

#### U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs

Biopesticides and Pollution Prevention Division (7511P) 1200 Pennsylvania Ave., N.W.

Washington, D.C. 20460

#### NOTICE OF PESTICIDE:

X Registration
Reregistration
(under FIFRA, as amended)

EPA Reg. Number:	Date of Issuance:
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2792-83

7/27/2017

Т	erm	of	Issuance:

Unconditional

Name of Pesticide Product:

TruPick 2.0

Name and Address of Registrant (include ZIP Code):

Decco U.S. Post-Harvest, Inc. 1713 South Carolina Ave. Monrovia, CA 91016

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA Registration Number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under the Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

- 1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.
- 2. Submit storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) data as these data requirements are not satisfied. A one-year study is required to satisfy these data requirements. You have 18 months from the date of this registration to provide these data to the EPA.

Signature of Approving Official:

Date:

7/27/2017

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

- 3. Make the following labeling change before you release this product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 2792-83."
- 4. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

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 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 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. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statements of Formula (CSFs):

- Basic CSF dated 12/05/2016
- Alternate CSF #1 dated 01/23/2017

If you have any questions, please contact Gina Burnett of my team by phone at (703) 605-0513 or via email at burnett.gina@epa.gov.

Sincerely,

Andrew C. Bryceland, Team Leader Biochemical Pesticides Branch Biopesticides and Pollution

Prevention Division (7511P) Office of Pesticide Programs

Enclosure

## MASTER LABEL

## ACCEPTED

07/27/2017

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 2792-83



## Postharvest freshness management

Active Ingredient: 1-Methylcyclopropene (1-MCP)	2.0%
Other Ingredients:	<u>98.0%</u>
Total:	100.0%

### KEEP OUT OF REACH OF CHILDREN

EPA Reg. No. 2792-US Patent No. 9,394,216 EPA Est. No.

SUBLABEL A: COMMERCIAL LABEL FOR CAPSULES FOR THE TREATMENT OF APPLE, APRICOT, ASIAN PEAR, AVOCADO, BANANA, BROCCOLI, KIWIFRUIT, MELON, NECTARINE, PEACH, PEAR, PERSIMMON, PLUM, PLUMCOT AND TOMATO

SUBLABEL B: COMMERCIAL LABEL FOR WATER SOLUBLE POUCHES FOR THE TREATMENT OF APPLE, APRICOT, ASIAN PEAR, AVOCADO, BANANA, BROCCOLI, KIWIFRUIT, MELON, NECTARINE, PEACH, PEAR, PERSIMMON, PLUM, PLUMCOT AND **TOMATO** 

SUBLABEL C: COMMERCIAL LABEL FOR CAPSULES FOR THE TREATMENT OF AVOCADOS AND KIWIFRUIT (CA ONLY)

SUBLABEL D: COMMERCIAL LABEL FOR WATER SOLUBLE POUCHES FOR THE TREATMENT OF AVOCADOS AND KIWIFRUIT (CA ONLY)

Manufactured for: Decco U.S. Post-Harvest, Inc.

> 1713 South California Ave. Monrovia, CA 91016

SUBLABEL A: COMMERCIAL LABEL FOR CAPSULES FOR THE TREATMENT OF APPLE, APRICOT, ASIAN PEAR, AVOCADO, BANANA, BROCCOLI, KIWIFRUIT, MELON, NECTARINE, PEACH, PEAR, PERSIMMON, PLUM, PLUMCOT AND TOMATO



## Postharvest freshness management

Active Ingredient: 1-Methylcyclopropene (1-MCP)	2.0%
Other Ingredients:	<u>98.0%</u>
Total <sup>.</sup>	100.0%

# KEEP OUT OF REACH OF CHILDREN CAUTION

[See back/inside panel for additional First Aid and Precautionary Statements.]

EPA Reg. No. 2792– US Patent No. 9,394,216 EPA Est. No.

**Manufactured for**: Decco U.S. Post-Harvest, Inc.

1713 South California Ave. Monrovia, CA 91016

Net Contents: Lot/Batch No.

