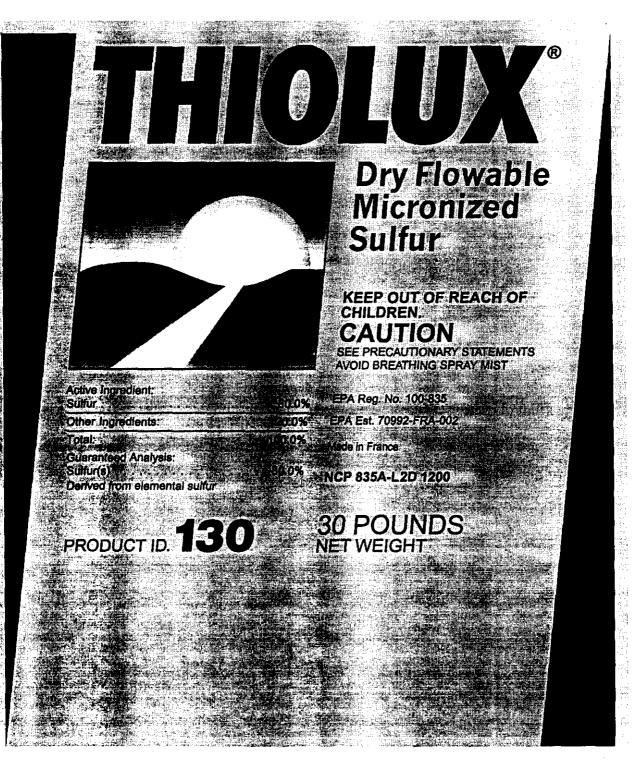
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100 - 835 Please read instructions on reverse before completing for	2/28/2001		ing the manuscriptor in this of the property of the second
United State Environmental Protect Washington, DC	s ction Agency	Registration Amendment X Other	OPP Identifier Number notification
Applica	tion for Pesticide - Se	ction I	
Company/Product Number	2. EPA Produ		. Proposed Classification
100-835	Mary Waller		
4. Company/Product (Name) Thiolux NCP 835A-L2D 1200	PM# 21		X None Restricted
 Name and Address of Applicant (Include ZIP Code) Novartis Crop Protection, Inc. P. O. Box 18300 Greensboro, NC 27419 		Review. In accordance villar or identical in composition	with FIFRA Section 3(c)(3) (b)(i), sition and labeling to:
Check if this is a new address	Product Name		
CHOCK II BIID IO & HOW AUGIESS			······································
	Section - II		
Amendment - Explain below. Resubmission in response to Agency letter dated		Final printed labels in res Agency letter dated "Me Too" Application.	NOTIFICATION
X Notification - Explain below.		Other - Explain below.	FEB 2 8 2001
Explanation: Use additional page(s) if necessary. (For	or Section I and Section II.)		
Change in Establishment Number.			
	Section - III		
1. Material This Product Will Be Packaged In: Child-Resistant Packaging Yes* No Certification must be submitted 1f "Yes" Unit Packaging wgt. conta	1	No. per container	e of Container Metal Plastic Glass Paper Other (Specify)
3. Location of Net Contents information 4. 8	Size(e) Peteil Container	5. Location	n of Label Directions
Location of Net Contents Information Label	Size(s) Retail Container		n or Label In Label In Labeling accompanying product
6. Manner in Which Label is Affixed to Product	Lithograph Paper glued Stenciled	Other	; . ·
Contract Paint (Constitution of the Constitution of the Constituti	Section - IV		
Contact Point (Complete items directly below for identification) Name Lee Hubbard	Title Senior Regulatory	Te	elephone No. (Include Area Coe),
Cer I certify that the statements I have made on this form and I acknowledge that any knowingly false or misleading state both under applicable law.			6. Date Application sets. Received Stamped, Stamped,
2. Signature	3. Title Senior Regulatory Mar	nager	•••••
4. Typed Name	5. Date February 21, 2001		



U NOVARTIS

Statement of Practical Treatment

If on skin: Wash with soap and plenty of water. Get medical attention.

