



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

February 7, 2025

Robert J. Kiefer
General Manager
Reach24H USA Inc.
11921 Freedom Drive, Suite 550
Reston, VA 20190

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – Adding additional fruits and vegetables to be treated on the product label.
Product Name: Log Fresh
EPA Registration Number: 94785-1
EPA Receipt Date: 03/10/2024
Action Case Number: 00557426

Dear Robert J. Kiefer:

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.

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. 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

Page 2 of 2

EPA Reg. No. 94785-1

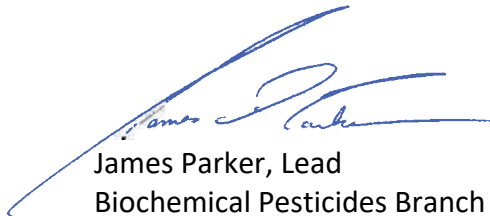
Action Case No. 00557426

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 any questions, please contact Menyon Adams by phone at (202) 566-1604 or via email at adams.menyon@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "James Parker", is written over the typed name and title.

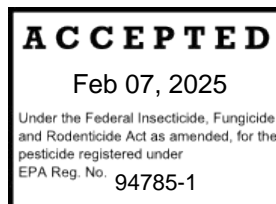
James Parker, Lead
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511M)
Office of Pesticide Programs

Enclosure

[Text in brackets [] indicates optional language or language intended for explanatory purposes to facilitate label review. Thus, this language will often not appear on final printed labeling. Also, this page is present to delineate sublabels and will not appear on the final printed labeling]

LOGFRESH

MASTER LABEL



Sublabel I: Using a bucket generator for application

Sublabel II: For use on apple and kiwifruit using a proprietary generator equipped with air pumps

ACTIVE INGREDIENT:

1-Methylcyclopropene
3.3%

OTHER INGREDIENTS:
96.7%

TOTAL:
100.0%

CAUTION

KEEP OUT OF REACH OF CHILDREN

FIRST AID	
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 by mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • 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:	<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.
If Swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip one or two glasses 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.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

EPA REGISTRATION NO. 94785-1

EPA EST. NO. 94785-CHN-1

Manufactured by:

Net Weight:

SHANDONG AOWEITE BIOTECHNOLOGY CO., LTD.
No.87 Fuyang Street,
Jibei Development District, Jinan, Shandong,
251400 China

Batch No.:

[SUBLABEL I]

LOGFRESH

ACTIVE INGREDIENT:

1-Methylcyclopropene
3.3%

OTHER INGREDIENTS:
96.7%

TOTAL:
100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

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Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

EPA REGISTRATION NO. 94785-1

EPA EST. NO. 94785-CHN-1

Manufactured by:
SHANDONG AOWEITE BIOTECHNOLOGY CO., LTD.
No.87 Fuyang Street,
Jibei Development District, Jinan, Shandong,
251400 China

Net Weight:

[0.00017 oz. (0.005 g)/bag×200 bags	0.005 oz. (0.15 g)/bag×200 bags	0.021 oz. (0.6 g)/bag×100 bags	0.35 oz. (10 g)/bag×5 bags
		0.028 oz. (0.8 g)/bag×100 bags	0.53 oz. (15 g)/bag×5 bags
0.0003 oz. (0.01 g)/bag×200 bags	0.007 oz. (0.2 g)/bag×100 bags	0.035 oz. (1 g)/bag×10 bags	0.7 oz. (20 g)/bag×5 bags
0.0005 oz. (0.015 g)/bag×200 bags	0.011 oz. (0.3 g)/bag×100 bags	0.07 oz. (2 g)/bag×10 bags	1.8 oz. (50 g)/bag×2 bags
	0.014 oz. (0.4 g)/bag×100 bags	0.18 oz. (5 g)/bag×10 bags	3.5 oz. (100 g)/bag×1 bag]
	0.018 oz. (0.5 g)/bag×100 bags		

Batch No.:

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Avoid breathing vapor. Wash thoroughly with soap and water after handling. 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
- Chemical-resistant gloves made of any waterproof material
- 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.

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.

LOGFRESH is a powder that, when mixed with water in an appropriate application system the volatile active ingredient 1-methylcyclopropene (1-MCP) will be released.

APPLICATION METHOD

The fruit ready to store should be timely harvest. Apple should be 80% to 90% mature. After harvest, the fruit should use this product as soon as possible.

Apples: Apply LOGFRESH 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 LOGFRESH to the fruit soon after harvest at the physiological maturity stage or just prior to the “turning black” stage.