	FIRST AID					
IF SWALLOWED	<ul> <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 by a poison control center or doctor.</li> <li>Do not give anything to an unconscious person.</li> </ul>					
IF IN EYES	<ul> <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 INHALED	<ul> <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 treatment advice.</li> </ul>					

## 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-858-7378 (National Pesticide Information Center) for emergency medical treatment information, 24 hours a day, 7 days a week.

## PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION**. Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye irritation. 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
- Chemical-resistant gloves made of any waterproof material

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.

## 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).

Do not enter enclosed areas until the enclosed area has been vented unless wearing the appropriate PPE. Ventilation shall continue for thirty (30) minutes 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 x Shoes plus socks
- Respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter.

#### PRODUCT INFORMATION

TruPick 2.0 is a novel gel-based formulation of 1-MCP which releases volatile 1-MCP in the TruPick 2.0 Proprietary Gas Generator. TruPick 2.0 effectively blocks postharvest ethylene responses, extending the storage life and quality of many fruits and vegetables.

TruPick 2.0 delivers various benefits to growers, packers, shippers, retailers and consumers including:

- Reduced loss of produce quality in storage and during transportation
- Reduced food waste along the supply chain
- Longer postharvest storage periods
- Compatibility with most postharvest fungicide treatments
- Enables produce to reach more distant markets
- Leaves no detectible residues
- Effective in controlled atmosphere and air-cooled storage systems
- Enhanced consumer experience at the retailer level

TruPick 2.0 can be applied to fruits and vegetables from just after harvest to just prior to sale. Treatment with TruPick 2.0 is effective under both cool (below 55°F, 13°C) and warm temperature conditions (up to 68°F, 20°C). For best results, treat produce as soon as possible after harvest. Harvested fruits and vegetables must be exposed to 1-MCP in enclosed areas, such as controlled atmosphere storage rooms, coolers, shipping containers, enclosed truck trailers, or ambient temperature, refrigerated, or controlled atmosphere food storage facilities. TruPick 2.0 is intended only for indoor air-tight enclosed areas with no gas leakage in order to assure TruPick 2.0 effectiveness.

## **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.

TruPick 2.0 Capsules

				TruPick 2.0 Use Rates				
					(parts per billion)			
				1,000	750	700	600	300
Pouch No.	No. of Capsules	GRAMS	OZS		Cubic Ft. Treated			
1	1	1.10	0.039	301	401	430	501	1,003
2	5	5.5	0.19	1,504	2,005	2,148	2,506	5,013
3	10	11.0	0.39	3,008	4,010	4,297	5,013	10,026
4	25	27.5	0.97	7,519	10,026	10,742	12,532	25,064
5	50	55.0	1.94	15,038	20,051	21,483	25,064	50,128
6	75	82.5	2.91	22,557	30,077	32,225	37,596	75,191
7	125	137.5	4.85	37,596	50,128	53,708	62,659	125,319
8	150	165.0	5.82	45,115	60,153	64,450	75,191	150,383
9	175	192.5	6.79	52,634	70,179	75,191	87,723	175,447
10	200	220.0	7.76	60,153	80,204	85,933	100,255	200,510
11	225	247.5	8.73	67,672	90,230	96,675	112,787	225,574
12	250	275.0	9.70	75,191	100,255	107,416	125,319	250,638
13	275	302.5	10.67	82,711	110,281	118,158	137,851	275,702
14	280	308.0	10.86	84,214	112,286	120,306	140,357	280,715
15	290	319.0	11.25	87,222	116,296	124,603	145,370	290,740
16	300	330.0	11.64	90,230	120,306	128,900	150,383	300,766

## **Crop-Specific Treatment Rates (PPB)**

Crops	Number of applications	PPB
Apple	1 to 3	1000 to 750
Asian Pear, Avocado, and Broccoli	1	1000 to 750
Pear and Banana	1	1000 to 700
Apricot, Kiwifruit, Melon, Nectarine, Peach, Persimmon, Plum, Plumcot, and Tomato	1	600 to 300

## Duration of TruPick 2.0 application for fruit and vegetables

- Apple, Apricot, Nectarine, Peach, Pear, Plum, and Plumcot 24 hours
- Asian Pear 15 hours
- Avocado, Banana, Broccoli, Kiwifruit, Melon, Persimmon, and Tomato 12 hours

