78934-2_book art.qxp_layout 5/28/19 3:23 PM Page 1

g) Exit the treatment room immediately and promptly close the doors and ensure they are tightly sealed in order to contain the SmartFresh™ and ensure its maximum efficacy. The release of SmartFresh™ to the area will start several minutes after addition of the SmartTabs to the Activator Solution.

h) Circulate air in the room by means of the internal air circulation system for AT LEAST one (1) hour.

i) Do not open the doors for AT LEAST twelve (12) hours for avocado, banana, broccoli, kiwifruit, melon, persimmon and tomato, fifteen (15) hours for Asian pear, twenty four (24) hours for apple, nectarine, peach, pear, plum, plumcot and apricot.

j) For controlled atmosphere storage containers or storage rooms, do not change the room atmosphere to controlled atmosphere conditions for AT LEAST twenty four (24) hours.

Step 5: Reentry To The Storage Area

At the end of the SmartFresh™ treatment period, vent the treated room by opening the doors for a minimum of thirty minutes with continued full internal ventilation before allowing workers to enter. At the end of the room venting, remove the SmartFresh™ Activator Solution and dispose of it as non-hazardous waste on-site or at an approved waste disposal facility. Store treated commodities not intended for immediate sale according to standard commercial practices, in either refrigerated air or controlled atmosphere conditions.

Restrictions

Do not split tablets. Use whole tablets only.

Do not smoke during the SmartFresh™ application.

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 must be disposed of on site or at an approved waste disposal facility.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse of equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY AND DISCLAIMER

AgroFresh Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. AgroFresh Inc. **MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE.** Handling, storage and use of the product by Buyer or User are beyond the control of AgroFresh Inc. and Seller. To the extent permitted by applicable law, risks such as crop injury, ineffectiveness or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property, or failure to follow label directions will be assumed by the Buyer or User. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, AgroFresh Inc. OR SELLER SHALL NOT BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.**

SmartFresh™ is a registered trademark of AgroFresh, Inc.

U.S. Patents 6,762,153

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

SmartFresh™ SmartTabs	AgroFresh Inc. 510-530 Walnut Street, Suite 1350 Philadelphia PA 19106 Tel: (866) 206-1001

Protects harvested fruit and vegetables from the various effects of ethylene.

Active Ingredient:
1-Methylcyclopropene.....0.63%
Other Ingredients:.....99.37%
Total: 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

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 and its generating system unopened and unused within thirty days of purchase to the place of purchase.

FIRST AID	
If inhaled	• Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.
If on skin or clothing	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15- 20 minutes. • Call a poison control center or doctor for treatment advice
If in eyes	• 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.
If swallowed	• Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
POISON CONTROL CENTER 1-800-222-1222	
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.	

EPA REGISTRATION NO. 71297-3
EPA EST. NO. 71297-WA-1

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Net Contents:

Tablets	Ounces	Grams		Tablets	Ounces	Grams
1	0.044	1.25		16	0.704	20
2	0.088	2.5		17	0.748	21.25
3	0.132	3.75		18	0.792	22.5
4	0.176	5		19	0.836	23.75
5	0.22	6.25		20	0.88	25
6	0.264	7.5		21	0.924	26.25
7	0.308	8.75		22	0.968	27.5
8	0.352	10		23	1.012	28.75
9	0.396	11.25		24	1.056	30
10	0.44	12.5		25	1.1	31.25
11	0.484	13.75		26	1.144	32.5
12	0.528	15		27	1.188	33.75
13	0.572	16.25		28	1.232	35
14	0.616	17.5		29	1.276	36.25
15	0.66	18.75		30	1.32	37.5

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes slight eye irritation. Harmful if absorbed through skin. Harmful if inhaled. Harmful if swallowed. Avoid contact with skin, eyes 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
- Shoes plus socks
- Safety glasses or goggles

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

User Safety Recommendations

- 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.

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).

REI: Thirty (30) minutes

Do not enter enclosed areas until the enclosed area has been vented unless wearing the appropriate PPE. Ventilation shall continue until after thirty (30) minutes of ventilation using fans or other mechanical ventilating systems.

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
- 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.

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 State or Tribal Agency responsible for pesticide regulation. All applicable directions, restrictions, precautions and conditions of sale and warranty are to be followed. This labeling must be in the user's possession during application.

PRODUCT INFORMATION

SmartFresh™ is a unique postharvest tool for counteracting many of the undesirable effects of both internal (produced within the plant) and external sources of ethylene on fruit and vegetables. By counteracting ethylene, SmartFresh™ provides many benefits to fruit and vegetables during transport and storage including:

- Maintaining firmness
- Maintaining titratable acidity
- Preventing superficial scald and soft scald on apples
- Reducing internal ethylene production
- Protection from external sources of ethylene
- Reducing respiration
- Delaying ripening and senescence
- Reducing incidence of peel greasiness in apples
- Reducing incidence of core flush and mealiness in apples
- Reducing chilling injury

SmartFresh™ is used immediately after harvest, prior to storage, prior to shipment or just prior to sale. SmartFresh™ is effective under both cool (below 55°F, 13°C) and warm (above 55°F, 13°C) temperature conditions. To realize maximum benefit in controlling senescence, treat fruits and vegetables as soon as possible after harvest.

