

PM 90

275-109

Page 1 of 5

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number
226796

Application for Pesticide - Section I

1. Company/Product Number 275-109	2. EPA Product Manager Janet L. Andersen	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Ralex Plant Growth Regulator Solution	PM# 90	
5. Name and Address of Applicant (Include ZIP Code) Abbott Laboratories Chemical & Agricultural Products Div. D-28R, Bldg. A1 1401 Sheridan Road North Chicago, IL 60064 <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 _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input checked="" type="checkbox"/> Other - Explain below.

NOTIFICATION
275-109

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
Notification of alternate brand name:
Primary product name: Release LC Plant Growth Regulator Solution
Alternate brand name: Ralex Plant Growth Regulator Solution

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	Other (Specify) _____	
		If "Yes" Package wgt	No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled	<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Marvin H. Alphin	Title Manager, Ag. Registrations	Telephone No. (Include Area Code) 847-937-7909
2. Signature 		6. Date Application Received (Stamped)
3. Title Manager, Ag. Registrations		
4. Typed Name Marvin H. Alphin		5. Date Dec. 20, 1996

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, both under applicable law.

295

FOR STONE FRUIT IN CALIFORNIA, WASHINGTON AND OREGON ONLY

Plant Growth Regulator

Ralex™

Solution

Active Ingredient: Gibberellins	4.0% w/w
Inert Ingredients	96.0% w/w
TOTAL	100.0% w/w

**KEEP OUT OF REACH OF CHILDREN
WARNING-AVISO**

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 attached booklet for storage/disposal statements, additional precautionary statements and directions for use.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to attached booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.



©1996
Abbott Laboratories
Chemical and Agricultural Products Division
North Chicago, IL 60064 USA

EPA Reg. No. 275-109
EPA Est. No. 33762-1A-1
List No. 17220-04-D3

Net Contents: 1 Quart (946 ml)

04-1497/R4

Lot No.

Proof A B C D E F

CAPD ART

Prepared by
HPD Graphics Studio

LIST NO. 11220-04-03

COMMOD. NO. 04-1497/R4

LABEL EDITOR Rivera

DATE PREPARED 12-10-96

DRAWING NUMBER

ARTIST AH/RW

FORMULA & LABEL CONTROL
APPROVAL D-467

[Signature]
APPROVED BY

DATE 12-12-96

DATE
*NOT VALID UNLESS FINAL
PROOFS CARRY APPROVAL
SIGNATURE

COLOR SEPARATIONS

- PMS Black
- PMS 166C
- PMS 422C
- Adhesive

BEST AVAILABLE COPY

Plant Growth Regulator



KEEP OUT OF REACH OF CHILDREN
WARNING-AVISO

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).

STATEMENT OF PRACTICAL TREATMENT

- IF IN EYES — Flush with plenty of water. Call a physician.
- IF SWALLOWED — Drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol.
- IF INHALED — Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.
- IF ON SKIN — Wash with plenty of soap and water. Get medical attention.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING

Causes substantial but temporary eye injury. Harmful if inhaled or absorbed through skin. Do not get in eyes or on clothing. Avoid breathing vapor or spray mist, and avoid contact with skin.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed. If you want more options, follow the instructions for Category C 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 butyl rubber or neoprene rubber or polyvinyl chloride or viton.
- Shoes plus socks.
- Protective eyewear.

Discard clothing and other absorbent materials that have been heavily contaminated with this product's concentrate. Do not reuse manufacturer's instructions for cleaning/maintaining PPE. If no such instructions are available, use detergent and hot water. Keep and wash PPE from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using the toilet.
- Remove PPE immediately after handling this product. Wash the inside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present.

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal.
STORAGE: Keep containers tightly closed when not in use. Keep away from heat and open flame.
PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
CONTAINER DISPOSAL: Do not reuse empty containers. Triple rinse (or equivalent). Puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: Before application, read all directions carefully and use only as directed.

For additional information, consult your local experiment station specialist, distributor, or the Abbott agricultural specialist in your area.

Ralex is a naturally occurring plant growth regulator. One fluid ounce of Ralex contains approximately one gram of active ingredient.

Refer to Application Directions for information on compatibility with other chemicals.