### TIMING OF APPLICATION

Crop Type	Crops	Application Timing
Tomporato	Apple, Asian Pear and Pear	Treat as soon as possible after harvest.
Temperate treefruit	Apricot, Kiwifruit, Nectarine, Peach, Plum, and Plumcot	Treat after long-term storage and before fruit are transported for distribution.
Tropical treefruit	Avocado and Persimmon	Treat at the physiological maturity stage or just prior to the turning black stage.
Tropical treefruit	Bananas	Treat after ethylene treatment and prior to reaching color stage 4.
	Broccoli	Treat as soon as possible after harvest.
Other fruit and vegetables	Tomato	Treat between color stage 1, mature green and color stage 5, light red. Treat within three days of harvest.
	Melon	Treat after long-term storage and before fruit are transported for distribution.

## **METHOD OF APPLICATION**

- 1. Prior to TruPick 2.0 application, make sure that the storage room and door are air tight to maintain 1-MCP in the room during the application.
- 2. Position the TruPick 2.0 proprietary gas generator unit in the storage room.
- 3. Add 4-liters of water (55°F to 86°F, 13°C to 30°C) to the generator.
- 4. Open the foil pouch and empty the TruPick 2.0 gel capsules into the gas generator.
- 5. Switch on the TruPick Gas Generator bubble pumps or add the TruPick activator tablets (provided separately) to Gas Generator. Release of 1-MCP will begin in approximately 30-minutes.
- 6. Keep storage room doors sealed for 12 to 24 hours, depending upon the fruit or vegetable being treated, to ensure an effective treatment of TruPick 2.0. During the treatment, operate internal refrigerated air circulation to ensure strong air circulation within the room.
- 7. Close all vents to outside air, and turn off any ethylene-scrubbing devices or ozone-generating equipment. After treatment, vent storage room for a minimum of thirty minutes with continued full internal ventilation before allowing workers to enter.

#### REENTRY

After the treatment area is sealed, post a sign on all of the entrances to the treatment area. The sign should read:

### "DO NOT ENTER AREA. TRUPICK 2.0 TREATMENT IN PROGRESS"

### **RESTRICTIONS**

DO NOT enter for 30 minutes after room has been vented.

**Maximum use rate:** One to three applications depending upon the fruit or vegetable at a maximum single use rate of 1000 PPB (volume/volume in air).

### 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: Non-refillable container. Do not reuse or refill this container.

## **CONDITIONS OF SALE AND WARRANTY**

DECCO US 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. DECCO US 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 DECCO US and Seller. 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. IN NO CASE WILL DECCO US OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

TruPick is a registered trademark of Decco U.S. Post-Harvest, Inc.

1713 South California Ave. Monrovia, CA 91016 SUBLABEL B: COMMERCIAL LABEL FOR WATER SOLUBLE POUCHES FOR THE TREATMENT OF APPLE, APRICOT, ASIAN PEAR, AVOCADO, BANANA, BROCCOLI, KIWIFRUIT, MELON, NECTARINE, PEACH, PEAR, PERSIMMON, PLUM, PLUMCOT AND TOMATO



## Postharvest freshness management

Active Ingredient: 1-Methylcyclopropene (1-MCP)	2.0%
Other Ingredients:	
Total:	100.0%

# KEEP OUT OF REACH OF CHILDREN CAUTION

[See back/inside panel for additional First Aid and Precautionary Statements.]

EPA Reg. No. 2792– US Patent No. 9,394,216 EPA Est. No.

Manufactured for: Decco U.S. Post-Harvest, Inc.

1713 South California Ave. Monrovia, CA 91016

Net Contents: Lot/Batch No.

	FIRST AID
IF SWALLOWED	<ul> <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 by a poison control center or doctor.</li> <li>Do not give anything to an unconscious person.</li> </ul>
IF IN EYES	<ul> <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 INHALED	<ul> <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 treatment advice.</li> </ul>

## IF ON SKIN OR CLOTHING

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
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## PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION**. Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye irritation. 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
- Chemical-resistant gloves made of any waterproof material

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.

## 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).

Do not enter enclosed areas until the enclosed area has been vented unless wearing the appropriate PPE. Ventilation shall continue for thirty (30) minutes 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 x Shoes plus socks
- Respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter.

