

APR 27 1990

Mr. S. K. Theodorakis
ICI America, Inc.
Agricultural Products - R & MA
Concord Pike and New Murphy Road
Wilmington, DE 19897

Dear Mr. Theodorakis:

Subject: Captan Vitavax® 20-20 Seed Protectant
EPA Registration No. 10182-321
Application To Amend Registration Dated April 9, 1990

The subject labeling submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended is acceptable provided that you:

1. Under "Directions" correct the typographical errors and misspellings such that the first paragraph reads as follows:

Captan Vitavax 20-20 Seed Protectant is a formulation specifically designed for treatment of wheat, oat and barley seed on the farm at planting time. It controls covered smut (Tilletia caries and Tilletia foetida) and loose smut (Ustilago nuda) on wheat, covered smut (Ustilago kollerii) and loose smut (Ustilago avenae) of oats and covered smut (Ustilago hordei) and loose smut (Ustilago nuda) of barley. It also tends to reduce seed rot and seedling blight caused by soil fungi.

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2. Submit five (5) printed copies of the final printed labels before releasing the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA, Section 6(e). Your release for shipment of the product constitutes acceptance of this condition.

The name change is acceptable and has been added to the record for this product.

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

Sincerely yours,

Joanne I. Miller
Acting Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H-7505C)

Enclosure

E.Wilson: Diskette #63 04-26-90

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Captan Vitavax® 20-20 Seed Protectant

Active Ingredients	By Wt.
*Captan	19.6%
Related Derivatives.	0.4%
**Carboxin	20.0%
Inert Ingredients	<u>60.0%</u>
	100.0%

* N-trichloromethylthio-4-cyclohexene-1,2-dicarboximide
**5,6-Dihydro-2-methyl-1,4 oxathum-3-carboxanilide

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panel for additional precautionary statements

ICI Agricultural Products
ICI Americas Inc.
Wilmington, DE 19897

NET WEIGHT

EPA Reg. No. 10182-321
EPA Est. No.

ACCEPTED
with COMMENTS
in EPA Letter ~~Dated~~

APR 27 1990

Insecticide
Fungicide Act
pesticide
EPA Reg. No.
10182-321



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS DANGER

Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. Wear goggles or face shield when handling. Avoid contact with skin and clothing. Avoid inhalation of dust. Remove and separately launder clothing before reuse.

STATEMENT OF PRACTICAL TREATMENT

If swallowed contact physician, poison control center, or emergency clinic before inducing vomiting. Give water or milk to drink and induce vomiting by touching back of throat with finger, or by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person. If medical advice cannot be obtained, take person and a copy of the label or technical bulletin to the nearest emergency treatment facility.

If in eyes, wash eyes with fresh water for at least 15 minutes and see a doctor. If on skin, wash skin with soap and water. If inhaled, remove person from exposure area.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE CALL 1-800-F-A-S-T-M-E-D (327-8633).
FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC
1-800-424-9300.

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.



DIRECTIONS FOR USE

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

READ ENTIRE LABEL USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

Mixers/loaders when mixing and loading this product must wear a long sleeved shirt and long pants or a coverall that covers all parts of the body except the head, hands and feet. Wear chemical resistant gloves, goggles or a face shield and a chemically resistant apron.

A dust mask must be worn when mixing and loading this product.

AFTER WORK: Take off all clothes and shoes. Shower using soap and water. Do not wear contaminated clothing. Wash protective clothing and equipment with soap and water after each use. Personal clothing worn during use must be laundered separately from household articles. Clothing and protective equipment heavily contaminated or drenched with captan must be destroyed according to state and local regulations.

DIRECTIONS: MEASURING CUP ENCLOSED
(One level cup holds approximately 4 ounces of product.)

Captan Vitavax 20-20 Seed Protectant is a formulation specifically designed for treatment of wheat, oat and barely seed on the farm at planting time. It controls covered smut (Tilletia caries and Tilletia loetida) and loose smut (Ustilage nuda) on wheat, covered smut (Ustilage kollen) and loose smut (Ustilage avenae) of oats and covered smut (Ustilage herdei) and loose smut (Ustilage nuda) of barley. It also tends to reduce seed rot and seedling blight caused by soil fungi.

Wheat	
Oats	Use 4 oz. per 100 lbs. of seed.
Barley	

Captan Vitavax 20-20 Seed Protectant also controls various seed and seedling diseases of soybeans.

Soybeans	Use 3 oz. (3/4 cup) per bushel.
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Apply as a drill-box treatment, mixing thoroughly with the seed before planting. For best results, the following procedure is suggested: Fill drill-box only half full of seed, add half the required amount of Captan Vitavax 20-20 Seed Protectant and mix thoroughly with a stick. Then add remainder of seed to drill-box and add the rest of the required amount of product to the seed, again mixing thoroughly.

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Good results are also obtained by premixing seed with the product in a suitable container, then pouring treated seed into drill-box.

Do not use treated seed for food, or oil purposes. Do not graze or feed livestock on treated areas for six weeks after planting. Seeds treated with Captan Vitavax 20-20 Seed Protectant, sold or shipped as feed or food-stuffs may be considered adulterated under state and federal laws. Treated seed should be labeled as follows: "TREATED SEED. DO NOT USE FOR FOOD, FEED ON OIL."

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.
Open dumping is prohibited.

STORAGE

Keep pesticide in original container.
Do not concentrate or dilute into food or drink containers.
Store in cool, dry place.
Protect from excessive heat.
Do not store or transport near feed or food.
For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-424-9300.

PESTICIDE DISPOSAL

This product is acutely hazardous. 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). Do not reuse container. 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.

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NOTICE TO BUYER AND USER: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Seller, and Buyer and User assume the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.