If in eyes: Flush eyes with plenty of water for at least fifteen minutes and get medical attention.

If Inhaled: Remove victim to fresh air.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if inhaled or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

CONDITIONS OF SALE AND WARRANTY

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Novartis Crop Protection, Inc. or the Seller. All such risks shall be assumed by the Buyer.

Novartis warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. Novartis makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Novartis or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. Novartis and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Novartis.

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 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 24 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:

- Coverails
- · Waterproof gloves
- · Shoes plus socks
- Protective eyewear

FAILURE TO FOLLOW THE DIRECTION FOR USE AND THE PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR PEST CONTROL, OR ILLEGAL RESIDUES.

Thiolux is recommended for control of listed plant diseases, insects and spider mites on fruits, vegetables, and ornamentals when used as directed. Additionally, Thiolux is a readily available source of sulfur, a necessary plant nutrient.

GENERAL INFORMATION

Some crops are susceptible to injury from sulfur under certain climatic conditions. The user is advised not to use on any crop unless local use has proven sulfur to be safe in that locality. Sulfur may burn foliage or cause fruit injury when temperatures are excessively high. Do not apply at such times. Do not apply to or allow spray drift on sulfur sensitive plants such as apricots, cranberries, spinach. Apply only to dormant Anjou pears. Do not use within two (2) weeks of an oil treatment, except for dormant sprays on pears and apples. For citrus, do not apply within 21 days of an oil application. Follow all other label directions or precautions as indicated. When growing crops for processing, consult processor before applying sulfur.

Nutrient Use

Thiolux applications will provide sulfur for the plant's nutrient requirements and should be considered in the total plant nutrient applications. Thiolux can be used as a micronutrient supplement by either foliar or soil application. Thiolux is recommended but not limited to use on the following crops: alfalfa, almonds, avocados, apples, barley, all beans, broccoli, cabbage, cauliflower, carrots, citrus, corn, grapes, lawns, melons, nectarines, pears, peaches, peppers, plums, prunes, potatoes, peanuts, sorghum, soybeans, sugar beets, strawberries, tomatoes, turnips, walnuts, watermelons, and wheat. Consult your State Agricultural Experimental Station or Extension Specialist for advice in selecting treatments to best fit local conditions.

DIRECTIONS FOR APPLICATION

Fill spray tank half full with water. Pour needed amount into spray tank under agitation. If necessary, add a few drops of oil to avoid foaming. Maintain agitation throughout spray operation.

Use lower recommended rates on following host and pest recommendation table when using concentrate equipment. Use higher rates when using dilute applications.

Dilute Application

Ground Application - Apply specified rate in 20-60 gals, of water per acre.

Orchard Application - Apply specified rate in 100 - 800 gals, of water per acre.

Concentrate Application

Ground Application - Apply specified rate in 5 gals, or more water per acre.

Orchard Application – Apply specified rate in 20-100 gals, of water per acre. Special concentrate equipment is necessary for these uses.

Aerial Application

Apply specified rate in 3 - 20 gals, of water per acre. Orchard rates should not be applied in less than 10 gals, of water per acre.

Chemigation

Thiolux may be applied through sprinkler systems including center pivot, lateral move, end tow, side wheel roll, traveler, big gun, solid set, and hand move. Do not apply Thiolux through any other type irrigation system. Do not apply Thiolux through any irrigation system when wind speed favors drift beyond the area intended for treatment.

Crop injury or lack of effectiveness can result from uneven distribution of treated irrigation water. For center pivot systems, apply during one full revolution of the system. For other systems listed above (i.e., portable or solid set systems), apply during the final 15 minutes of the irrigation period. Do not operate irrigation system after application until deposit has thoroughly dried. If you have questions about system operation or calibration, contact State Extension Service specialists or chemigation equipment manufacturers.