#### PRODUCT INFORMATION

TruPick 2.0 is a novel gel-based formulation of 1-MCP which releases volatile 1-MCP in the TruPick 2.0 Proprietary Gas Generator. TruPick 2.0 effectively blocks postharvest ethylene responses, extending the storage life and quality of many fruits and vegetables.

TruPick 2.0 delivers various benefits to growers, packers, shippers, retailers and consumers including:

- Reduced loss of produce quality in storage and during transportation
- Reduced food waste along the supply chain
- Longer postharvest storage periods
- Compatibility with most postharvest fungicide treatments
- Enables produce to reach more distant markets
- Leaves no detectible residues
- Effective in controlled atmosphere and air-cooled storage systems
- Enhanced consumer experience at the retailer level

TruPick 2.0 can be applied to fruits and vegetables from just after harvest to just prior to sale. Treatment with TruPick 2.0 is effective under both cool (below 55°F, 13°C) and warm temperature conditions (up to 68°F, 20°C). For best results, treat produce as soon as possible after harvest. Harvested fruits and vegetables must be exposed to 1-MCP in enclosed areas, such as controlled atmosphere storage rooms, coolers, shipping containers, enclosed truck trailers, or ambient temperature, refrigerated, or controlled atmosphere food storage facilities. TruPick 2.0 is intended only for indoor air-tight enclosed areas with no gas leakage in order to assure TruPick 2.0 effectiveness.

## **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.

**TruPick 2.0 Water Soluble Pouches** 

			TruPick 2.0 Use Rates (parts per billion)				
			1,000	750	700	600	300
Pouch No.	GRAMS	OZS		Cul	bic Ft. Treat	ted	
1	1.0	0.035	315	420	450	525	1,051
2	1.5	0.05	473	631	676	788	1,576
3	2.5	0.09	788	1,051	1,126	1,314	2,627
4	5.0	0.18	1,576	2,102	2,252	2,627	5,254
5	7.5	0.26	2,365	3,153	3,378	3,941	7,882
6	10	0.35	3,153	4,204	4,504	5,254	10,509
7	12.5	0.44	3,941	5,254	5,630	6,568	13,136
8	25	0.88	7,882	10,509	11,260	13,136	26,272
9	50	1.76	15,763	21,018	22,519	26,272	52,545
10	75	2.65	23,645	31,527	33,779	39,408	78,817
11	100	3.53	31,527	42,036	45,038	52,545	105,089
12	125	4.41	39,408	52,545	56,298	65,681	131,362
13	150	5.29	47,290	63,054	67,557	78,817	157,634
14	175	6.17	55,172	73,563	78,817	91,953	183,906
15	200	7.05	63,054	84,071	90,077	105,089	210,179
16	250	8.82	78,817	105,089	112,596	131,362	262,723

## **Crop-Specific Treatment Rates (PPB)**

Crops	Number of applications	PPB
Apple	1 to 3	1000 to 750
Asian Pear, Avocado, and Broccoli	1	1000 to 750
Pear and Banana	1	1000 to 700
Apricot, Kiwifruit, Melon, Nectarine, Peach, Persimmon, Plum, Plumcot, and Tomato	1	600 to 300

## Duration of TruPick 2.0 application for fruit and vegetables

- Apple, Apricot, Nectarine, Peach, Pear, Plum, and Plumcot 24 hours
- Asian Pear 15 hours
- Avocado, Banana, Broccoli, Kiwifruit, Melon, Persimmon, and Tomato 12 hours

### TIMING OF APPLICATION

Crop Type	Crops	Application Timing
Tomporato	Apple, Asian Pear and Pear	Treat as soon as possible after harvest.
Temperate treefruit	Apricot, Kiwifruit, Nectarine, Peach, Plum, and Plumcot	Treat after long-term storage and before fruit are transported for distribution.
Tropical treefruit	Avocado and Persimmon	Treat at the physiological maturity stage or just prior to the turning black stage.
Tropical treefruit	Bananas	Treat after ethylene treatment and prior to reaching color stage 4.
	Broccoli	Treat as soon as possible after harvest.
Other fruit and vegetables	Tomato	Treat between color stage 1, mature green and color stage 5, light red. Treat within three days of harvest.
	Melon	Treat after long-term storage and before fruit are transported for distribution.

