

 United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide - Section I

1. Company/Product Number 2935-484	2. EPA Product Manager J Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) CAPTAN 4000 FLOWABLE SEED PROTECTANT	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Wilbur-Ellis Company PO Box 1286 Fresno CA 93715 <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 SEP 15 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.)
 Warranty statements have been updated.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
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			<input checked="" 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 Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2.5 gallons		5. Location of Label Directions <input checked="" type="checkbox"/>	
6. Manner in Which Label is Affixed to Product			<input checked="" type="checkbox"/> Lithograph Paper glued 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 Linda D Pearce	Title Registration Specialist	Telephone No. (Include Area Code) 559 457-2235
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 Received (Stamped)
2. Signature <i>Linda D Pearce</i>	3. Title Registration Specialist	
4. Typed Name Linda D Pearce	5. Date August 28, 2003	

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NU-GRO CAPTAN 4000

NOTIFICATION

SEP 15 2003

FLOWABLE SEED PROTECTANT
Agricultural Fungicide, Aqueous Suspension

ACTIVE INGREDIENTS:

*Captan	37.70%
Related Derivatives	0.82%
INERT INGREDIENTS	61.48%
TOTAL	100.00%

*N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide
(Contains 4 pounds of Active Ingredient per gallon.)

EPA Reg. No. 2935-484

EPA Est. No. 2935-CA-01

KEEP OUT OF REACH OF CHILDREN
DANGER / PELIGRO

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.)

FIRST AID	
Have the product container or label with you when calling a poison control center or doctor, or going for 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 eyes. Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	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 SWALLOWED:	Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF INHALED:	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.

Freezing and thawing do not affect product quality and integrity. Always agitate or shake the product well before use.

WARRANTY STATEMENT

WILBUR-ELLIS COMPANY warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. 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 WILBUR-ELLIS COMPANY. In no case shall WILBUR-ELLIS COMPANY be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall not exceed the purchase price paid for this product or at WILBUR-ELLIS COMPANY'S election, the replacement of this product. WILBUR-ELLIS COMPANY MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, except for the purposes of curative control of existing diseases or insect pests, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Wilbur-Ellis Company, no claims are made to guarantee germination of carry-over seed. WILBUR-ELLIS Logo® and IDEAS TO GROW WITH® and NU-GRO® are registered trademarks of WILBUR-ELLIS Company.

In Case of Emergency, Call CHEMTREC: (800) 424-9300

NET CONTENTS: _____

Manufactured in U.S.A. for: WILBUR-ELLIS, P.O. BOX 16458 -- FRESNO, CALIFORNIA 93755

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER**

CORROSIVE. Causes irreversible eye damage. Harmful if swallowed or inhaled. Harmful if absorbed through skin. Avoid contact with eyes, skin and clothing. Avoid breathing vapor. May cause allergic skin reactions.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are polyethylene and polyvinyl chloride. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

All mixers, loaders, applicators, flaggers and other handlers (including handlers participating in transplanting as part of root-dip treatments must wear: Long-sleeved shirt and long pants; Shoes plus socks; Chemical resistant gloves made of any waterproof material; Chemical resistant apron when participating in dip treatments; Goggles or a 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.

When handlers use closed systems 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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not clean equipment or dispose of equipment washwaters in a manner that will contaminate water resources. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil.

USER SAFETY RECOMMENDATIONS

USERS SHOULD

- 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- 2) Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 3) 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.

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), notification to workers 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 for planter box-type seed treatment uses. Exception: Once the seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no contact with the soil/media subsurface.

48 hours for soil treatments and root dips: For soil and greenhouse bench treatments and root dips, once the treatment and any seeding or transplanting tasks done as part of the treatment are complete, the 48-hour REI begins. Exception, once the seeds or transplants are planted in the soil, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no contact with the soil subsurface.

Early Entry PPE: 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; Protective eyewear; Chemical-resistant gloves made of any waterproof material; Shoes plus socks.

SPECIAL USE PRECAUTIONS

IMPORTANT: Treated seed must not be used for human consumption nor for animal feed.

The Federal government and most states have seed laws or regulations requiring that an appropriate statement be affixed to bags containing treated seed, such as: "Treated Seed - Do Not Use for Feed, Food or Oil Purposes." Always use Captan 4000 with an EPA approved dye or colorant that imparts an unnatural color to the seed.

Captan 4000 Flowable Seed Protectant is an aqueous suspension suitable for the treatment of seed prior to storage and planting, to protect seed from molds and other fungi causing storage loss and to protect seed from seed-borne and soilborne fungi which cause seed decay, damping-off and seedling blights.

Read all directions before using and use only as specified on the label. Use only as recommended for claims listed.

IMPORTANT: Before using – stir thoroughly to mix contents.

DIRECTIONS FOR USE:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

NOT FOR USE ON AGRICULTURAL ESTABLISHMENTS IN HOPPER BOX, PLANTER BOX, SLURRY-BOX OR OTHER SEED TREATMENT APPLICATIONS AT OR IMMEDIATELY BEFORE PLANTING.

