



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

August 7, 2020

Jonathan A. Janis  
Global Regulatory Director  
AgroFresh, Inc.  
3 Spring House Innovation Park, Suite 100  
Lower Gwynedd, PA 19002

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – Acceptable Addition of Alternate Brand Name, Revisions to the Directions for Use including Addition of Approved Crops, Mandatory Text, and Re-formatting of Text  
Product Name: EthylBloc Sachet  
EPA Registration Number: 71297-5  
Application Date: 02/26/2020  
OPP Decision Number: 560921

Dear Mr. Janis:

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

Alternate brand name: SmartFresh Inbox has been added to the registration, and our records have been updated accordingly. 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.

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 the U.S. Environmental Protection Agency (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

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EPA Reg. No. 71297-5  
OPP Decision No. 560921

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 false or misleading statements or claims substantially differing from the EPA-approved 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.

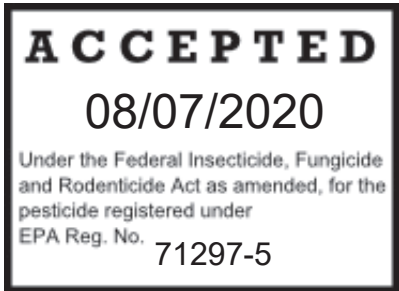
If you have any questions, please contact Alex Horansky by phone at (703) 347-0128 or via email at [Horansky.alex@epa.gov](mailto:Horansky.alex@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Andrew C. Bryceland". The signature is fluid and cursive, with the first name being the most prominent.

Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure



[Text in brackets is optional]

# EthylBloc<sup>®</sup> Sachet

[Protection [ornamental] [and] [fruit and vegetable] from the various effects of ethylene.]

[Alternate Brand Name: SmartFresh Inbox]

Active Ingredient:	%by WT.
1-Methylcyclopropene.....	0.014%
Other Ingredients:.....	99.986%
Total:.....	100.00%

## 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.)

[See[front][back][side][inside] panel for First Aid Instructions and [Leaflet][Booklet] for complete Precautionary Statements and Directions for Use.]

EPA Reg. No.71297-5  
EPA Establishment No.

[SUBLABEL A: COMMERCIAL ORNAMENTALS]

[Container label first page only; insert label all pages]

# EthylBloc Sachet

EthylBloc Sachet is a powder packaged inside a water-absorbing material that, when wetted, releases 1-MCP gas to extend the life and usefulness of many fresh cut flowers, potted flowers, bedding, nursery and foliage plants. Plants are treated with 1-MCP in flower boxes and shipping boxes. This product is intended for use only on ornamental, non-food crops. Do not use outdoors or in other non-enclosed areas.

**Active Ingredient:** 1-Methylcyclopropene..... 0.014%  
**Other Ingredients:**..... 99.986%  
**Total:** ..... 100.00%

## 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.)

[See[front][back][side][inside] panel for First Aid Instructions and [Leaflet][Booklet] for complete Precautionary Statements and Directions for Use.]

FIRST AID	
<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.</li><li>• 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 on skin or clothing</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15- 20 minutes.</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 by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<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 the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>POISON CONTROL CENTER 1-800-222-1222</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For general information on product use, etc., call the National Pesticides Information Center at 1-800-858-7378. For emergencies, call the poison control center 1-800-222-1222.	

Net Contents: Two hundred and fifty (250) 0.088 ounce (2.5 gram) sachets

Lot No.

110135/20180265

EPA Registration No.: 71297-5  
EPA Establishment No.:

EthylBloc is a registered trademark of AgroFresh, Inc.