#### METHOD OF APPLICATION

- 1. Prior to TruPick 2.0 application, make sure that the storage room and door are air tight to maintain 1-MCP in the room during the application.
- 2. Position the TruPick 2.0 proprietary gas generator unit in the storage room and install new batteries prior to each application.
- 3. Add 4-liters of water (55°F to 86°F, 13°C to 30°C) to the generator.
- 4. Open the foil pouch and empty the TruPick 2.0 water soluble pouches into the gas generator.
- 5. Switch on the TruPick Gas Generator bubble pumps or add the TruPick activator tablets (provided separately) to Gas Generator. Release of 1-MCP will begin in approximately 30-minutes.
- 6. Keep storage room doors sealed for 12 to 24 hours, depending upon the fruit or vegetable being treated, to ensure an effective treatment of TruPick 2.0. During the treatment, operate internal refrigerated air circulation to ensure strong air circulation within the room.
- 7. Close all vents to outside air, and turn off any ethylene-scrubbing devices or ozone-generating equipment. After treatment, vent storage room for a minimum of thirty minutes with continued full internal ventilation before allowing workers to enter.

#### REENTRY

After the treatment area is sealed, post a sign on all of the entrances to the treatment area. The sign should read:

### "DO NOT ENTER AREA. TRUPICK 2.0 TREATMENT IN PROGRESS"

### **RESTRICTIONS**

DO NOT enter for 30 minutes after room has been vented.

**Maximum use rate:** One to three applications depending upon the fruit or vegetable at a maximum single use rate of 1000 PPB (volume/volume in air).

### 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: Non-refillable container. Do not reuse or refill this container.

## **CONDITIONS OF SALE AND WARRANTY**

DECCO US 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. DECCO US 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 DECCO US and Seller. 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. IN NO CASE WILL DECCO US OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

TruPick is a registered trademark of Decco U.S. Post-Harvest, Inc.

1713 South California Ave. Monrovia, CA 91016

## SUBLABEL C: COMMERCIAL LABEL FOR CAPSULES FOR THE TREATMENT OF AVOCADOS AND KIWIFRUIT (CA ONLY)



## Postharvest freshness management

Active Ingredient: 1-Methylcyclopropene (1-MCP)	2.0%
Other Ingredients:	98.0%
Total:	

# KEEP OUT OF REACH OF CHILDREN CAUTION

[See back/inside panel for additional First Aid and Precautionary Statements.]

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Manufactured for: Decco U.S. Post-Harvest, Inc.

1713 South California Ave. Monrovia, CA 91016

Net Contents: Lot/Batch No.

	FIRST AID				
IF SWALLOWED	<ul> <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 by a poison control center or doctor.</li> <li>Do not give anything to an unconscious person.</li> </ul>				
IF IN EYES	<ul> <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 INHALED	<ul> <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 treatment advice.</li> </ul>				

## 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-858-7378 (National Pesticide Information Center) for emergency medical treatment information, 24 hours a day, 7 days a week.

## PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION**. Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye irritation. 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
- Chemical-resistant gloves made of any waterproof material

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.

## 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).

Do not enter enclosed areas until the enclosed area has been vented unless wearing the appropriate PPE. Ventilation shall continue for thirty (30) minutes 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 x Shoes plus socks
- Respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter.

#### PRODUCT INFORMATION

TruPick 2.0 is a novel gel-based formulation of 1-MCP which releases volatile 1-MCP in the TruPick 2.0 Proprietary Gas Generator. TruPick 2.0 effectively blocks postharvest ethylene responses, extending the storage life and quality of fruits.