Harvested fruit and vegetables must be exposed to the volatile active ingredient of SmartFresh™ in enclosed areas, such as storage rooms, coolers, shipping containers, enclosed truck trailers, or ambient temperature, refrigerated, or controlled atmosphere food storage facilities. This product is not intended for use outdoors or in other non-enclosed areas. These enclosed treatment areas must be gas tight as leakage will reduce SmartFresh™'s effectiveness.

Fruit And Vegetables

Storage Conditions

SmartFresh™ is compatible with and complementary to both controlled atmosphere and regular air fruit and vegetable storage conditions. SmartFresh™ must be used in air tight storage areas.

Timing of Application

SmartFresh™ is added to the storage area containing fruit or vegetables immediately after harvest, upon entering storage, during distribution or in transit. For best results, do not use with fruit previously treated with Ethephon. After application, fruit or vegetables not for immediate sale must be stored according to good standard commercial practices. Fruit and vegetables may benefit from repeat application, such as when the crop has been exposed to ethylene. It must be emphasized that keeping the fruit and vegetables cool at all times and strict adherence to phytosanitary practices remain essential in maintaining safe and high quality fruit and vegetables.

Apples: Apply SmartFresh™ soon after harvest. Best results are obtained when fruit is at the optimum maturity level for long term storage. For optimum quality, store apples that are to be held longer than six months in a controlled atmosphere.

Avocados: Apply SmartFresh™ to the fruit soon after harvest at the physiological maturity stage or just prior to the "turning black" stage. Only one application to the same fruit.

Bananas: Apply SmartFresh™ after the bananas have been exposed to ethylene and prior to reaching color stage 4.

Broccoli: Apply SmartFresh™ as soon after harvest as possible.

Kiwifruit: Apply SmartFresh™ either as soon after harvest as possible or after long term storage and before the fruit are transported and distributed.

Melons: Apply SmartFresh™ as soon after harvest as possible.

Persimmons: Apply SmartFresh™ as soon after harvest as possible.

Tomatoes: Apply SmartFresh™ between color stage mature green (Color Stage 1) and light red (Color Stage 5).

Pears, Asian pears: Apply SmartFresh™ as soon after harvest as possible.

Peaches, nectarines, plums, plumcots, and apricots: Apply SmartFresh™ either as soon after harvest as possible or after long term storage and before the fruit are transported and distributed.

Application Method and Rate

Prior to application, ensure that the treatment area can be properly and promptly sealed following application. SmartFresh™ SmartTabs are used in conjunction with the SmartFresh™ Activator Kit. SmartFresh™ SmartTabs are **Green** tablets that, when mixed with **Blue** Activator Tablets in a proprietary Activator Solution, release the volatile active ingredient 1-methylcyclopropene (1-MCP). Make sure that you have a sufficient supply of both SmartFresh™ SmartTabs and SmartFresh™ Activator Kits available to treat your selected treatment area.

Step 1: Selection of the appropriate number of SmartTabs and SmartTab Activator Kits for use

a.) Accurately determine the volume of the EMPTY treatment area in cubic feet. Multiply inside dimensions: volume = length X width X height. For example, if the treatment area is 10 feet high x 20 feet long x 12 feet wide, the treatment volume would be 10 x 20 x 12 = 2400 cubic feet.

b.) Choose the correct number of **Green** SmartFresh™ SmartTabs according to the size of the area and the commodity to be treated as follows.

Apple, Asian pear, avocado, broccoli:
Use one GREEN tablet per 120 cubic feet of treatment area

Pear: Use one GREEN tablet per 200 cubic feet of treatment area

Melon, tomato, kiwifruit, persimmon, peach, nectarine, plum, plumcot, apricot:
Use one GREEN tablet per 240 cubic feet of treatment area

Bananas: Use one GREEN tablet per 380 cubic feet of treatment area
For stressed bananas: increase dose up to a maximum of one GREEN tablet per 120 cubic feet of treatment area

Never use more than ten (10) **Green** SmartFresh™ SmartTabs per activator kit. If more than ten (10) **Green** SmartFresh™ SmartTabs are needed, you must divide them among two (2) or more SmartFresh™ Activator Kits. Each Kit activates up to 10 SmartFresh™ SmartTabs only.

Always use two (2) Blue tablets for EACH Activator Kit.

Step 2. Evaluation Of The Quality Of The Treatment Room / Trailer / Container

To be used with SmartFresh™, rooms/containers/trailers must be gas tight and have an internal fan for mixing the atmosphere.

Check that:

- All room/trailer/container drain holes are plugged
- There are no holes in the walls, ceiling, or floor
- All vents to outside air are closed
- When viewed from a dark interior, no outside light is visible
- Door seals are in EXCELLENT condition

  No missing rubber — No large cracks
  No plastic slat doors — No roller top doors
  No side doors
- Scrubbers and/or ozone generators are off

Step 3: Fill the treatment room with the fruit or vegetables, to be treated

Step 4: Release of 1-MCP

a) Remove the pack of two (2) Blue SmartFresh™ Activator Tablets from the foam block. **Always use both Blue tablets.**

b) Remove the appropriate number of **Green** SmartTabs from the SmartFresh™ SmartTabs Package.

c) Peel off the foil seal from the SmartFresh™ Activator Solution taking care not to spill the solution.

d) Add both the **Blue** and **Green** Tablets to the Activator Solution.

e) Replace the cap.

f) Place the small container on a level surface e.g. in the bottom gap of the pallet. Keep the container upright.

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SmartFresh™ SmartTabs	AgroFresh Inc. 510-530 Walnut Street, Suite 1350 Philadelphia PA 19106 Tel: (866) 206-1001

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