AgroFresh Inc.  
510-530 Walnut Street, Suite 1350  
Philadelphia, PA 19106 USA  
1-866-206-1001

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators of this product must wear:

- Long-sleeved shirt and long pants.
- Chemical-resistant gloves made of any waterproof material.
- Shoes plus socks.
- Protective eyewear (such as goggles, safety glasses, or face shield).
- As a general precaution when exposed to a gas, for activities in enclosed areas wear a NIOSH approved respirator with an organic vapor cartridge with a combination N, R or P filter NIOSH approval prefix TC-84A; or a NIOSH approved gas mask with organic vapor canister NIOSH approval prefix TC-14G.

Applicators and handlers must follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been fogged or heavily contaminated with the concentrated product. Do not reuse them.

<p><b>USER SAFETY RECOMMENDATIONS:</b> Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing / PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 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.</p>
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## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation. 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.

## **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.

Do not enter enclosed areas containing boxes or containers with treated flowers or treated potted plants until the enclosed area has been vented unless wearing the appropriate PPE. Ventilation shall continue until after two hours 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 to enclosed 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 is:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear (such as goggles, safety glasses, or face shield)
- As a general precaution when exposed to a gas, for activities in enclosed areas wear a NIOSH approved respirator with an organic vapor cartridge with a combination N, R or P filter NIOSH approval prefix TC-84A; or a NIOSH approved gas mask with organic vapor canister NIOSH approval prefix TC-14G.

## 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 cut flowers in well ventilated areas. Do not enter enclosed areas containing boxes or containers with treated cut flowers 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
- Protective eyewear (such as goggles, safety glasses, or face shield)
- As a general precaution when exposed to a gas, for activities in enclosed areas wear a NIOSH approved respirator with an organic vapor cartridge with a combination N, R or P filter NIOSH approval prefix TC-84A; or a NIOSH approved gas mask with organic vapor canister NIOSH approval prefix TC-14G

## Product Information

EthylBloc Sachet can extend the life and usefulness of many fresh cut flowers and potted flowers, bedding, nursery and foliage plants. It works by inhibiting the negative effects of ethylene and thus prevents or reduces premature flower death, leaf and/or flower fall, and leaf yellowing.

EthylBloc Sachet is specifically designed to be used by all levels of the floral and nursery industries, including growers, shippers, wholesalers, bouquet manufacturers, mail-order houses and retailers (such as florists, garden centers, nurseries and mass-market outlets). Use on potted plants at the nursery is considered a WPS use. All other uses are considered WPA uses. EthylBloc Sachet is very easy to use with almost no labor costs.

EthylBloc Sachet treatment benefits many flowers and plants such as:

Achillea, Aconitum, Agapanthus, Alchemilla, Allium, Alstroemeria, Alyssum, Aphelandra, Aquilegia, Asclepias, Astrantia, Asparagus Fern, Azalea, Begonia, Bouvardia, Brassia (*Schefflera*), Brodiaea (*Triteleia*), Calathea, Campanula, Carnation, Celosia, Centaurea, Chamaedorea, Chelone, Coleus, Cordyline, Cymbidium, Crocosmia (*Montbretia*), Daucus (Queen Annes Lace), Delphinium, Dendrobium, Dianthus, Dicentra, Dizygotheca, Doronicum, Echium, Eremurus,

Eustoma (*Lisianthus*), Ficus, Freesia, Fuchsia, Geranium, Gladiolus, Godetia, Gypsophila, Hibiscus, Ilex (Holly), Impatiens, Ixia, Kalanchoe, Kniphofia, Lavatera, Lily, Lysimachia, Miniature Carnation, Monkshood, Pelargonium, Petunia, Philodendron, Phlox, Physostegia, Poinsettia, Radermachera, Rose, Rudbeckia, Salvia, Saponaria, Scabiosa, Silene, Snapdragon, Solidaster, Stock, Streptocarpus, Sweet William, Trachelium, Trollius, Veronica, Wax Flower, and Zygocactus.