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

APPLICATION DIRECTIONS

SPRAY GUIDELINE FOR STONEFRUIT

Prepare spray material by mixing the required amount of product with water only in a clean, empty spray tank. Application is recommended by ground sprayer. For optimum results, uniform spray coverage of leaves, shoots and

fruits is required. Use sufficient water volume to ensure thorough wetting of the canopy.

To optimize responses make applications during periods conducive to long drying times, i.e. late afternoon through early morning. Responses may vary with species, variety, rate and application timing. Grower experience will determine the best rate, timing, and volume necessary to obtain the desired response for any individual orchard. As a range of rates is indicated, use the concentration and spray volume recommended locally. For more information, consult your local extension specialist, farm advisor, or Abbott Laboratories agricultural specialist.

- Apply only to mature bearing trees greater than five years of age.
- DO NOT exceed 48 grams/acre per season.
- DO NOT apply within five days of harvest.
- Do not apply in less than 100 gallons of water per acre.

To reduce flowering and fruiting ("thinning") the season following application:

Guide: Apply as a single spray of 16 to 48 grams/acre during the flower bud initiation period, which typically occurs from mid-May through mid-July.

Note: If fruit are present, fruit firmness may be increased. Soluble solids levels may be slightly delayed in some varieties.

*Refers to actual gibberellins.

BEST AVAILABLE COPY

PROTECTIVE EQUIPMENT (PPE)

Materials that are chemical-resistant to this product are listed below. If more options, follow the instructions for Category C on an EPA resistance category selection chart, and other handlers must wear: long-sleeved shirt and long pants. Chemical-resistant gloves, such as barrier laminate or butyl rubber or nitrile, neoprene rubber or polyvinyl chloride or viton, and socks. Eye protection, such as eyewear. Wash hands and other absorbent materials that have been drenched or contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions are available, use detergent and hot water. Keep and wash PPE separately and launder as directed.

intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

FLAMMABLE! Keep away from heat and 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.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with the label and the Agricultural Use Requirements for the protection of greenhouses, and other structures, and requirements for use in greenhouses, and other structures. It also applies to the statements and restricted entry interval (REI) for uses of this product.

Do not enter or allow entry into the structure during the restricted entry interval (REI) for uses of PPE required for Worker Protection. If Worker Protection has been treated:

- Coveralls.
- Chemical-resistant gloves (nitrile rubber or neoprene).
- Shoes plus socks.
- Protective eyewear.

ENVIRONMENTAL RECOMMENDATIONS

Do not apply to waterways, wetlands, or other sensitive areas. Do not apply to crops or plants that are not intended for consumption. Do not apply to areas where surface water is present, or to areas where surface water is likely to be present. Do not apply to areas where surface water is present, or to areas where surface water is likely to be present.

ENVIRONMENTAL HAZARDS

Do not apply to waterways, wetlands, or other sensitive areas. Do not apply to crops or plants that are not intended for consumption. Do not apply to areas where surface water is present, or to areas where surface water is likely to be present.

sufficient water volume to ensure thorough wetting of

make applications during periods conducive to longer afternoon through early morning. Responses may vary and application timing. Grower experience will determine and volume necessary to obtain the desired response. As a range of rates is indicated, use the concentration recommended locally. For more information, consult your list, farm advisor, or Abbott Laboratories agricultural

bearing trees greater than five years of age. grams/acre per season. 15 days before harvest. more than 100 gallons of water per acre.

and fruiting ("thinning") the season following single spray of 16 to 48 grams/acre during the flower bud stage, which typically occurs from mid-May through mid-

sent, fruit firmness may be increased. Soluble solids slightly delayed in some varieties.

To increase fruit firmness and improve fruit quality in the season of application:

Guide: Apply as a single spray of 16 to 48 grams/acre approximately one to four weeks prior to harvest.

Note: If application is made from mid-May through mid-July both a firmness (in season of application) and a thinning (following season) response may occur. Soluble solids levels may be slightly delayed in some varieties.

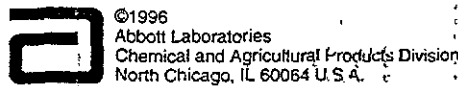
COMPATIBILITY WITH OTHER CHEMICALS

Do not mix with adjuvants, nutrients or pesticides except DiPel® or XenTari® (products of Abbott Laboratories). Data concerning the compatibility of Ralex with other agricultural compounds used on stone fruit, other than DiPel and XenTari, are not available.

