



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

April 02, 2025

Beth Mitchell  
beth.mitchell@verdant-tech.com  
VERDANT TECHNOLOGIES, LLC

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment - Revision to remove WPS language, add optional marketing claims and revise crop list to include crop groups.  
Product Name: CR206  
Admin Number: 93197-2  
EPA Receipt Date: 08/27/2024  
Action Case Number: 00633751

Dear Beth Mitchell:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

The label submitted with the application has been stamped "Accepted Only Indicated Revisions Reviewed" and is enclosed for your records.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have questions, please contact Cecilia Kujawa via email at [kujawa.cecilia@epa.gov](mailto:kujawa.cecilia@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "James Parker". The script is elegant and cursive, with the first letters of "James" and "Parker" being capitalized and prominent.

James Parker, Team Leader  
BPB, BPPD  
Office of Pesticide Programs

04/02/2025

Under the Federal Insecticide, Fungicide and  
Rodenticide Act as amended, for the pesticide  
registered under EPA Reg. No.

93197-2

No label revisions other than those indicated were  
reported to the Agency.

## CR206

**[Alternate brand name: HarvestHold<sup>®</sup> Fresh]**

[CR206 is a coated film]. [The film allows the release of 1-MCP gas, which extends the life and usefulness of many fresh fruits and vegetables]. [1-MCP is a unique postharvest tool for counteracting many of the undesirable effects of ethylene]. [Fruits and vegetables are treated with CR206 in shipping containers]. [This product is intended for use only on food crops].

Active Ingredient: 1-Methylcyclopropene..... 0.0144%  
Other Ingredients:..... 99.9856%  
Total: ..... 100.0000%

## Net Contents:

EPA Registration No.: 93197-2

EPA Establishment No.: 93197-MN-1

[U.S. Patent Pending 16/859,399, 16/863,629]

[Verdant Technologies, LLC]

Verdant Technologies, LLC

1789 Buerkle Circle

St. Paul, MN 55110

1-651-770-9161

## KEEP OUT OF REACH OF CHILDREN

**CAUTION** **[/][PRECAUCION]**

**[Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. ]**

**[(If you do not understand the label, find someone to explain it to you in detail.)]**

**FIRST AID**

<b>If swallowed</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>If in eyes</b>	<ul style="list-style-type: none"><li>• 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.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If inhaled</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>

**HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor or going for treatment. For medical emergencies, call your poison control center at 1-800-222-1222.

CR206 EPA Label [REDLINE]

EPA Reg. No. 93197-2

08-17-2024

110135/20180209

NOTE to reviewer: Text in brackets [] denotes optional text

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Harmful if inhaled. Avoid breathing vapor. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

### ENVIRONMENTAL HAZARDS:

This pesticide is moderately toxic to fish and aquatic invertebrates. Do not contaminate water when disposing of this product. See disposal directions in Storage & Disposal section.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):** Applicators and other handlers must wear: long-sleeved shirt and long pants, waterproof gloves, shoes plus socks. Follow manufacturer's instructions for cleaning and maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS:** Users should 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.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

#### **Agricultural Use Requirements**

Use this product only in accordance with its labeling and with the Worker Protection Standard 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, 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) and restricted entry interval. The requirements in the box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

Do not enter or allow worker entry into treated enclosed areas until the enclosed area has been vented unless wearing the appropriate PPE prior to venting the volatile active ingredient from the treatment area. For enclosed areas including but not limited to storage rooms, coolers, shipping containers, enclosed truck trailers, ventilation shall continue until after thirty minutes (30) minutes of using fans or other mechanical ventilating system. In greenhouses, two (2) hours of ventilation using fans or other mechanical ventilating systems or four (4) hours of ventilation using vents, windows or other passive ventilation.

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, prior to venting the volatile active ingredient from the treatment area is:

• Coveralls

CR206 EPA Label [REDLINE]

EPA Reg. No. 93197-2

08-17-2024

110135/20180209

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- ~~• Chemical-resistant gloves made of any waterproof material~~
- ~~• Shoes plus socks~~

### **Non-Agricultural Use Requirements**

~~The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.~~

~~Apply and store boxes or containers containing treated fruits and vegetables in well-ventilated areas. Do not enter enclosed areas containing boxes or containers with treated fruits and vegetables until the enclosed area has been vented unless wearing the appropriate PPE. Ventilation shall continue until after fifteen minutes of ventilation using fans or other mechanical ventilating systems or four hours of ventilation using vents, windows or other passive ventilation.~~

~~PPE required for early entry into enclosed areas prior to venting is:~~

- ~~• Long-sleeved shirt and long pants~~
- ~~• Chemical-resistant gloves made of any waterproof material~~
- ~~• Shoes plus socks~~

### **General Information**

CR206 film can extend the shelf-life of many [fruits] [and] [vegetables]. It works by inhibiting the negative effects of ethylene and thus prevents or reduces premature ripening of [fruits] [and] [vegetables].

