mixes applied at the time of the second ProGibb “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 Pro-Gibb may delay maturity more than either product alone, particularly when highest label rates of ProGibb are used.

Spray Volume

Use a volume of water between 200 and 500 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.

Tank Mixing

CPPU Plant Growth Regulator can be applied alone, as listed in Table 1. It may also be tank mixed with ProGibb “sizing” sprays. CPPU Plant Growth Regulator may also be applied in combination with a non-ionic surfactant. Other tank mix combinations with CPPU Plant Growth Regulator are not recommended.

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 recommended 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 (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 500 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.

Tank Mixing

CPPU Plant Growth Regulator can be applied alone, as listed in Table 2. CPPU Plant Growth Regulator may also be applied in combination with a non-ionic surfactant. Tank mixes of CPPU Plant Growth Regulator with other materials is not recommended.

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

Variety ¹	Avg. Berry Diameter (mm)
Thompson Seedless	6 - 10
Flame Seedless	8 - 14
Perlette	6 - 8
Ruby Seedless	9 - 12
Red Globe	14 - 20
Emperor	12 - 14

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. 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.

Tank Mixing

Tank mixes of CPPU Plant Growth Regulator with any materials except a suitable non-ionic surfactant (see Use of Adjuvant section) are not recommended.

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.

16
17

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 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.

Tank Mixing

Tank mixes of CPPU Plant Growth Regulator with any materials except a suitable non-ionic surfactant (see Use of Adjuvant section) are not recommended.

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 millimeters. Fruit will generally be in this range at 2-3 weeks following bloom.

17
—
17

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.

Tank Mixing

Tank mixes of CPPU Plant Growth Regulator with any materials except a suitable non-ionic surfactant (see Use of Adjuvant section) are not recommended.

Warranty/Liability

To the extent allowable under State law, seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with accompany directions.

Latron B1956 is a trademark of Rohm and Haas
ProGibb, Promalin, and Accel are all trademarks of Valent BioSciences Corp.