Broccoli, melons, mangoes, papayas, pears: Apply LOGFRESH as soon after harvest as possible.

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

Tomatoes: Apply LOGFRESH between color stage mature green (color stage 1) and light red (color stage 5).

Plums: Apply LOGFRESH either as soon after harvest as possible or after long-term storage and before the fruit are transported and distributed.

Asparagus, basil, blueberries, cherries, figs, flowers (cut), grapes (table), green beans, kale, lettuce, lychee, onions, peppers: Apply LOGFRESH as soon after harvest as possible.

The fruit must be used in a confined space; fresh fruit must be barely put. If with the lining bag, there should be a suitable number of holes in order to facilitate the 1-MCP gas into contact with the fruit.

Treatment procedures in cold storage.

1. Before using this product, please confirm that the storage room can be closed timely and adequately, and confirm that there are no obvious cracks and holes in the storage room. If there is any leak in the treatment, prepare a temporary seal before use the 1-MCP, make sure that the door is closed, observe the frost drain, air pipe, safety valve and other locations.
2. After putting fruit in storage, quickly dropping the fruit core temperature to 2 ~ 4 °C. 1-methylcyclopylene fumigation treatment should be carried out at a fruit core temperature of 2 °C.
3. According to the volume of cold storage, calculate the appropriate amount of 1-MCP (according to the table below) and hot water (>90 °C), the amount of hot water should be at least 20 times of the amount of 1-MCP. (Or, use room temperature water with a mixing ratio greater than 1:100) Excess water may be added for stirring convenience or keeping the water temperature.

Crop to be treated	Treatment Time Duration for Specified Crop (hours)	Rate
Apple	24	35~70 mg LOGFRESH/m ³
Kiwifruit	12	17.5~35 mg LOGFRESH/m ³

Crop to be treated	RATE*per 1000 ft ³		Restriction
	Ounces	Grams	
Asparagus, Avocado, Basil, Blueberry, Broccoli, Cherry,	0.051-0.067	1.4-1.9	Do not apply more than 0.067 ounces LOGFRESH /1000 ft ³ (1.9grams/1000ft ³)

Fig, Flowers(cut), Grape (Table), Green Bean, Kale, Lettuce, Lychee, Onion, Pepper			
Pear	0.02-0.04	0.58-1.2	
Mango, Melon, Papaya, Peach, Plum, Tomato	0.031-0.034	0.87-0.96	
Banana	0.017-0.020	0.48-0.58	

*Use the large (2-gallon capacity) generator for amounts greater than 0.63 ounces (18 grams) of powder. It is best to use multiple generators for more than two pouches.

The following quantities of LOGFRESH will treat the given volumes at the level of 16.95 mg LOGFRESH/m³:

LOGFRESH (g)	Minimum Amount of Hot Water Added (mL)		Area Treat at 16.95 mg LOGFRESH/m ³	
	mL	ounce	Cubic Meter (m ³)	Cubic feet (ft ³)
0.2	4	0.135	11.8	417
0.5	10	0.338	29.5	1042
1	20	0.676	59.0	2085
2	40	1.35	118	4169
5	100	3.38	295	10424
10	200	6.76	590	20847
15	300	10.14	885	31271
20	400	13.53	1180	41694
50	1000	33.81	2950	104235
100	2000	67.63	5900	208470

The following quantities of LOGFRESH will treat the given volumes at the level of 20.48 mg LOGFRESH/m³:

LOGFRESH (g)	Minimum Amount of Hot Water Added (mL)		Area Treat at 20.48 mg LOGFRESH/m ³	
	mL	ounce	Cubic Meter (m ³)	Cubic feet (ft ³)
0.2	4	0.135	9.8	345
0.5	10	0.338	24.4	863
1	20	0.676	48.8	1725
2	40	1.35	97.7	3451
5	100	3.38	244	8627
10	200	6.76	488	17254

15	300	10.14	732	25881
20	400	13.53	977	34508
50	1000	33.81	2441	86269
100	2000	67.63	4883	172538

The following quantities of LOGFRESH will treat the given volumes at the level of 30.72 mg LOGFRESH/m³:

LOGFRESH (g)	Minimum Amount of Hot Water Added (mL)		Area Treat at 30.72 mg LOGFRESH/m ³	
	mL	ounce	Cubic Meter (m ³)	Cubic feet (ft ³)
0.2	4	0.135	6.5	230
0.5	10	0.338	16.3	575
1	20	0.676	32.6	1150
2	40	1.35	65.1	2301
5	100	3.38	163	5751
10	200	6.76	326	11503
15	300	10.14	488	17254
20	400	13.53	651	23005
50	1000	33.81	1628	57513
100	2000	67.63	3255	115025