CR206 film should be placed into the shipping container either before or after [fruits] [and] [vegetables], have been packed into the container, but before **sealing-closing** the container. CR206 film is specifically designed to be used by all levels of the [fresh fruit] [and] [vegetable industry], including [growers], [shippers], [wholesalers], [mail-order houses] and [retailers].

~~Note: DO NOT wet film with water~~

### **CR206 film treatment benefits the following [crops] [fruits] [and] [vegetables]:**

[Apple], [Apricot], [Avocado], [Broccoli], [Cauliflower], [Grapes] [(table)], [Lettuce], [Melons] [(Cantaloupe), [Watermelon] [&] [Honeydew]), [Pear], [Persimmon], [Pineapple], [Plum], [Tomato], [Asparagus], [Banana], [Blueberry], [Brussels sprouts], [Lettuce], [Okra], [Stone fruit] [Peach], [Plum], [Apricot], [Nectarine], [Spinach], [Strawberry], [Sweet corn], [Lime], [Papaya], [Mango], [Mushrooms], [Cucumber], [Bell Pepper] [and] [Kiwi].

**{Note to Reviewer: the final printed label may contain EPA crop group listings or specific crops from crop groups listed on the EPA label below or individual crop groups or all as listed below. It may also contain detailed lists of crops for each crop group. The EPA label lists examples of crops in the crop group only, but the final printed label may list any crop found in the EPA crop group even if not listed on the EPA label.}**

CR206 EPA Label [REDLINE]

EPA Reg. No. 93197-2

08-17-2024

110135/20180209

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[ROOT AND TUBER VEGETABLES] [(Crop Group 1):] [crops] [such as] [Artichoke], [Carrot], [Radish], [Beet]

[BULB VEGETABLES] [(Crop Group 3):] [crops] [such as] [Onion], [Leek]

[LEAFY VEGETABLES] [(EXCEPT BRASSICA VEGETABLES)] [(Crop Group 4):] [crops] [such as] [Cilantro], [Lettuce], [Head] [and] [Leaf], [and] [Spinach]

[BRASSICA LEAFY VEGETABLES] [(Crop Group 5):] [crops] [such as] [Broccoli], [Broccoli], [Chinese], [Broccoli raab], [Brussels sprouts], [Cabbage], [Broccolini]

[LEGUME VEGETABLES] [(Succulent or Dried)] [(Crop Group 6):] [crops] [such as] [Green Bean]

[FRUITING VEGETABLE] [(EXCEPT CUCURBIT)] [(Crop Group 8):] [crops] [such as] [Pepper (Bell and Nonbell)], [Tomato], [Eggplant], [Okra]

[CUCURBIT VEGETABLES] [(Crop Group 9):] [crops] [such as] [Cucumber], [Melon], [Summer Squash], [Zucchini]

[CITRUS FRUITS] [(Crop Group 10):] [crops] [such as] [Lemon], [Lime]

[POME FRUIT] [(Crop Group 11):] [crops] [such as] [Apple], [Pear], [Quince]

[STONE FRUIT] [(Crop Group 12):] [crops] [such as] [Peach], [Nectarine], [Plum], [Apricot], [Plumcot], [Cherry and hybrids]

[BERRY AND SMALL FRUIT CROP GROUP] [(Crop Group 13):] [crops] [such as] [Kiwi], [Raspberry], [Strawberry], [Grape]

[CEREAL GRAINS GROUP] [(Crop Group 15):] [crops] [such as] [Sweet Corn]

[EDIBLE FUNGI GROUP] [(Crop Group 21):] [crops] [such as] Mushrooms

[STALK, STEM AND LEAVE PETIOLE VEGETABLE GROUP] [(Crop Group 22):] [crops] [such as] [Asparagus]

[TROPICAL AND SUBTROPICAL FRUIT, EDIBLE PEEL] [(Crop Group 23):] [crops] [such as] [Guava], [Persimmon], [Fig]

[TROPICAL AND SUBTROPICAL FRUIT, INEDIBLE PEEL] [(Crop Group 24):] [crops] [such as] [Avocado], [Banana], [Passion fruit], [Mango], [Papaya], [Pineapple], [Lychee]

**[\*][Not for use in California] {Note to Reviewer: Any of the above use sites or sites listed within the crop group may be qualified with \* as appropriate.**

Maximum benefits in [fruits] [and] [vegetables] is dependent on many biotic and abiotic factors. Product can be used in combination with other postharvest technologies. For further information on how to apply HarvestHold™ FreshCR206, contact your local Verdant Technologies representative.