NOTICE TO USER

Seller makes no warranty, expressed or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with accompanying directions.

*Refers to actual gibberellins.



Pat. 4,488,922

FOR STONE FRUIT INC

Plan

R

Active Ingredient: Gibberellins
Inert Ingredients

TOTAL

KEEP OUT OF REACH OF CHILDREN
WARNING-AVISO

Si usted no entiende la etiqueta, busque a alguien que lo ayude a entenderla. No use este producto si usted no entiende la etiqueta. Lea cuidadosamente la etiqueta y las instrucciones de uso. Consulte la parte de la etiqueta para obtener información sobre el almacenamiento y la eliminación del producto. No permita que el niño tenga acceso a este producto o que juegue con él. Mantenga todo el producto fuera del alcance de los niños, lejos de los animales y fuera del alcance de las mascotas.

AGRICULTURAL USE REQUIREMENTS
Use this product only in accordance with the label and the Agricultural Use Requirements for the protection of greenhouses, and other structures, and requirements for use in greenhouses, and other structures. It also applies to the statements and restricted entry interval (REI) for uses of this product.

Net Contents: 1 Quart (946 mL)

BEST AVAILABLE COPY

Proof A B C D E F	CARD ART	11220-04-03	Rivera	12-10-96
	Prepared by	HPD Graphics Studio		
	LIST NO.	11220-04-03		
	COMMOD.	04-1497/RA		
	LABEL EDITOR	Rivera		
DATE PREPARED				

tertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

FLAMMABLE! Keep away from heat and 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.

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 of 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. 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 butyl rubber or nitrile rubber or neoprene rubber or polyvinyl chloride or viton.
- Shoes plus socks.
- Protective eyewear.

BEST AVAILABLE COPY

fruit firmness and improve fruit quality in the season. Apply as a single spray of 16 to 48 grams*/acre approximately 4 to 6 weeks prior to harvest. Application is made from mid-May through mid-July both as a thinning (in season of application) and a thinning (following season) spray. A slight increase in fruit firmness may occur. Soluble solids levels may be slightly increased in some varieties.

COMPATIBILITY WITH OTHER CHEMICALS

Do not mix with adjuvants, nutrients or pesticides except DiPel® or XenTari® (Abbott Laboratories). Data concerning the compatibility of other agricultural compounds used on stone fruit, other than XenTari®, are not available.

WARRANTY

There is no warranty, expressed or implied, of merchantability, fitness for a particular purpose, or concerning the use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in accordance with accompanying directions.

PAL 448922
ECC 1/1/96

FOR STONE FRUIT IN CALIFORNIA, WASHINGTON AND OREGON ONLY

Plant Growth Regulator

Ralex™

Solution

Active Ingredient: Gibberellins	4.0% w/w
Inert Ingredients	96.0% w/w
TOTAL	100.0% w/w

KEEP OUT OF REACH OF CHILDREN
WARNING-AVISO

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 booklet for storage/disposal statements, additional precautionary statements and directions for use.

AGRICULTURAL USE REQUIREMENTS
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to inside booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 275-109
EPA Est. No. 33762-1A-1
LPL No. 11222-01-03

Net Contents: 1 Quart (946 ml) 04-1497/R4

CUT AT PERFORATION

gibberellins.
1996
Abbott Laboratories
Chemical and Agricultural Products Division
North Chicago, IL 60064 U.S.A.

Proof A B C D E F	CAPD ART	Prepared by	HPD Graphics Studio
	LIST NO.	11220-04-03	
	COMMOB. NO.	04-1497/R4	
	LABEL EDITOR	RIVERIA	
	DATE PREPARED	12-10-96	
	DRAWING NUMBER		
	ARTIST	AH/RW	
	FORMULA & LABEL CONTROL APPROVAL D-481		
	APPROVED BY		
	DATE	12-12-96	
*NOT VALID UNLESS FINAL PROOF CARRY APPROVAL SIGNATURE			
COLOR SEPARATIONS	PMS Black	PMS 166C	
ECC 1/1/96			