TruPick 2.0 delivers various benefits to growers, packers, shippers, retailers and consumers including:

- Reduced loss of produce quality in storage and during transportation
- Reduced food waste along the supply chain
- Longer postharvest storage periods
- Compatibility with most postharvest fungicide treatments
- Enables produce to reach more distant markets
- Leaves no detectible residues
- Effective in controlled atmosphere and air-cooled storage systems
- Enhanced consumer experience at the retailer level

TruPick 2.0 can be applied to fruit from just after harvest to just prior to sale. Treatment with TruPick 2.0 is effective under both cool (below 55°F, 13°C) and warm temperature conditions (up to 68°F, 20°C). For best results, treat produce as soon as possible after harvest. Harvested fruits must be exposed to 1-MCP in enclosed areas, such as controlled atmosphere storage rooms, coolers, shipping containers, enclosed truck trailers, or ambient temperature, refrigerated, or controlled atmosphere food storage facilities. TruPick 2.0 is intended only for indoor air-tight enclosed areas with no gas leakage in order to assure TruPick 2.0 effectiveness.

## **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.

TruPick 2.0 Capsules

				TruPick 2.0 Use Rates (parts per billion)			
				1,000	750	600	300
Pouch No.	No. of Capsules	GRAMS	OZS		Cubic Ft.	Treated	
1	1	1.10	0.039	301	401	501	1,003
2	5	5.5	0.19	1,504	2,005	2,506	5,013
3	10	11.0	0.39	3,008	4,010	5,013	10,026
4	25	27.5	0.97	7,519	10,026	12,532	25,064
5	50	55.0	1.94	15,038	20,051	25,064	50,128
6	75	82.5	2.91	22,557	30,077	37,596	75,191
7	125	137.5	4.85	37,596	50,128	62,659	125,319
8	150	165.0	5.82	45,115	60,153	75,191	150,383
9	175	192.5	6.79	52,634	70,179	87,723	175,447
10	200	220.0	7.76	60,153	80,204	100,255	200,510
11	225	247.5	8.73	67,672	90,230	112,787	225,574
12	250	275.0	9.70	75,191	100,255	125,319	250,638
13	275	302.5	10.67	82,711	110,281	137,851	275,702
14	280	308.0	10.86	84,214	112,286	140,357	280,715
15	290	319.0	11.25	87,222	116,296	145,370	290,740
16	300	330.0	11.64	90,230	120,306	150,383	300,766

## Crop-Specific Treatment Rates (PPB)

Crops	Number of applications	PPB
Avocado	1	1000 to 750
Kiwifruit	1	600 to 300

## Duration of TruPick 2.0 application for fruit

• Avocado and Kiwifruit - 12 hours

## TIMING OF APPLICATION

Crop Type	Crops	Application Timing
Tropical		Treat at the physiological maturity
treefruit	Avocado	stage or just prior to the turning
treenuit		black stage.
Temperate		Treat after long-term storage and
treefruit	Kiwifruit	before fruit are transported for
		distribution.

#### METHOD OF APPLICATION

- 1. Prior to TruPick 2.0 application, make sure that the storage room and door are air tight to maintain 1-MCP in the room during the application.
- 2. Position the TruPick 2.0 proprietary gas generator unit in the storage room and install new batteries prior to each application.
- 3. Add 4-liters of water (55°F to 86°F, 13°C to 30°C) to the generator.
- 4. Open the foil pouch and empty the TruPick 2.0 gel capsules or drop the water soluble pouches into the gas generator.
- 5. Switch on the TruPick Gas Generator bubble pumps or add the TruPick activator tablets (provided separately) to Gas Generator. Release of 1-MCP will begin in approximately 30-minutes.
- 6. Keep storage room doors sealed for 12 hours to ensure an effective treatment of TruPick 2.0. During the treatment, operate internal refrigerated air circulation to ensure strong air circulation within the room.
- 7. Close all vents to outside air, and turn off any ethylene-scrubbing devices or ozone-generating equipment. After treatment, vent storage room for a minimum of thirty minutes with continued full internal ventilation before allowing workers to enter.

## **REENTRY**

After the treatment area is sealed, post a sign on all of the entrances to the treatment area. The sign should read:

## "DO NOT ENTER AREA. TRUPICK 2.0 TREATMENT IN PROGRESS"

### **RESTRICTIONS**

**DO NOT enter for** 30 minutes after room has been vented.

**Maximum use rate:** One application at a maximum single use rate of 1000 PPB (volume/volume in air).

## 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: Non-refillable container. Do not reuse or refill this container.