Thoroughly mix the recommended amount of Captan 4000 into the required amount of water for the slurry treater equipment and dilution rate to be used. Clean equipment thoroughly between treating operations.

NOTE: Seed treated by the slurry method should not be bagged until such time as the seed has had an opportunity to dry. Store in well ventilated areas. If seed is bagged when wet, heat is developed and impairs seed germination.

The following tables gives recommended amounts of Captan 4000 Flowable Seed Protectant to use on various seed. Use higher rates in the range in areas where high stress conditions are anticipated

SEED TREATMENT DOSAGE RATES

SEED	DOSAGE
Alfalfa, Clover, Lespedeza, Trefoil	5 to 8 fl. oz./100 lb.
Beans (Snap, dry, cowpeas)*	2 to 2.6 fl. oz./100 lb.
Beets (Garden)	8 to 12 fl. oz./100 lb.
Cereal Grains (for seed and seedling rots - will not control bunt smut)	
Barley, Rye	2 to 3 fl. oz./100 lb.
Oats	2 to 4 fl. oz./100 lb.
Wheat	1-1/2 to 2 fl. oz./100 lb.
Cole Crops (Broccoli, Brussels Sprouts, Cabbage, Cauliflower)	1 to 2 fl. oz./100 lb.
Corn - Field	1-1/4 to 2.2 fl. oz./100 lb.
-Sweet	2 to 4 fl. oz./100 lb.
Cotton - Acid Delinted	2-1/2 to 5 fl. oz./100 lb.
-Reginned	3-1/2 to 7 fl. oz./100 lb.
-Fuzzy	3-1/2 to 7 fl. oz./100 lb.
Cucumber, Cantaloupe	1-1/2 to 3 fl. oz./100 lb.
Flax	2 to 3-3/4 fl. oz./100 lb.
Grasses	5 to 8-1/4 fl. oz./100 lb.
Milo	4 to 6 fl. oz./100 lb.
Onions (Pelleting)	1-1/2 pt./lb.
Peanuts	6 fl. oz./100 lb.
Peas, Lentils	2-1/2 fl. oz./100 lb.
Peppers (California Wonder)	2 to 3 fl. oz./100 lb.
Sorghum (Hulled)	1-3/4 to 4-1/2 fl. oz./100 lb.
Soybeans	1-1/2 to 2-1/2 fl. oz./100 lb.
Spinach	4 to 6 fl. oz./100 lb.
Squash, Pumpkin, Watermelon, Muskmelon	1-1/2 to 2 fl. oz./100 lb.
Sugar Beets - West	6 fl. oz./100 lb.
-East	12 fl. oz./100 lb.
Sunflowers	2 to 4 fl. oz./100 lb.
Swiss Chard	10 to 12 fl. oz./100 lb.

Gladiola Bulbs - Prevention of bulb rot - use 0.6 fl. oz. in 1 gallon water; (1-1/2 - 3-3/4 pints in 100 gallons). Soak bulbs in mixture 20 to 30 minutes.

*Do not use on lima beans.

Further specific information on the subject of seed treatment may be obtained from State Agricultural Experiment Stations or the State Agricultural Extension Service.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited. Do not reuse empty container.

PESTICIDE STORAGE: Keep pesticide in original container. Store in a cool dry place.

PESTICIDE DISPOSAL: Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. 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: Triple rinse (or equivalent). Then offer for recycling, 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.

TREATED SEED DISPOSAL: To dispose of out-of-date or otherwise unmarketable seed which has been treated with Captan for seed protectant purposes: Broadcast and lightly incorporate seed into field soils using disc or other suitable implement. If rate of Captan contained on the seed is unknown, have seed analyzed by a qualified analytical laboratory to determine. Do not plant seed at a seeding rate which will result in the application of more than 32 pounds of Captan per acre per year. Any resulting crop may be destroyed by chemical or mechanical means, or, if useful for food or feed purposes, may be harvested for that use.

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August 28, 2003

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504C)
US Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington D.C. 20460

SUBJECT: Notification per PR Notice 98-10: Captan 4000, EPA Reg. No. 2935-484
Updated Warranty Statements

Dear Sir or Madam:

The Warranty Statement has been updated and the revision code is now F-803. The warranty statements are consistent with 40 CFR Part 156.

I have attached three copies of the label along with form 8570-1.

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 18U.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.

Please call me at (559) 457-2235 or e-mail to lpearce@wecon.com if you have any questions.

Sincerely,

WILBUR-ELLIS COMPANY

LINDA D. PEARCE
Registration Specialist,
Product Regulatory Department

Enclosure(s)

WILBUR-ELLIS COMPANY
PRODUCT REGULATORY DEPARTMENT
P.O. Box 1286, FRESNO, CALIFORNIA 93715
TEL (559) 457-2235 * FAX (559) 233-4571 * lpearce@wecon.com

