

AgroFresh LandSpring™ WP

For treatment of Annual Seedlings:

BRASSICA LEAFY VEGETABLES (Crop Group 5)

CUCURBIT VEGETABLES (Crop Group 9)

LEAFY VEGETABLES (EXCEPT BRASSICA VEGETABLES) (Crop Group 4)

FRUITING VEGETABLE (EXCEPT CUCURBIT) (Crop Group 8)

For treatment of Perennial Seedlings *

Conifer Seedlings: DOUGLAS FIR, LOBLOLLY PINE, LOBLOLLY X PITCH PINE HYBRID, LONGLEAF PINE, SHORTLEAF PINE, SLASH PINE, SOUTHERN PINE, VIRGINIA PINE, WESTERN HEMLOCK

Dicot Perennial Seedlings: ALMOND, APPLE, CHERRY, GRAPE, GRAPEFRUIT, LEMON, NECTARINE, PEACH, PEAR, PECAN, PLUM, ORANGE, WALNUT

* Not for use in California

Protects fruit, vegetable, agronomic crops and seedlings from the various effects of ethylene.

ACTIVE INGREDIENT: % By WT.

1-Methylcyclopropene 3.8%

OTHER INGREDIENTS: 96.2%

TOTAL: 100.0%

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.

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 inside panel for First Aid Instructions and Booklet for complete Precautionary Statements and Directions for Use.

FIRST AID

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 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 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 mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.

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 Reg. No. 71297-6

EPA Est. No. 71297-WA-001

Produced by: AgroFresh Inc.

510-530 Walnut Street, Suite 1350 Philadelphia PA 19106

Lot No.

Net Contents (On Container)

110159/20200015US

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to Supplemental Labeling entitled AGRICULTURAL USE REQUIREMENTS in the DIRECTIONS FOR USE section of the labeling for information about this standard.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION Causes slight eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Harmful if swallowed. 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. Avoid breathing vapor.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and handlers must wear:

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

Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions for washables exist, 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.

ENGINEERING CONTROLS STATEMENTS

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS: 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.

ENVIRONMENTAL HAZARDS

For terrestrial use: Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

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 Workers Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, 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 this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the **restricted-entry interval (REI) of 4 hours** unless wearing the appropriate PPE. For plant houses, do not enter or allow worker entry into treated areas prior to venting of the volatile active ingredient from the treatment area unless wearing the appropriate PPE. Ventilation shall continue until after **two (2) hours** of ventilation using fans or other mechanical systems or **four (4) hours** of ventilation using vents, windows or other passive ventilation.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water 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)

Read the entire label before using this product.

APPLICATION INSTRUCTIONS

LandSpring™ WP is packaged in a water-soluble pouch inside a foil package. Once the foil package is opened, the entire contents of the water-soluble pouch must be used. **LandSpring™ WP** is also packaged in a plastic container. Open the container with your body upwind. If exposed to water, the formulation will begin to release 1-MCP gas. **In poorly vented systems, this gas may temporarily reach flammable levels in the headspace. The headspace must not come in contact with an ignition source.**

Rate, time and mode of application: Refer to instructions in crop tables.

Adjuvants: See [Use of Adjuvants](#) section for the adjuvants and rates.

Plant Safety: This product has been tested on numerous plant varieties with no phytotoxic effects. However, since this product has not been tested on all plant varieties or in combination with all available adjuvants or tank mixes, the manufacturer recommends testing on a small number of plants to check for adverse plant effects before applying on a larger number of plants. Under certain environmental conditions, the use of spray adjuvants can result in transient crop response.

Incompatibility: Do not use with products containing copper.

For treatment of SEEDLINGS:**Annual Seedlings**

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

CUCUBITS VEGETABLES (EXCEPT BRASSICA) (Crop Group 9): Cantaloupe; Cucumber; Gherkin; Honeydew; Muskmelon; Summer Squash.

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.

FRUITING VEGETABLE (EXCEPT CUCUBITS) (Crop Group 8): Pepper (Bell and Non-bell); Tomato

USE INSTRUCTIONS		
SEEDLING CROPS FOR TRANSPLANT	SEEDLINGS	
Annual Crops	Application Timing	RATE oz/acre
<p>BRASSICA LEAFY VEGETABLES (Crop Group 5): Broccoli; Broccoli, Chinese; Broccoli raab; Brussels sprouts; Cabbage; Cabbage, Chinese (bok choy); Cabbage, Chinese (napa); Cabbage, Chinese mustard; Cauliflower; Cavalo broccoli; Collards; Kale; Kohlrabi; Mustard Greens; Mustard Spinach; Rape Greens.</p> <p>CUCUBITS VEGETABLES (EXCEPT BRASSICA) (Crop Group 9): Cantaloupe; Cucumber; Gherkin; Honeydew; Muskmelon; Summer Squash.</p> <p>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.</p> <p>FRUITING VEGETABLES (Crop Group 8): FRUITING VEGETABLE (EXCEPT CUCUBITS) (Crop Group 8): Pepper (Bell and Nonbell); Tomato</p>	<p>Apply 1-5 days before transplanting. If transplanting is delayed more than 5 days, make a second application</p>	<p>3.8 to 9.4 (0.14 to 0.36 oz ai/acre)</p>
<p>Restrictions:</p> <ul style="list-style-type: none"> • Do NOT apply more than 18.8 oz/acre per crop. • Do NOT exceed THREE (3) minutes of AGITATION after product is added to spray tank. • Do NOT allow product to contact any COPPER. 		

ANNUAL CROP SEEDLINGS: When applied to seedlings 1-5 days before transplanting, **LandSpring™ WP** helps decrease transplant shock enabling plants to more rapidly establish and grow. Observed benefits include increased crop biomass due to better root and shoot development when plants are subjected to stress in the weeks following transplantation.

