

(A) EPA	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
	Application for Pesticide:		Please Attach An Original Form

Section I

1. Company/Product Number 35935-21	2. EPA Product Manager J. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Alphaset IPE	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Nufarm Inc. Agent for Nufarm Limited 1333 Burr Ridge Parkway, Suite 125A Burr Ridge, IL 60521 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section II

<input type="checkbox"/> Amendment - Explain Below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION AUG 26 2003
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application	
<input checked="" type="checkbox"/> Notification - Explain below	<input type="checkbox"/> Other - explain below	

Explanation: Use additional page(s) if necessary. (For Section I and Section II).
Notification of addition of Similar Application Methods .

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

Section III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
*Certification must be submitted.	If "Yes," Unit Package Wt. No. Per Container	If "Yes," Package Wt. No. Per Container	

3. Location of Net Contents Information <input checked="" type="checkbox"/> Label or <input checked="" type="checkbox"/> Container	4. Size(s) of Retail Container 1 qt.; ½, 1, 2½, 5, 30, 55, 110, 220 gal.; bulk	5. Location of Label Directions <input checked="" type="checkbox"/> On Label or <input checked="" type="checkbox"/> On Labeling accompanying product
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6. Manner In Which Label Is Affixed To Product Lithograph Other (Self-Adhesive Integrated Label/Booklet)
 Paper Glued
 Stenciled

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application):

Name Theodore D. Head	Title Product Registration Manager / Agriculture	Telephone No. (Include Area Code) (708) /54-3300
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Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Receiver (Stamped)
2. Signature 	3. Title Product Registration Manager / Agriculture	
4. Typed Name Theodore D. Head	5. Date 8-12-03	

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Alphaset IPE

NOTIFICATION
AUG 26 2003

PLANT GROWTH REGULATOR FOR CITRUS.

TO CONTROL PREHARVEST FRUIT DROP, LEAF
DROP AND FRUIT DROP FOLLOWING OIL SPRAYS,
AND FOR PACKING HOUSE TREATMENT OF LEMONS.

ACTIVE INGREDIENT:

Isopropyl Ester of 2,4-Dichlorophenoxy-
acetic acid 48.2%*

INERT INGREDIENTS** : 51.8%
TOTAL 100.0%

* Equivalent to 40.5% or 3.4 lbs of 2,4-Dichlorophenoxy-
acetic acid per gallon

**Contains petroleum distillates

KEEP OUT OF REACH OF CHILDREN

CAUTION CAUTION

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 Below For Additional Precautionary Statements.

EPA REG. NO. 35935-21
EPA EST. NO. 228-IL-01

NET CONTENTS 1 GALLON (3.78 L)

05/03

For Chemical Emergency, Spill, Leak, Fire, Exposure or
Accident, Call CHEMTREC Day or Night 1-800-424-9300

STATEMENT OF PRACTICAL TREATMENT

If In Eyes: Hold eye open and rinse slowly and gently with water for
15-20 minutes. Remove contact lenses, if present, after the first 5
minutes, then continue rinsing eye. Call a poison control center of
doctor for treatment advise.

If On Skin: Take off contaminated clothing. Rinse skin immediately
with plenty of water for 15 - 20 minutes. Call a poison control center or
doctor for treatment advise.

If Swallowed: Immediately call a poison control center or doctor. Do
not induce vomiting unless told to do so by a poison control center or

doctor. Do not give any liquid to the person. Do not give anything by
mouth to an unconscious person.

Note to Physician: May pose an aspiration pneumonia hazard.
Contains petroleum distillate.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if absorbed through skin. Harmful if swallowed. Causes
moderate eye irritation. Avoid contact with skin, eyes or clothing.

Personal Protective Equipment: Some materials that are
chemical-resistant to this product are listed below. If you want more
options, follow the instructions for category E on an EPA chemical
resistance category selection chart.

Applicators and other handlers must wear: long-sleeved
shirt and long pants; chemical-resistant gloves, such as barrier laminate
or nitrile rubber or neoprene rubber or Viton; shoes plus socks;
protective eyewear; and chemical-resistant apron when mixing and
loading.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no
such instructions for washables, use detergent and hot water. Keep and
wash PPE separately from other laundry. After each day of use, clothing
or PPE must not be reused until it has been cleaned.