The following quantities of LOGFRESH will treat the given volumes at the level of 33.90 mg LOGFRESH/m³:

LOGFRESH (g)	Minimum Amount of Hot Water Added (mL)		Area Treat at 33.90 mg LOGFRESH/m ³	
	mL	ounce	Cubic Meter (m ³)	Cubic feet (ft ³)
0.2	4	0.135	5.9	208
0.5	10	0.338	14.7	521
1	20	0.676	29.5	1042
2	40	1.35	59.0	2085
5	100	3.38	147	5212
10	200	6.76	295	10424
15	300	10.14	442	15635
20	400	13.53	590	20847
50	1000	33.81	1475	52118
100	2000	67.63	2950	104235

The following quantities of LOGFRESH will treat the given volumes at the level of 42.38 mg LOGFRESH/m³:

LOGFRESH (g)	Minimum Amount of Hot Water Added (mL)		Area Treat at 42.38 mg LOGFRESH/m ³	
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	mL	ounce	Cubic Meter (m³)	Cubic feet (ft³)
0.2	4	0.135	4.7	167
0.5	10	0.338	11.8	417
1	20	0.676	23.6	834
2	40	1.35	47.2	1668
5	100	3.38	118	4169
10	200	6.76	236	8338
15	300	10.14	354	12507
20	400	13.53	472	16676
50	1000	33.81	1180	41689
100	2000	67.63	2360	83378

The following quantities of LOGFRESH will treat the given volumes at the level of 49.44 mg LOGFRESH/m³:

LOGFRESH (g)	Minimum Amount of Hot Water Added (mL)		Area Treat at 49.44 mg LOGFRESH/m³	
	mL	ounce	Cubic Meter (m³)	Cubic feet (ft³)
0.2	4	0.135	4.0	143
0.5	10	0.338	10.1	357
1	20	0.676	20.2	715
2	40	1.35	40.5	1429
5	100	3.38	101	3574
10	200	6.76	202	7147
15	300	10.14	303	10721
20	400	13.53	405	14294
50	1000	33.81	1011	35736
100	2000	67.63	2023	71472

The following quantities of LOGFRESH will treat the given volumes at the level of 67.10 mg LOGFRESH/m³:

LOGFRESH (g)	Minimum Amount of Hot Water Added (mL)		Area Treat at 67.10 mg LOGFRESH/m³	
	mL	ounce	Cubic Meter (m³)	Cubic feet (ft³)
0.2	4	0.135	3.0	105
0.5	10	0.338	7.5	263
1	20	0.676	14.9	527
2	40	1.35	29.8	1053
5	100	3.38	74.5	2633
10	200	6.76	149	5266
15	300	10.14	224	7899

20	400	13.53	298	10532
50	1000	33.81	745	26331
100	2000	67.63	1490	52661

4. Use a suitable size plastic bucket as a generator, placed in a good air circulation position. Before operators enter the cold storage, turn off the ethylene, CO₂ removal machine and ozone generator. The operator should wear respiratory mask, protective clothing and latex gloves. After the operators enter the cold storage, close the storage door, add appropriate amount of water at a temperature higher than 90 degrees Centigrade (194 degrees Fahrenheit) in the plastic bucket, then add 1-MCP product and stir for 2-5 min until its complete dissolution, this time the 1-MCP gas has already released.
5. After the application, the operator must immediately leave and quickly close the storage door. During the fumigation process, it is necessary to keep the cold storage in a sealed state, and personnel are prohibited from entering.
6. The doors to the storage area should remain sealed for the following periods of time to ensure effective Logfresh treatment.
Asparagus, basil, blueberries, cherries, figs, flowers (cut), grapes (table), green beans, kale, lettuce, lychee, onions, peach, pears, peppers, plum -24 hours.
Avocado, banana, broccoli, melons, mango, papaya and tomato -12 hours.
7. During the treatment, open the fan to insure good air circulation within the room. During this period, keep the temperature inside the storage room below 4 ° C.
8. After the treatment, open both the fan and the door for at least 30 min to remove any possible gas residue.
Restricted Entry Interval (REI): Do not enter room until 30 minutes after room has been vented.

RESTRICTIONS

- Restricted Entry Interval (REI): 30 minutes after room has been vented
- Do not smoke during application of LOGFRESH

STORAGE AND DISPOSAL

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

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:

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Dispose of empty outer foil package in trash. Triple rinse the generator with water after use.