To realize maximum benefits, treat plants whether or not they have been previously treated with EthylBloc Sachet or another anti-ethylene product. Shipments already treated with EthylBloc Sachet do not have to be retreated; however, retreating is not harmful and can even be beneficial. Some species that would likely benefit from additional applications include those with more than one flower per stem i.e. snapdragons, delphiniums, miniature carnations, and alstroemeria) and flowers at different stages of development on the same plant i.e. geraniums, impatiens, and azaleas).

**EthylBloc Sachet Application Method:**

Each EthylBloc Sachet contains two and a half grams of powder. The number of sachets to be used in a particular size box or container can be determined from the chart below by measuring the volume. To determine the volume, measure the length, width and height of the box or container in either feet or meters. Then multiply the length x width x height to get the volume in terms of cubic feet (ft<sup>3</sup>) or cubic meters (m<sup>3</sup>). Find the volume on the chart below and chose the number of sachets needed to treat that specific size box or container. For example, if the box is 2 feet long, 3 feet high, and 1 foot wide, the volume would be (2x3x1= 6) 6 ft<sup>3</sup>. From the chart below, four sachets would be needed to treat the box.

Box Volume (ft <sup>3</sup> )	Box Volume (m <sup>3</sup> )	Number of sachets to use per Box*
0 - 3	0 – 0.08	2
3 - 6	0.08 – 0.17	4
6 - 9	0.17 – 0.25	6
9 – 12	0.25 – 0.34	8
12 - 15	0.34 – 0.42	10

\* Box or container

To treat a box or container containing flowers or potted plants, determine the number of sachets, dip each of the sachets into clean water, place the wetted sachets into the box or container and immediately close the lid. Pre-cooling flaps should be closed when treatment is occurring. The box or container should remain closed during storage and shipping for at least 4 hours to ensure the flowers or plants 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.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

**NOTICE:** Before using this product, read the entire Precautionary Statements, Conditions of Sale and Warranty, Directions for Use, Use Restrictions and Storage and Disposal Instructions. If the Conditions of Sale and Warranty are not acceptable, return the product unused within thirty days of purchase to the place of purchase.

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

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 AGROFRESH INC. or its direct or indirect distributors. To the extent permitted by applicable law, Buyer and User agree to hold AGROFRESH and its distributors harmless from any claims relating to such factors.

AGROFRESH warrants that this product conforms to the chemical description on the label. To the extent permitted by 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 AGROFRESH or its distributors, and, (2) Buyer and User assume the risk of any such use. To the extent permitted by applicable law, AGROFRESH MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED IN THIS LABEL.

To the extent permitted by applicable law, in no event shall AGROFRESH or its distributors be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF AGROFRESH 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 AGROFRESH OR ITS DISTRIBUTORS, THE REPLACEMENT OF THE PRODUCT.**

AGROFRESH 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 AGROFRESH.

[SUBLABEL B: FRUITS AND VEGETABLES]

**AgroFresh**

## EthylBloc Sachet

[EthylBloc Sachet is a powder packaged as a sachet. The sachet allows the release of 1-MCP gas, which extends the shelf-life of many 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 this gas in shipping boxes.]

**Active Ingredient:** 1-Methylcyclopropene.....0.014%  
**Other Ingredients:**.....99.986%  
**Total:** ..... 100.00%

### 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.)

[See[front][back][side][inside] panel for First Aid Instructions and [Leaflet][Booklet] for complete Precautionary Statements and Directions for Use.]

FIRST AID	
If in eyes	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• 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>
If on skin or clothing	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15- 20 minutes.</li><li>• Call a poison control center or doctor for treatment advice</li></ul>
If inhaled	<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 by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If swallowed	<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 the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>POISON CONTROL CENTER 1-800-222-1222</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For general information on product use, etc., call the National Pesticides Information Center at 1-800-858-7378. For emergencies, call the poison control center 1-800-222-1222.	

Lot No.

110135/20180266

Net Contents: [100,] [250,][500,] [750,] [1000,] [1500,] [2000] Sachets per  
Package

Sachet Sizes	
Ounces	Grams
0.022	0.625
0.044	1.25
0.088	2.5

EPA Registration No.: 71297-5

EPA Establishment No.:

EthylBloc is a registered trademark of AgroFresh, Inc.

