

70515-1

03/26/2002

1/7



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511C)
1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg. Number:

70515-1

Date of Issuance:

3/26/02

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

LPE-94 10% Aqueous
Growth Regulator

Name and Address of Registrant (include ZIP Code):

Nutra-Park Inc.
8383 Greenway Boulevard, Suite 520
Middleton, WI 53562

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/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his 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 this 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 registration does not eliminate the need for continual reassessment of the pesticide. If EPA determines at any time, that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

This product is registered in accordance with FIFRA section 3(c)(5) and is subject to the following terms and conditions:

1. Make the following modification to your label before you release your product for shipment:
 - a. Revise the registration number to read 70515-1.

Signature of Approving Official:

(See second page for signature)

Date:

3/26/02

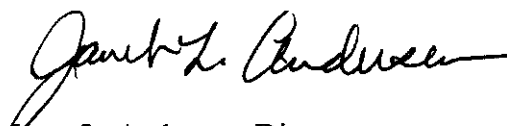
Page 2

Registration number: 70515-1

2. Submit two (2) copies of the revised final printed labeling before you release the product for shipment.

A stamped copy of the label is enclosed for your records.

Sincerely,



Janet L. Andersen, Director
Biopesticides and Pollution Prevention Division

LPE-94 10% Aqueous

GROWTH REGULATOR

LPE is a growth regulator that enhances fruit ripening and shelf life of select fruits, flowers and vegetables.

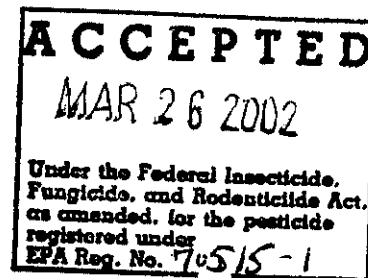
Active Ingredient:

Lysophosphatidylethanolamine (LPE) 10%

Other Ingredients:..... 90%

Total..... 100%

Contains 0.835 lbs. LPE per gallon



**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See side (back) panel for additional precautionary statements.

EPA Reg. No.: (File Symbol 70515-¹~~R~~)
EPA Est. No.: 38752-OH-001

Manufactured for: Nutra-Park Inc.
8383 Greenway Blvd., Suite 520
Middleton, WI 53562

Net Contents: 1 Liter (33.9 oz)

FIRST AID	
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.
HOT LINE NUMBER	
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 for emergency medical treatment information.	

PRECAUTIONARY STATEMENTS

Hazard to humans and domestic animals: CAUTION. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks. Follow manufacturer's instructions for cleaning / maintaining PPE. Keep and wash PPE separately from other laundry.

User Safety Requirements: Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 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: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean highwater mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater.

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 agency responsible for pesticide regulation. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, 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 intervals (REI). 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 of 4 hours.

PPE requirement 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 coveralls, waterproof gloves and shoes plus socks.

General:

LPE is a growth regulator that enhances fruit, ripening and shelf life of select fruits, flowers and vegetables. LPE application does not enhance respiration, like other ripening agents. LPE is also known to reduce senescence by inhibiting some of enzymes involved in membrane breakdown. For these reasons, LPE enhances and promotes shelf life. When applied to physiologically mature fruit (at breaker stage, i.e. early stage of ripening), it stimulates and promotes ripening.

READ ENTIRE LABEL BEFORE USING THIS PRODUCT.

Mixing Instructions:

Shake well before mixing (1-3 minutes). Dilute product with water per dilution schedule to achieve recommended application rate for intended crop. Add half the recommended water to tank, then add LPE-94 10% Aqueous. Add remaining water and mix thoroughly.

Table 1

Parts Per Million (PPM)	Amount of LPE-94 10% Aqueous to make 100 gallons of spray solution
25	3.2 fl. oz.
50	6.4 fl. oz.
100	12.8 fl. oz.
200	25.6 fl. oz.

Pre-Harvest Application Directions:

Apply LPE-94 10% Aqueous in sufficient water to wet fruit clusters uniformly, using conventional ground sprayers. Add a nonionic surfactant containing at least 80% active ingredient. The surfactant should be applied at the rate of 0.25% v/v (1 gallon per 100 gallons of spray solution) of spray mixture. Apply the surfactant in a manner consistent with its label. Contact your Nutra-Park Representative for guidance on surfactant selection.

Follow directions for specific crop listed below

PRE HARVEST APPLICATION			
Crop	Rate (ppm)	Use	Special Instructions
Table Grapes (Such as Flame Seedless, Crimson, Thompson Seedless, Red Globe)	100-400	<ul style="list-style-type: none"> Increased early marketable yield Uniform color development 	<ul style="list-style-type: none"> Treat when 10-20% of berries show color
Cranberries	100-400	<ul style="list-style-type: none"> Increased early marketable yield Uniform color development 	<ul style="list-style-type: none"> Treat when 10-20% of berries show color, approximately 2 weeks prior to harvest

Tomatoes	100-400	<ul style="list-style-type: none"> Increased early marketable yield Uniform color development Improved fruit firmness 	<ul style="list-style-type: none"> Treat 10 to 14 days prior to desired yield response. Reapply at 7 to 14 day intervals to repeat desired yield response.
Apples	100-400	<ul style="list-style-type: none"> Increased early marketable yield Improved fruit quality (color firmness, soluble solids) 	<ul style="list-style-type: none"> Treat at 10- 20% fruit blush, approximately two weeks prior to harvest.
Blueberries	100-400	<ul style="list-style-type: none"> Increased early marketable yield 	<ul style="list-style-type: none"> Treat at 10- 20% fruit blush, approximately 2 weeks prior to harvest.
Strawberries	100-400	<ul style="list-style-type: none"> Increased early marketable yield 	<ul style="list-style-type: none"> Treat at 10- 20% fruit blush, approximately 2 weeks prior to harvest. Reapply at 7 to 14 day intervals to repeat desired yield response.

Post-Harvest Application Directions:

Dilute LPE-94 10% Aqueous in washwater. For tomatoes and cranberries, maintain water agitation and submerge fruit in washwater for 3 to 10 minutes. Follow standard handling procedures after treatment.

Follow directions below for crop specific post harvest applications directions for use.

POST HARVEST APPLICATION			
Crop	Rate (ppm)	Use	Special Instructions
Tomatoes	25-100	<ul style="list-style-type: none"> Accelerate natural ripening Improve fruit quality 	<ul style="list-style-type: none"> Maintain chlorine levels and water pH at recommended levels.
Cranberries	25- 100	<ul style="list-style-type: none"> Accelerate natural ripening Improve fruit quality 	
Cut Flowers	1- 25	<ul style="list-style-type: none"> Extends vase life 	<ul style="list-style-type: none"> Dilute LPE Submerge stems of freshly cut flowers in LPE solution Renew LPE solution if water becomes cloudy See Nutra-Park representative to determine proper concentration for flower variety.

STORAGE AND DISPOSAL

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

Storage - Store container in cool place until used.

Pesticide Disposal - Wastes resulting from use of this product may be disposed of at an approved waste disposal facility.

Container Disposal- Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

(LIMITED WARRANTY)