### **CR206 Application Method:**

The correct area [in<sup>2</sup>] [or] [cm<sup>2</sup>] of CR206 film to be used in a particular size box or container can be determined from the table below by measuring the volume of the container. For example, if the box is 19" x 12" x 10", that would 2280 in<sup>3</sup> [or 37,362cm<sup>3</sup>], requiring [143 in<sup>2</sup>] [(or 923 cm<sup>2</sup>)] that can be used to treat the [fruits] [or] [vegetables] in the box.

### **[Square Inches] [(in<sup>2</sup>)] [and] [Square Centimeters] [(cm<sup>2</sup>)] of CR206 Film Selection:**

Container Volume (in <sup>3</sup> )	CR206 film required (in <sup>2</sup> )	Container Volume (cm <sup>3</sup> )	CR206 film required (cm <sup>2</sup> )
100 – 400	6 – 25	1000 – 5000	4 – 19

CR206 EPA Label [REDLINE]  
EPA Reg. No. 93197-2  
08-17-2024  
110135/20180209

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500 – 800	31 – 50	6000 – 10,000	23 – 38
900 – 1200	56 – 75	11,000 – 15,000	42 – 58
1300 – 1600	81 – 100	16,000 – 20,000	61 – 77
1700 – 2000	107 – 126	21,000 – 25,000	81 – 96
2100 – 2400	132 – 151	26,000 – 30,000	100 – 115
2500 – 2800	157 – 176	31,000 – 35,000	119 – 134

For each 16 [inches<sup>3</sup>][(in<sup>3</sup>)] of container volume, an additional 1 [inch<sup>2</sup>][(in<sup>2</sup>)] of film is required.

For each 250 [centimeters<sup>3</sup>][(cm<sup>3</sup>)] of container volume, an additional 1 [centimeter<sup>2</sup>][(cm<sup>2</sup>)] of film is required

For best results, place the properly sized CR206 film inside the box or container, immediately close the container lid. ~~Do not dip the film into~~—The box or container should remain closed during storage and shipping ~~for at least 24 hours~~ to ensure the [fruits] [and] [vegetables] have received an effective treatment.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store in original packaging in a cool, dry place.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Dispose of film separately and distinctly from packaging. Offer film for recycling where available.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. 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 manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, all of which are beyond the control of VERDANT TECHNOLOGIES, LLC or its direct or indirect distributors. To the extent consistent with applicable law, Buyer and User agree to hold VERDANT and its distributors harmless from any claims relating to such factors.

VERDANT warrants that this product conforms to the chemical description on the label. To the extent consistent with applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of VERDANT or its distributors, and, (2) Buyer and User assume the risk of any such use. To the extent consistent with applicable law, VERDANT MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS EXPRESSLY WARRANTED BY THIS LABEL.

CR206 EPA Label [REDLINE]

EPA Reg. No. 93197-2

08-17-2024

110135/20180209

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To the extent consistent with applicable law, in no event shall VERDANT or its distributors be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF VERDANT AND ITS DISTRIBUTORS, FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF VERDANT OR ITS DISTRIBUTORS, THE REPLACEMENT OF THE PRODUCT.

VERDANT and its distributors offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of VERDANT.

#### Optional Marketing Claims

[Printed side faces away from product] [El lado impreso alejado del producto]

[This side facing produce] [Este lado hacia el producto]

[This side away from produce] [Este lado alejado del producto]

[This side down] [Este lado hacia abajo]

[This side towards produce] [Este lado hacia el producto]

[This side towards product] [Este lado hacia el producto]

[Extending] [Extended] [Extends] shelf-life  
[Prolonging] [Prolonged] [Prolongs] green color  
[Retaining] [Retains] [firmness] [and] [turgidity]  
[Reduce] [Reduces] shriveling  
[Reduce] [Reduces] weight [loss]  
[Replace] [Replaces] ice in the packing process  
[Reduce] [Reduces] [chilling] injury  
[Improve] [Improves] [vine] [and] [stem] health  
[Maintain] [Maintains] [cut-end] quality  
[Preserve] [Preserves] [interior] [quality]  
Greater marketability  
[Reduced] [Reduces] shatter  
[Protection] [Protects] from external sources of ethylene  
[Delayed] [Delays] [ripening] [and] [senescence]

CR206 EPA Label [REDLINE]

EPA Reg. No. 93197-2

08-17-2024

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