AgroFresh Inc.  
510-530 Walnut Street, Suite 1350  
Philadelphia, PA 19106 USA  
1-866-206-1001

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION.

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

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators of this product must wear:

- Long-sleeved shirt and long pants.
- Chemical-resistant gloves made of any waterproof material.
- Shoes plus socks.
- Protective eyewear (such as goggles, safety glasses, or face shield).

As a general precaution when exposed to a gas, for activities in enclosed areas wear a NIOSH approved respirator with an organic vapor cartridge with a combination N, R or P filter NIOSH approval prefix TC-84A; or a NIOSH approved gas mask with organic vapor canister NIOSH approval prefix TC-14G.

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

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation. 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.

### **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.

PPE required for early entry to enclosed 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 is:

- Long-sleeved shirt and long pants.
- Chemical-resistant gloves made of any waterproof material.
- Shoes plus socks.
- Protective eyewear (such as goggles, safety glasses, or face shield).
- As a general precaution when exposed to a gas, for activities in enclosed areas wear a NIOSH approved respirator with an organic vapor cartridge with a combination N, R or P filter NIOSH approval prefix TC-84A; or a NIOSH approved gas mask with organic vapor canister NIOSH approval prefix TC-14G.

### **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.
- Protective eyewear (such as goggles, safety glasses, or face shield).
- As a general precaution when exposed to a gas, for activities in enclosed areas wear a NIOSH approved respirator with an organic vapor cartridge with a combination N, R or P filter NIOSH approval prefix TC-84A; or a NIOSH approved gas mask with organic vapor canister NIOSH approval prefix TC-14G.

### Product Information

EthylBloc Sachet 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 senescence of fruits and vegetables.

EthylBloc Sachet is specifically designed to be used by all levels of the fruit and vegetable industries, including growers, shippers, wholesalers, mail-order houses and retailers. EthylBloc Sachet is very easy to use with almost no labor costs.

EthylBloc Sachet treatment benefits the following fruits and vegetables:

**[BRASSICA LEAFY VEGETABLES (Crop Group 5):\*]** Broccoli[\*]; Broccoli, Chinese[\*]; Broccoli raab[\*]; Brussels sprouts[\*]; Cabbage[\*]; Cabbage, Chinses (bok choy) [\*]; Cabbage, Chinese (napa) [\*]; Cabbage, Chinses mustard[\*]; Cauliflower[\*]; Cavalo broccoli[\*]; Collards[\*]; Kale; Kohlrabi[\*]; Mustard Greens[\*]; Mustard Spinach[\*]; Rape Greens[\*].

**[CUCURBIT VEGETABLES (Crop Group 9): \*]** Melon: Cantaloupe[\*], Citron melon [\*], Honeydew[\*], Muskmelon[\*] and Watermelon; Cucumber[\*]; Gherkin[\*]; Summer Squash[\*].

**[FRUITING VEGETABLE (EXCEPT CUCURBIT) (Crop Group 8): \*]** Pepper [\*] (Bell and Nonbell)[\*]; Tomato [\*]

**[LEAFY VEGETABLES (EXCEPT BRASSICA VEGETABLES) (Crop Group 4):\*]** Amaranth (leafy amaranth, Chinese spinach, tampala) [\*]; Arugula[\*]; Cardoon[\*]; Celery[\*]; Celery, Chinese[\*]; Celtuce[\*]; Chrysanthemum, edible-leaved[\*]; Chrysanthemum, garland[\*]; Corn salad[\*]; Cress, garden[\*]; Cress, upland[\*]; Dandelion[\*]; Dock[\*]; Endive[\*]; Fennel, Florence[\*]; Lettuce, Head and Leaf[\*]; Orach[\*]; Parsley[\*]; Purslane, garden[\*]; Purslane, winter[\*]; Radicchio[\*]; Rhubarb[\*]; Spinach[\*]; Spinach, New Zealand[\*]; Spinach, vine[\*]; Swiss chard[\*].