THE FOLLOWING PRECAUTIONS MUST BE OBSERVED WHEN APPLYING PESTICIDES AND PLANT NUTRIENTS THROUGH IRRIGATION SYSTEMS:

- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place. Public water system means any system for provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
- Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- The pesticide injection system must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the
 intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the
 supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when
 the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the
 point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

гор	Pest	ibs./A
falfa, cotton	Atlantic mite, red spider mite	3-5
pply as needed.		
monds, cherries, nectarines, peaches, plums, prunes	brown rot blossom, blight, cherry leafspot, powdery mildew, rust, scab, leafspot, silver mile, flat mite, red spider mite	10-30
pply at bloom or early petal fall. Repeat as necessary, usually 10-14 days after a paaches and prunes, apply anytime from late spring to fall in a preventative program		to ripen. For r
pples, pears	powdery mildew, scab, blister mite, red spider mite	10-30
oply at pre-bloom and petal fall. Apply with cover sprays throughout the season. I nly while dormant.	Cormant applications with oil may be made to apples and pears. A	Apply to Anjou
sparagus	rust	10-30
pply after cutting stops. Irrigate and cultivate before applying; repeat at 7 to 10-da	y intervals throughout the season.	
rocados	brown mite	10-30
pply as needed.		
arley, corn. oats, rye, sorghum, soybean, wheat	suppression – red spider mite, two-spotted mite, grass banks mite, Pacific mite; control – Atlantic mite (small grain only),	6
the state of the s	powdery mildew (soybean only)	7.5-12
pply when disease first appears and repeat as necessary or with the regularly sc		0.40
eans, peas, potatoes, rutabagas, turnips	powdery mildew, rust, red spider mite	3-10
egin applications in early leaf stage. Repeat application every 10-14 days with or		
occoii, brussel sprouts, cabbage, cauliflower, collards, ale, pappers	powdery mildew, rust, red spider mite	3-5
egin applications in early leaf stage. Repeat application every 10-14 days with or	without pesticides immediately after rainfall.	
ackberries, boysenberries, gooseberries, loganberries	powdery mildew	6-15
egin application when new shoots are 6 inches long and before blossoms open o	r when disease first appears. Repeat at 7 to 10-day intervals or a	
ueberries, currants, dewberries, huckleberries	powdery mildew	5-10
egin application when new shoots are 6 inches long and before blossoms open of	r when disease first appears. Repeat at 7 to 10-day intervals or a	s necessary.
arrots, garlic, onions	Petrobia mite, powdery mildew	3-10
pply when the disease first appears and repeat as needed.		
itrus	flat mite, aardvark mite, silver mite, rust mite, bud mite, red spider mite, six spotted mite, thrips, yuma spider mite	8-20
apply in any spray NOT CONTAINING OIL or 21 days following oil treatment.		
ucurbits – cucumbers	powdery mildew	4-6 6-15
melons squash	powdery mildew powdery mildew	6-15 4-10
legin application when disease first appears. Repeat at 10 to 14-day intervals or emperatures reach 95° F. Do not use on sulfur sensitive varieties.	as necessary throughout the growing season. Sulfur can injure pla	ants, especially
prapes	powdery mildew, bud mite, blister mite, red spider mite	6
egin application in late dormant stage or with cutworm spray in early shoot perio	d. Repeat throughout season on 14-day schedule or with pesticide	os.
nangoes	powdary mildew	10-30
egin applications before bloom, repeat in-bloom, after fruit set, and 3 weeks later	or as necessary.	
eanuts	rust, red spider mite, leafspot	3-5
legin application in early leaf stage. Repeat applications as necessary, usually in	10-24 days.	
	powdery mildew	4-6
eppermint, spearmint		
		10-30
apply when mint is 5-6 inches tall or when disease appears. Repeat twice at 30-d	citrus flat mite	
reppermint, spearmint Apply when mint is 5-6 inches tall or when disease appears. Repeat twice at 30-d bistachio Begin application when mites are first detected. Repeat applications as necessary		
apply when mint is 5-6 inches tall or when disease appears. Repeat twice at 30-distachio		6-15
upply when mint is 5-6 inches tall or when disease appears. Repeat twice at 30-distachio istachio legin application when mites are first detected. Repeat applications as necessary	powdery mildew	6-15
upply when mint is 5-6 inches tall or when disease appears. Repeat twice at 30-distachio legin application when mites are first detected. Repeat applications as necessary aspberries	powdery mildew	6-15 5-10