Perennial Seedlings *

Conifer Seedlings: DOUGLAS FIR, LOBLOLLY PINE, LOBLOLLY X PITCH PINE HYBRID, LONGLEAF PINE, SHORTLEAF PINE, SLASH PINE, SOUTHERN PINE, VIRGINIA PINE, WESTERN HEMLOCK

Dicot Perennial Seedlings: ALMOND, APPLE, CHERRY, GRAPE, GRAPEFRUIT, LEMON, NECTARINE, PEACH, PEAR, PECAN, PLUM, ORANGE, WALNUT

USE INSTRUCTIONS			
SEEDLING CROPS FOR TRANSPLANT	SEEDLINGS	BAREROOT PERENNIAL SEEDLINGS	
Perennial Crops	Application Timing	RATE oz/acre	Application Timing RATE oz/gallon
<p>Conifer seedlings*: Douglas Fir, Loblolly Pine, Loblolly x Pitch Hybrid, Longleaf Pine, Shortleaf Pine, Slash Pine, Southern Pine, Virginia Pine, Western Hemlock</p> <p>Dicot seedlings*: almond, apple, cherry, grape, grapefruit, lemon, nectarine, orange, peach, pear, pecan, plum, walnut</p>	Apply 1-5 days before transplanting. If transplanting is delayed more than 5 days, make a second application	3.8 to 9.4 (0.14 to 0.36 oz ai/acre)	Apply to roots just prior to packaging for storage 0.25 oz/ 75 gallons
<p>Restrictions:</p> <ul style="list-style-type: none"> • Do NOT apply more than 18.8 oz/acre per crop. • Do NOT exceed THREE (3) minutes of AGITATION after product is added to spray tank. • Do NOT allow product to contact any COPPER. <p>* Not for use in California</p>			

PERENNIAL CROP SEEDLINGS*: When applied to containerized / potted perennial seedlings 1-5 days at the nursery before transportation to the field or before packaging and storage or applied to perennial seedlings 1-5 days at the nursery before lifting and storage, **LandSpring™ WP** helps decrease both seedling mortality and transplant shock enabling plants to more rapidly establish and grow. Observed benefits include higher seedling survival rates and increased crop biomass due to better root and shoot development when plants are subjected to stress in the weeks following transplantation.

When applied to bareroot perennial seedling before packaging and storage. **LandSpring™ WP** helps decrease both seedling mortality and transplant shock enabling plants to more rapidly establish and grow. Observed benefits include higher seedling survival rates and increased crop biomass due to better root and shoot development when plants are subjected to stress in the weeks following transplantation.

Mixing Instructions for Sprayer Tanks:

1. Fill the tank of application equipment with required water volume.
2. Add the required **LandSpring™ WP** to the tank as directed in the Use Rate Table above.
3. Continue running the agitation system for 3 minutes after adding the **LandSpring™ WP**.
DO NOT EXCEED 3 MINUTES OF AGITATION.
4. Do not use agitator during spraying.
5. Initiate spray application as soon as possible after step 3 and no later than 15 minutes after preparation of tank mixture.

Mixing Instructions for Dosatron or Other injection systems:

1. Fill the tank of application equipment with required water volume.
2. Add the required **LandSpring™ WP** to the tank as directed in the Use Rate Table above.
3. Gently stir the spray solution for up to 3 minutes.
4. Initiate spray application as soon as possible after step 3 and no later than 15 minutes after preparation of spray mixture.

Spray Volume

Use calibrated equipment to apply **LandSpring™ WP** in a sufficient amount of water to ensure good drenching of the seedlings. Product efficacy

requires that the foliage receive uniform spray coverage. Use a minimum spray volume of 40 gallons per acre.

Spray Nozzle Requirements

Required droplet size is 250-400 μ m. For best results, do not use droplets smaller than 250 μ m.

Important Considerations

- For best results, apply under slow drying conditions, e.g. early in the morning or at night, in order to ensure adequate absorption.
- The manufacturer recommends to not apply if rain or overhead irrigation is expected within 1 hour of application.
- The manufacturer recommends to not apply in winds exceeding 10mph.
- **LandSpring™ WP** has a 1 day preharvest interval (PHI)
- Handle **LandSpring™ WP** in a well-ventilated area.
- The manufacturer recommends applying **LandSpring™ WP** alone on seedlings, without tank mixes or adjuvants.

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. Dispose of empty outer foil package in trash

For plastic container, triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

For containers greater than 50 lbs: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Then offer for recycling if available, or puncture and dispose of in a sanitary landfill or by incineration. Do not burn unless allowed by the State and local ordinances.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of AGROFRESH INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of AGROFRESH INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, AGROFRESH INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL, THIS PRODUCT IS SOLD "AS IS" TO THE EXTENT CONSISTENT WITH APPLICABLE LAW. AGROFRESH INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE. IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT AGROFRESH INC. HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL, BUYER OR USER MUST SEND WRITTEN NOTICE OF SUCH CLAIM TO THE FOLLOWING ADDRESS, TO THE EXTENT REQUIRED BY APPLICABLE LAW:

AGROFRESH INC.
ATTENTION: LAW DEPARTMENT
510-530 WALNUT STREET, SUITE 1350
PHILADELPHIA PA 19106

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO CLAIMS OF BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, OR STRICT LIABILITY.

LandSpring is registered trademarks of AgroFresh Inc.

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BRASSICA LEAFY VEGETABLES (Crop Group 5)

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FRUITING VEGETABLE (EXCEPT CUCURBIT) (Crop Group 8)

For treatment of Perennial Seedlings *

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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 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 mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
If swallowed	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

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