**[POME FRUIT (Crop Group 11):\*]** Apple[\*]; Azarole[\*]; Crabapple[\*]; Loquat[\*]; Mayhaw[\*]; Pear[\*]; Pear, Asian [\*]; Quince [\*]; Quince, Chinese [\*]; Quince, Japanese [\*]; Tejocote[\*].

**[STONE FRUIT (Crop Group 12-12A):\*]** Capulin[\*]; Cherry, black[\*]; Cherry, Nanking [\*]; Cherry, sweet [\*]; Cherry, tart [\*].

**[STONE FRUIT (Crop Group 12-12B):\*]** Peach[\*]; Nectarine[\*]

**[STONE FRUIT (Crop Group 12-12C):\*]** Apricot[\*]; Apricot, Japanese[\*]; Jujube, Chinese[\*]; Plum[\*]; Plum, American[\*]; Plum, beach[\*]; Plum, Canada[\*]; Plum, cherry[\*]; Plum, Chickasaw[\*]; Plum, Damson[\*]; Plum, Japanese[\*]; Plum, Klamath[\*]; Plumcot[\*]; Plum, prune[\*]; Sloe[\*];

**Kiwifruit; Avocado[\*], Persimmon[\*]**

[\* Not for use in California]

To realize maximum benefits, treat fruits and vegetables whether or not they have been previously treated with another anti-ethylene product. Shipments already treated with EthylBloc Sachet do not have to be retreated; however, retreating is not harmful and can even be beneficial.

**EthylBloc Sachet Application Method:**

EthylBloc Sachet comes in three sizes. The number of sachets to be used in a particular size box or container can be determined from the table below by the weight of fruits or vegetables the box is rated to hold. For example, if the box is designated for 45 pounds of fruit, four 0.022 ounce sachets or two 0.044 ounce sachets or one 0.088 sachet can be used to treat the fruit in the box.

Number of EthylBloc Sachet 0.022 (625mg) Selection:

lb of fruit per Box	kg of fruit per Box	Number of sachets to use per Box*
10 – 20	4.5 – 9.0	1-2
20.1 - 40	9.1 – 18	2-4
40.1 – 60	18.1 – 27	3-6
60.1 – 80	27.1 – 36	4-8
80.1 – 100	36.1 – 45	5-10

Number of EthylBloc Sachet 0.044oz (1250mg) Selection:

lb of fruit per Box	kg of fruit per Box	Number of sachets to use per Box*
20 – 40	9.0 – 18	1-2
40.1 - 80	18.1 – 36	2-4
80.1 – 120	36.1 – 54	3-6
120.1 – 160	54.1 – 72	4-8
160.1 – 200	72.1 – 90	5-10

Number of EthylBloc Sachet 0.088oz (2500mg) Selection:

lb of fruit per Box	kg of fruit per Box	Number of sachets to use per Box*
40 – 80	18 – 36	1-2
80.1 - 160	36.1 – 72	2-4
160.1 – 240	72.1 – 108	3-6
240.1 – 320	108.1 – 145	4-8
320.1 – 400	145.1 – 180	5-10

\* The higher number of sachets in the range yields the higher dosage and is preferred for longer lasting results and in some cases broader spectrum control. For best results, use a non-perforated plastic liner inside the box and then pack out fruit or vegetable. Then dip each of the sachets into clean water, place the sachets inside the liner in the box, immediately fold the liner and close the lid. The plastic liner and box or container should remain closed during storage and shipping for at least 24 hours to ensure the fruits or vegetables have received an effective treatment.

**Restrictions:** Do not open sachets. Use sealed sachets only. Do not smoke while handling sachet.

## 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.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

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