Engineering Control Statements: When handlers use closed
systems, enclosed cabs, or aircraft 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.
- Remove clothing immediately if pesticide gets inside. Then wash
thoroughly and put on clean clothing.
- 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

This product is toxic to aquatic invertebrates. Drift or runoff may
adversely affect aquatic invertebrates and non-target plants. Do not
apply directly to water, 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 washwaters.

Mixing and Loading: Most cases of groundwater contamination
involving phenoxy herbicides such as 2,4-D have been associated with

mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

CHEMICAL AND PHYSICAL HAZARDS

Do not use, pour, spill or store near heat or open flame

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.

Do not apply this product through any type of irrigation system.

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 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 12 hours.

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: coveralls; chemical-resistant gloves, such as barrier laminate or nitrile rubber or neoprene rubber or Viton; shoes plus socks and protective eyewear.

STORAGE AND DISPOSAL

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

STORAGE: Do not store near food, feed, fertilizers, seeds, insecticides or fungicides. Store in the original container in a secure, dry and temperate area. Keep container closed when not in use. Do not store or use around the home. In the event of a spill, transfer as much of product as possible to new or sound container. Soak up remainder of spill with sand, earth, clay granules, or other suitable adsorbent. Dispose of wastes according to local, State, and Federal regulations.

Do not store under freezing conditions. If product is subjected to temperatures below freezing, warm to at least 70 degrees F for 12 hours then agitate thoroughly prior to use.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: For Plastic Containers: Triple rinse (or equivalent) adding rinsate to spray tank. 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. **For Metal Containers:** Triple rinse (or equivalent) adding rinsate to spray tank. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

GENERAL INFORMATION

Alphaset IPE is to be used as a plant growth regulator on citrus for the control of pre-harvest fruit drop, and, for leaf drop and fruit drop following application of pesticide oil sprays. It may also be used as a packing house treatment to lemons to maintain healthy buttons during storage.

APPLICATION DIRECTIONS

Preharvest Fruit Drop Control: Use the recommended concentration (ppm) from the chart below. Apply to give thorough and uniform coverage. Make application just to the point of runoff. Total volume of spray used could vary from 60 to 400 gallons per acre depending on density of the foliage. Do not apply to citrus trees younger than 6 years. Do not apply within 7 days of harvest. Do not apply during a flush of leaf growth. Do not allow drift to susceptible plants, which include cotton, grapes, roses, beans, peas, alfalfa, lettuce, ornamentals and broadleaf plants. This product may injure cotton, beans, peas, grapes, ornamentals, etc. (coarse sprays are less likely to drift). Do not use equipment that has been used to spray 2,4-D products to spray 2,4-D sensitive plants. Always use care in disposing of spray solutions as they can cause extreme injury or kill sensitive plants. Before using spray equipment for any other purpose, thoroughly clean same with hot soap suds followed by soaking and washing with ammonia or baking soda. May cause an increased roughness of the rind.

Variety/Species	Location	Time	2,4-D ppm Water Spray	ml Alphaset IPE per 100 gal	Fluid oz. Alphaset IPE per 100 gal
Navel Oranges	Central, So. CA	Sept. - Nov.	16	15.2	0.51
	Central CA	Sept. - Nov.	24	22.8	0.77
	Central, So. CA	Dec. - Jan.	8	7.6	0.26
Valencia Oranges	So. CA	Young Fruit at least 3/4" dia.	8	7.6	0.26
Grapefruit Summer drop	Central, So. CA	Young Fruit at least 3/4" dia.	16	15.2	0.51
Grapefruit Winter Drop	Central CA	Sept. - Nov.	16	15.2	0.51
			24	22.8	0.77

Lemons	Inland So. CA	Nov. - Dec.	8	7.6	0.26
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USE THE CHART BELOW TO DETERMINE THE AMOUNT OF ALPHASET IPE TO ADD TO YOUR SPRAY TANK

Add Volume of Alphaset IPE Indicated for Desired Concentration

Tank Size (Gals.)	for: 4 ppm	8 ppm	12 ppm	16 ppm	20 ppm	24 ppm
400	15 ml	31 ml	46 ml	61 ml	76 ml	91 ml
500	19 ml	38 ml	57 ml	76 ml	95 ml	114 ml
600	23 ml	46 ml	69 ml	91 ml	114 ml	137 ml

Air Application (Oranges)	Make application from September through January.	Apply product in a minimum of 20 gallons of water per acre. Do not exceed a concentration of 200 ppm (38 ml or 1.28 fluid ounces Alphaset IPE in 20 gallons of water). Do not apply within 7 days of harvest.
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For Packing House Use On Lemons: For packing house treatment of lemons to maintain healthy buttons during storage, use a concentration of 500 ppm (45 ml or 1-5/8 fluid ounces of Alphaset IPE in each 10 gallons of water). Product may be added to the wax emulsion used to wax lemons prior to storage. Otherwise, use a treatment such as flush or spray following the final fresh water rinse of the fruit. Do not use with nitrogen trichloride (Decco®) as discoloration of the fruit may occur. Do not use on fruit intended for short-term storage.

