



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number KIM-C1, LLC/71049-3	2. EPA Product Manager Olga Odiott	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) KIM-C1, LLC/ABG-3207 Plant Growth Regulator	PM#	
5. Name and Address of Applicant (Include ZIP Code) KIM-C1, LLC c/o Siemer & Associates, Inc. 4672 W. Jennifer, Ste. 103 Fresno, CA 93722 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION
MAR 17 2005

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification to add statement requested by EPA to prohibit aerial application of ABG-3207 PGR. This notification is consistent with the provisions of PR-Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR-Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under section 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes" Package wgt. No. per container		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions	
6. Manner in Which Label is Affixed to Product			<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Terri Aal	Title Registration Assistant	Telephone No. (Include Area Code) (559) 275-0911
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		8. Date Application Received (Stamped): .
2. Signature 	3. Title Registration Assistant	
4. Typed Name Terri Aal	5. Date 2-18-05	

ABG-3207 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.....	<u>100.00%</u>

NOTIFICATION
MAR 17 2005

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 Information Center (NPIC) at 1-800-858-7378.

EPA REG. NO. 71049-3

EPA EST. NO. 33762-IA-001

MANUFACTURED for:
KIM-CI, LLC
5151 N. Palm, Ste. 620
Fresno, CA 93704

NET CONTENTS: One Quart (8 grams active ingredient)

PRECAUTIONARY STATEMENT

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION - 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.

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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

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

CONTAINER DISPOSAL: Dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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 DIRECTIONS FOR USE

IMPORTANT: Before application, read all use directions thoroughly. Use ABG-3207 only as directed.

This ABG-3207 package contains 8 grams of N-(2-chloro-4-pyridinyl)-N'-phenylurea, or CPPU. Each fluid ounce of ABG-3207 contains 0.25 grams of CPPU active ingredient (a.i.). Thus, 4 fluid ounces equals one gram of CPPU a.i.

ABG-3207 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 ABG-3207 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 ABG-3207 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 ABG-3207 to plants under stress. If plants under stress are treated, the effect may be reduced.
- Do not use overhead irrigation for at least 2-4 hours (after the sprays have dried) following the ABG-3207 application.
- Do not apply ABG-3207 if rain is expected within 2-4 hours after the spray has dried.
- Do not apply this product through any type of irrigation system.
- Aerial application of ABG-3207 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 ABG-3207 with materials other than ProGibb®, and/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 ABG-3207 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

Table 1 - Application Rate Calculations – Dilution Guidelines				
ABG-3207				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.

¹ Recommended rates are for ABG-3207 alone. Due to additive effect with ProGibb, berry size can be further increased when combined in a tank mix solution.

Grapes

Seedless Grape

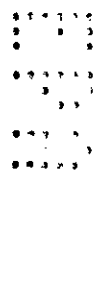
An application of ABG-3207 has been shown to increase berry size. Increased berry size improves cluster weight, total yield and pack out. ABG-3207 may improve fruit quality in cold storage. ABG-3207 treatment may delay grape maturation, i.e. slow Brix accumulation. Color development may be delayed in 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 ABG-3207 applications do not always occur, and may be dependant upon weather conditions as well as the rates of product (both ABG-3207 and ProGibb) used. DO NOT exceed the maximum rate of 40 fluid ounces of ABG-3207 (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). 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 ABG-3207 in combination with ProGibb (See the ProGibb label for rates). Preliminary field testing has indicated that ABG-3207 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 with ABG-3207 and ProGibb 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

ABG-3207 can be applied alone, as listed in Table 1. It may also be tank mixed with ProGibb "sizing" sprays. ABG-3207 may also be applied in combination with a non-ionic surfactant. Other tank mix combinations with ABG-3207 are not recommended.

Seeded Grape for Fresh Market

An application of ABG-3207 has been shown to increase berry size . Increased berry size improves cluster weight, total yield and pack out. ABG-3207 may improve fruit quality in cold storage. ABG-3207 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

ABG-3207 can be applied alone, as listed in Table 2. ABG-3207 may also be applied in combination with a non-ionic surfactant. Tank mixes of ABG-3207 with other materials is not recommended.

Table 2 - Suggested Berry Diameters for Timing ABG-3207 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 ABG-3207 has been shown to increase berry set, or berry size. ABG-3207 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 ABG-3207 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 ABC-3207 during bloom. To increase berry size, apply a single application of ABG-3207 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 ABG-3207 with any materials except a suitable non-ionic surfactant (see Use of Adjuvant section) are not recommended.

Grapes for Raisins

An application of ABG-3207 following the label directions increases fruit set and/or berry size, and may affect drying ratio. ABG-3207 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

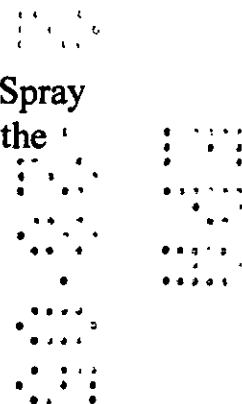
Make a single application of ABG-3207 using 8 to 40 fluid ounces (2 to 10 grams a.i.) per acre, making sure that clusters are thoroughly covered. In general, use lower rates to increase berry set (8-10 fluid ounces per 100 GPA). Use higher rates (24 to 40 fluid ounces) to increase berry size. The higher 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 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 ABG-3207 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.

Kiwi

An application of ABG-3207 following the label directions will result in increased fruit size.

Rates

Make a single application of ABG-3207 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 averages 30-45 millimeters. 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.

Tank Mixing

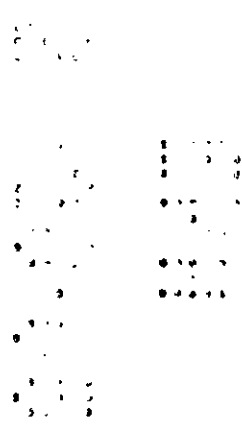
Tank mixes of ABG-3207 with any materials except a suitable non-ionic surfactant (see Use of Adjuvant section) are not recommended.

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 accompanying directions.

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Latron B1956 is a trademark of Rohm and Haas



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SIEMER
& ASSOCIATES INCORPORATED
Consultants to Agriculture and the Chemical Industry

February 18, 2005

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

Subject: KIM-C1, LLC
ABG-3207 Plant Growth Regulator, EPA Reg. No. 71049-3
Notification of change to add a statement verbally requested by EPA

Dear Sir or Madam:

On behalf of KIM-C1, LLC we are submitting a notification to add a statement to the label that was previously requested by EPA, but not added prior to final stamping of the label. The Agency requested that we add it to our KT-30 PGR label (71049-1) and the ABG-3207 PGR label (71049-3), but prior to label stamping, this change was only made on the KT-30 PGR label. The statement EPA requested that we add to the labels is a statement prohibiting aerial application. Per this notification, the requested wording has been added.

This notification is consistent with the provisions of PR-Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 10 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR-Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FFIRA.

Sincerely,

SIEMER & ASSOCIATES, INC.



Terri Aal
Registration Assistant

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042notif epa/4123