Crop	Pest	lbs./A
sugar beets	powdery mildew, red spider mite	10-20
Apply at 10 to 30-day intervals with or without other pesticides at first sy	mptoms.	
table beets	powdery mildew, red spider mite	3-5
Apply at 10 to 30-day intervals with or without other pesticides at first sy	mptoms.	
tomatoes	russet mite, powdery mildew	6-20
Apply at first symptoms. Thorough coverage is required.		
walnuts	Pacific mite, almond mite, two-spotted mite,	10-20
	red spider mite	
sensitive to sulfur sprays under certain conditions. Do not apply unless	ix with chemical mite sprays to increase effectiveness. CAUTION -	Certain varieties of walnuts
sensitive to sulfur sprays under certain conditions. Do not apply unless	ix with chemical mite sprays to increase effectiveness. CAUTION -	Certain varieties of walnuts
sensitive to sulfur sprays under certain conditions. Do not apply unless to Ornamentals, Grass Seed Production	ix with chemical mite sprays to increase effectiveness. CAUTION -	Certain varieties of walnuts (ground) all → 3 - 1(air) all → 3 - 20
sensitive to sulfur sprays under certain conditions. Do not apply unless t Ornamentals, Grass Seed Production Ornamentals – ail (see below	ix with chemical mite sprays to increase effectiveness. CAUTION – the varieties are known to be tolerant of sulfur.	(ground) all → 3 - 10
sensitive to sulfur sprays under certain conditions. Do not apply unless t Ornamentals, Grass Seed Production Ornamentals – all (see below for host and pest)	ix with chemical mite sprays to increase effectiveness. CAUTION – the varieties are known to be tolerant of sulfur.	(ground) all → 3 - 10
Sensitive to sulfur sprays under certain conditions. Do not apply unless to Ornamentals, Grass Seed Production Ornamentals – ail (see below for host and pest) Apply as aqueous spray for complete plant coverage. Begin when disea asters, carnations, cosmos, crepe myrtle, dahlia, delphinium.	ix with chemical mite sprays to increase effectiveness. CAUTION – the varieties are known to be tolerant of sulfur. se first appears and repeat at 5 to 10-day intervals as necessary.	(ground) all → 3 - 10
Sensitive to sulfur sprays under certain conditions. Do not apply unless to the conditions of the condition	ix with chemical mite sprays to increase effectiveness. CAUTION – the varieties are known to be tolerant of sulfur. se first appears and repeat at 5 to 10-day intervals as necessary. powdery mildew	(ground) all → 3 - 10
Apply as aqueous spray for complete plant coverage. Begin when disea asters, carnations, cosmos, crepe myrtle, dahlia, delphinium, gladiolus, ligustrum, sunflowers, sweet peas, violets, zinnias calendula, cherry laureis, chrysanthemums, hollyhock, smilax	ix with chemical mite sprays to increase effectiveness. CAUTION – the varieties are known to be tolerant of sulfur. se first appears and repeat at 5 to 10-day intervals as necessary. powdery mildew leafspot, powdery mildew	(ground) all → 3 -1

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Must be stored under dry conditions.

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: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary land-fill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Personal Protective Equipment

Applicators and other handlers must wear:

- . Long-sleeved shirt and long pants
- · Waterproof gloves

tank mix through any irrigation system.

- · Shoes plus socks
- · Protective eyewear

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.

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

For terrestrial uses, 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 apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment and when disposing of equipment wash waters.

Physical and Chemical Hazards

Sulfur dust suspended in air ignites easily. Keep away from heat, sparks, and flame. Do not smoke while applying this product.

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