Following the application of pesticide oil sprays: For the prevention of leaf drop and fruit drop following the use of pesticide oil sprays to lemons, Navel oranges, Valencia oranges, and grapefruits, apply Alphaset IPE at 3.8 ml or 0.128 fluid ounces per 100 gallons of pesticide oil spray mixture (4 ppm). Apply as a thorough coverage spray. Do not apply within 7 days of harvest.

IMPORTANT: PLEASE READ BEFORE USE

By using this product, the user accepts the following LIMITED WARRANTY:

NUFARM LIMITED (NUFARM) warrants that (a) this product conforms to the chemical description on its label; (b) this product is reasonably fit for the purposes stated on its label, subject to the inherent risks referred to herein, when used in accordance with its directions; and (c) that the directions, warnings, cautions, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, or toxicity to laboratory animals and plants, or residues on food crops and upon reports of field experience. Testing has not been performed on all varieties of food crops, and plants in all states, or under all application, weather and crop conditions. There are no express warranties other than those set forth herein. **NUFARM neither makes nor intends, nor does it authorize any agent or representative to make any other warranty, express or implied. NUFARM expressly excludes and disclaims all implied warranties of merchantability, fitness for particular purpose, or any other warranty of quality or performance.** This warranty does not extend to, and the user shall be solely responsible for, any loss or damage which results from the use of this product in any manner which is inconsistent with this label's directions, warnings or cautions. User's exclusive remedy and NUFARM or seller's exclusive liability for any claim, loss, damage, or injury resulting from the use or handling of this product, whether or not based in contract, negligence, strict liability in tort, or otherwise, shall be limited, at NUFARM'S option, to replacement, or repayment of the purchase price for the quantity of product with respect to which damages are claimed. In no event shall NUFARM, or Seller be liable for special, indirect, or consequential damages resulting from the use or handling of this product.

Fruit size increase: To increase fruit size, apply recommended concentration from the table below. Apply the spray to achieve thorough and even coverage. Make application just to the point of run off. Total volume of spray used could vary from 60 to 400 gallons per acre depending on density of the foliage. Do not apply to citrus trees younger than 6 years. Do not apply within 7 days of harvest.

Valencia and Navel Oranges	ppm 2,4-D Water Spray	ml Alphaset IPE per 100 gals.	Fluid oz. Alphaset IPE per 100 gals.
When Fruit Diameter is			
3/16 - 1/4"	12	11.4	0.38
1/4 - 1/2"	16	15.2	0.51
1/2 - 5/8"	20	19.0	0.64
5/8 - 3/4"	24	22.8	0.77
Grapefruit	ppm 2,4-D Water Spray	ml Alphaset IPE per 100 gals.	Fluid oz. Alphaset IPE per 100 gals.
When fruit Diameter is			
1/4 - 3/8"	12	11.4	0.38
3/8 - 5/8"	16	15.2	0.51
5/8 - 3/4"	20	19.0	0.64
3/4 - 1"	24	22.8	0.77

**Manufactured By
Nufarm Limited
Burr Ridge, IL 60521**



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August 12, 2003

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504C)
U. S. Environmental Protection Agency
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202-4501

Attention: Ms. Joann Miller, PM 23
Herbicide Branch

Subject: Label Notification For Nufarm Alphasat IPE 35935-21

Dear Ms. Miller:

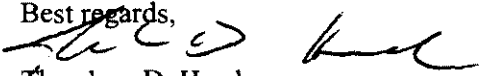
Please find enclosed what we believe to be necessary paperwork to notify the Agency of our label changes requested by the State of California. Changes have been underlined and can be found on page 2 of the label.

Please note that no use patterns or rates have been changed.

If there is anything else we should do at this time please contact us immediately. Thank you for your assistance.

If you have any questions regarding this submission, please contact me at the letterhead phone and fax numbers, or by e-mail to ted.head@us.nufarm.com.

Best regards,


Theodore D. Head
Product Registration Manager