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[SUBLABEL II]

LOGFRESH

ACTIVE INGREDIENT:

1-Methylcyclopropene
3.3%

OTHER INGREDIENTS:
96.7%

TOTAL:
100.0%

EPA REGISTRATION NO. 94785-1

EPA EST. NO. 94785-CHN-1

Manufactured by:

SHANDONG AOWEITE BIOTECHNOLOGY CO., LTD.

No.87 Fuyang Street,

Jibei Development District, Jinan, Shandong,

251400 China

KEEP OUT OF REACH OF CHILDREN

CAUTION

[See [attached] [booklet] [panel] for First Aid, additional Precautionary Statements, Directions for Use, and Storage and Disposal Statements.]

FIRST AID	
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 by mouth-to-mouth, if possible.• Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none">• 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:	<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.
If Swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip one or two glasses 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.
<p style="text-align: center;">HOT LINE NUMBER</p> <p>Have the product container or label with you when calling a poison control center or doctor or going for treatment.</p>	

[For MEDICAL Emergencies call 24 hours a day 1-888-271-4649; For TRANSPORT Emergencies call 24 hours a day 1-800-424-9300]

Net Weight:

Batch No.:

PRECAUTIONARY STATEMENTS **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Avoid breathing vapor. Wash thoroughly with soap and water after handling. 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
- Chemical-resistant gloves made of any waterproof material

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.

USER SAFETY RECOMMENDATIONS:

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- User should remove PPE immediately after handling this product. Wash 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.

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.

GENERAL INFORMATION

LOGFRESH is a powder that, when mixed with water in a proprietary delivery device provided releases the volatile active ingredient 1-Methylcyclopropene (1-MCP).

LOGFRESH is a postharvest tool for counteracting undesirable effects of both internal (produced within the fruit and vegetables) and external sources of ethylene on harvested fruit and vegetables. By counteracting ethylene, LOGFRESH provides the following benefits to the treated fruit and vegetables during storage and transport:

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

LOGFRESH can be used immediately after harvest, prior to storage, prior to shipment and/or just prior to sale.

LOGFRESH 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, product must be applied as soon as possible and/or within 2 weeks after harvest.

Harvested fruits and vegetables must be exposed to the volatile active ingredient of LOGFRESH in enclosed storage rooms, greenhouses, coolers, shipping containers, enclosed truck trailers, or ambient temperature, refrigerated, or controlled atmosphere food storage facilities. **Do not use this product outdoors or in other non-enclosed areas.** Enclosed treatment areas must be gas tight as leakage will reduce LOGFRESH's effectiveness.

Fruit and Vegetable Storage Conditions

LOGFRESH is compatible with and complementary to fruit and vegetables stored under both controlled atmosphere and regular air fruit storage conditions. LOGFRESH must be used in air-tight treatment areas.

Timing of Harvest and Application

Add LOGFRESH to the treatment area containing fruit and vegetables immediately after harvest, upon entering storage or in transit. Do not use with fruit or vegetables previously

treated with Ethephon. To realize maximum benefit for optimum quality, fruit need to be pre-cooled promptly and treated with LOGFRESH as soon after harvest as possible and before the climacteric peak of respiration has occurred. Best results from LOGFRESH are obtained with fruit and vegetables at the optimum maturity level for long term storage. After application, store fruit and vegetables not for immediate sale according to good standard commercial practices, in either refrigerated air or controlled atmosphere. Store fruit to be held longer than 6 months in a controlled atmosphere.

Maintaining the cold chain (keeping the fruit and vegetables cool at all times) and strict adherence to phytosanitary practices is essential in maintaining safe and high-quality fruit and vegetables. See Table 1 below for optimum application timing of LOGFRESH and appropriate length of treatment time per crop.

Table 1: Optimum LOGFRESH application timing and length of treatment time

Crop	Time of Application	LOGFRESH Treatment Time
Apple	As soon and/or within 2 weeks after harvest, and/or after long term storage and/or prior transport and distribution	24 hours
Kiwifruit		12 hours

APPLICATION METHOD

Prior to application, ensure that the treatment area can be properly and promptly sealed following application.