## **CONDITIONS OF SALE AND WARRANTY**

DECCO US 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. DECCO US 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 DECCO US and Seller. 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. IN NO CASE WILL DECCO US OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

TruPick is a registered trademark of Decco U.S. Post-Harvest, Inc.

1713 South California Ave. Monrovia, CA 91016

## SUBLABEL D: COMMERCIAL LABEL FOR WATER SOLUBLE POUCHES FOR THE TREATMENT OF AVOCADOS AND KIWIFRUIT (CA ONLY)



## Postharvest freshness management

Active Ingredient: 1-Methylcyclopropene (1-MCP)	2.0%
Other Ingredients:	<u>98.0%</u>
Total <sup>.</sup>	100.0%

# KEEP OUT OF REACH OF CHILDREN CAUTION

[See back/inside panel for additional First Aid and Precautionary Statements.]

EPA Reg. No. 2792– US Patent No. 9,394,216 EPA Est. No.

Manufactured for: Decco U.S. Post-Harvest, Inc.

1713 South California Ave. Monrovia, CA 91016

Net Contents: Lot/Batch No.

	FIRST AID				
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IF IN EYES	<ul> <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>				
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**TruPick 2.0 Water Soluble Pouches** 

			TruPick 2.0 Use Rates (parts per billion)			
			1,000	750	600	300
Pouch No.	GRAMS	OZS		Cubic Ft. Treated		
1	1.0	0.035	315	420	525	1,051
2	1.5	0.05	473	631	788	1,576
3	2.5	0.09	788	1,051	1,314	2,627
4	5.0	0.18	1,576	2,102	2,627	5,254
5	7.5	0.26	2,365	3,153	3,941	7,882
6	10	0.35	3,153	4,204	5,254	10,509
7	12.5	0.44	3,941	5,254	6,568	13,136
8	25	0.88	7,882	10,509	13,136	26,272
9	50	1.76	15,763	21,018	26,272	52,545
10	75	2.65	23,645	31,527	39,408	78,817
11	100	3.53	31,527	42,036	52,545	105,089
12	125	4.41	39,408	52,545	65,681	131,362
13	150	5.29	47,290	63,054	78,817	157,634
14	175	6.17	55,172	73,563	91,953	183,906
15	200	7.05	63,054	84,071	105,089	210,179
16	250	8.82	78,817	105,089	131,362	262,723

## Crop-Specific Treatment Rates (PPB)

Crops	Number of applications	PPB
Avocado	1	1000 to 750
Kiwifruit	1	600 to 300

## Duration of TruPick 2.0 application for fruit

• Avocado and Kiwifruit - 12 hours

## **TIMING OF APPLICATION**

Crop Type	Crops	Application Timing
Tropical treefruit	Avocado	Treat at the physiological maturity stage or just prior to the turning black stage.
Temperate treefruit	Kiwifruit	Treat after long-term storage and before fruit are transported for distribution.

#### METHOD OF APPLICATION

- 1. Prior to TruPick 2.0 application, make sure that the storage room and door are air tight to maintain 1-MCP in the room during the application.
- 2. Position the TruPick 2.0 proprietary gas generator unit in the storage room and install new batteries prior to each application.
- 3. Add 4-liters of water (55°F to 86°F, 13°C to 30°C) to the generator.
- 4. Open the foil pouch and empty the TruPick 2.0 water soluble pouches into the gas generator.
- 5. Switch on the TruPick Gas Generator bubble pumps or add the TruPick activator tablets (provided separately) to Gas Generator. Release of 1-MCP will begin in approximately 30-minutes.
- 6. Keep storage room doors sealed for 12 hours to ensure an effective treatment of TruPick 2.0. During the treatment, operate internal refrigerated air circulation to ensure strong air circulation within the room.
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### **REENTRY**

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## "DO NOT ENTER AREA. TRUPICK 2.0 TREATMENT IN PROGRESS"

### **RESTRICTIONS**

**DO NOT enter for** 30 minutes after room has been vented.

**Maximum use rate:** One application at a maximum single use rate of 1000 PPB (volume/volume in air).

## STORAGE AND DISPOSAL

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on site or at an approved waste disposal facility.

Container Handling: Non-refillable container. Do not reuse or refill this container.

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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. IN NO CASE WILL DECCO US OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

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