LOGFRESH is applied using a Proprietary Delivery Device equipped with air pump(s) provided. Fill treatment area with fruit and vegetables. Place the appropriate number of delivery devices on a stable surface in the treatment area within the air flow from the internal refrigeration system. Add 2 gallons (8 liters) of potable water to the device. The water temperature must be approximately 20 degrees to 40 degrees Centigrade (68 to 104 degrees Fahrenheit). Add approximately 0.25 ounces (5-10 ml) defoamer to the water contained in the delivery device, if needed. Prepare air pumps by securing one end of the tubing to the pump outlet(s) and the other end to the bubbling stone(s). Turn on the air pump(s) and place the bubbling stone(s) into the delivery device. Make sure bubbles are being generated and the stone(s) is on the bottom of the delivery device. If the treatment area requires the use of multiple delivery devices repeat these steps for each device.

Consult Table 2 below to determine the number of LOGFRESH pods required for the treatment area. Selection 10 of appropriate number of pods is based on the volume of treatment area. Calculate the treatment area volume by measuring the length, width and height of the treatment area in feet. Multiply these three numbers together to obtain the treatment area volume in cubic feet. For example, if a room is 4 feet wide, 50 feet long and 5 feet high, the treatment area volume equals 1,000 cubic feet. To determine the amount of LOGFRESH powder, multiply the treatment volume by the rate shown in Table 2 for the selected crop and use the pods that correspond to the calculated amount.

Table 2. Selection of Appropriate Number of LOGFRESH Pods

Crop	RATE per 1,000 ft ³ [*]		RATE per m ³ [*]	Restriction
	ounces	grams	grams	
Apple	0.051 - 0.067	1.4 – 1.9	51-67	Do not apply more than 0.067 ounces/1,000 ft ³ (1.9 grams/1,000 ft ³) (67 g/m ³)
Kiwifruit	0.031– 0.034	0.87 – 0.96	31-34	

[* Each LOGFRESH pod contains ounces (.... grams) of 1-MCP powder.]

[* Each LOGFRESH pod contains sufficient 1-MCP powder to treat ft³ at a rate of ounces/1,000 ft³ (grams/1,000 ft³) (grams/m³)]

Remove the appropriate number of LOGFRESH pods from the protective foil packet and drop pods into the water contained in the device. Immediately leave the treatment area. Close the door to the treatment area and make sure there is an air-tight seal in order to contain the 1-MCP vapor to ensure the maximum efficacy of 1-MCP. Release of the 1-MCP into the treatment area will start several minutes after the water-soluble pod is added to the delivery device.

After the area is sealed, post a sign on all entrances to the treatment area. The sign must read **“CAUTION. Do not enter area. LOGFRESH treatment in progress.”** The doors must remain sealed for the crop-specific treatment time (see Table 1) to ensure effective LOGFRESH treatment. Entrance to the room prior to these time periods will reduce effectiveness of the treatment. During the treatment, refrigeration and internal air circulation system must be running to ensure good air circulation. All vents to outside air should be closed, and any ethylene scrubbing devices or ozone generating equipment should be turned off. At the end of the LOGFRESH 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 delivery device. The spent water contained in the delivery device can be disposed by pouring down a suitable drain.

RESTRICTIONS

- Restricted Entry Interval (REI): 30 minutes after room has been vented
- Do not smoke during application of LOGFRESH

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 Disposal: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Dispose of empty outer foil package in trash. Triple rinse the delivery device with water after use. Instructions for returning the used devices will be provided.

[NOTICE TO BUYER

IMPORTANT: Read the information below before using this product. If the terms are not acceptable, you should return the unopened product container and delivery device immediately for a complete refund.

LIMITED WARRANTY, TERMS OF SALE, AND LIMITATION OF LIABILITY

Upon purchase of this product, purchaser and user agree to the following terms:

Warranty: The Company warrants that this product conforms to the chemical description on the label in all material respects. To the extent consistent with applicable law the Company makes no further warranties and expressly disclaims any implied warranties of merchantability or fitness for a particular purpose and any representation or warranty.

Terms of Sale: The Company's directions for use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, and the manner of use or application (including failure to adhere to label directions), all of which are beyond the Company's control. To the extent consistent with applicable law, all such risks are assumed by the user.

Limitations of Liability: To the extent consistent with applicable law, the exclusive remedy against the Company for any cause of action relating to the handling or use of this product is a claim for damages, and in no event shall damages or any other recovery of any kind exceed the price of the product which caused the alleged loss, damage, injury, or other claim. To the extent consistent with applicable law, under no circumstances shall the Company be liable for any special, indirect, incidental, or consequential damages of any kind, including loss of profits or income.

To the extent consistent with applicable law, The Company and the seller offer this product, and the purchaser and user accept this product, subject to the foregoing warranty, terms of sale, and limitation of liability, which may be varied or modified only by an agreement in writing signed on behalf of the Company by an authorized representative.]