

SEP 29 1994

Ms. Dana E. Sargent
Zeneca Inc.
Zeneca Agricultural Products
1606 Concord Pike
Wilmington, DE 19897

Dear Ms. Sargent:

subject: Zeneca Clean Crop Co., tan WSP fungicide
EPA Registration No. 10162-333
Applications Dated September 2, 1994, request
to revise dosages for seed treatments and to
reformat personal protective equip. and directions.

The proposed labeling resubmitted with your application
of September 2, 1994 has been reviewed and found acceptable
for registration under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, provided that you:

o submit one (1) copy of the final printed label before
releasing the product for shipment.

If this condition is not complied with, the registration
will be subject to cancellation in accordance with FIFRA,
Section 5(e). Your release for shipment of the product
constitutes acceptance of this condition.

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

Sincerely yours,

Joanne R. Miller
Product Manager (23)
Fungicide-Rodenticide Branch
Registration Division (70000)

Enclosure

B.Wilson: DisketteABC14:09-28-94

BEST AVAILABLE COPY

CLEAN CROP CAPTAN WSP
SEED PROTECTANT FUNGICIDE IN WATER SOLUBLE PACKET

Contains No Binder
Prevents Seed Rot and Damping-off Diseases
May Be Used In Slurry Treaters

DOES NOT CONTAIN DYE

ACTIVE INGREDIENTS:

*Captan	61.5%
Related Derivatives	1.4%
INERT INGREDIENTS:	<u>37.1%</u>
TOTAL	100.0%

*N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide

EPA Reg. No. 10182-333
EPA Est. No.

Net Contents:

KEEP OUT OF REACH OF CHILDREN

D A N G E R - 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.)

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

ACCEPTED
with COMMENTS
In EPA Letter Dated

SEP 29 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

10182-333

Made in U.S.A.
ZENECA Ag Products
ZENECA Inc.
Wilmington, DE 19897

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STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Immediately flush eyes with fresh water for 15 minutes and get medical attention.

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 to the nearest medical emergency treatment facility.

IF ON SKIN: Wash with plenty of soap and water. See a doctor if irritation occurs or rash develops.

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.

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.~~

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers (other than mixers and loaders) must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Mixers and Loaders must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear
- Chemical-resistant apron when mixing or loading
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

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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.

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.
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ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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 contaminate water when disposing of equipment washwaters. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil.

NOTE TO USER: Federal Government and most states have seed laws and regulations requiring an appropriate caution statement be affixed to bags containing treated seed such as: "Treated Seed - Do Not Use For Food or Feed."

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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.

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.

Not for use on agricultural establishments in hopper-box, planter-box, slurry-box, or other seed-treatment applications at or immediately before planting.

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. Do not store under conditions which might adversely affect the container or its ability to function properly. Such conditions include, but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and penetration of moisture.

STORAGE: Store in a safe manner. Store in original container only. Store in cool, dry place. Keep container tightly closed when not in use. Reduce stacking height where local conditions, such as humidity or pallet overhang can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling.

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: Dispose of empty bag in sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

~~Wear goggles or face shield when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and separately launder clothing before reuse. 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, dust mask and chemically resistant apron. Field workers and harvesters must wear chemical resistant gloves if entering treated areas within 4 days following application. Leather or fabric gloves are not acceptable.~~

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~~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.~~

Clean Crop Captan WSP Seed Protectant Fungicide has no adverse effect on seed germination or planting rate when used as directed. It is used in preventing seed rot and damp-off diseases on germinating seeds and seedlings and smut on onion and hulled sorghum seeds.

USE PRECAUTIONS

To comply with 21 CFR Chapter 1, Section 2.5, all seed treated with Clean Crop WSP Seed Protectant Fungicide must be colored to distinguish and prevent subsequent inadvertent use as a food for man or feed for animals.

MIXING DIRECTIONS

Fill the mix tank one-half to two-thirds full with water. After removing from the waterproof bag, place the desired number of 7.5 lb. CAPTAN WSP SEED PROTECTANT FUNGICIDE water soluble packets into the mix tank, then start the agitator and add the colorant to the mix tank. If other seed protectant products are added to the mix tank they should be added after the CAPTAN WSP SEED PROTECTANT FUNGICIDE and in the following order: wettable powders, wet or dry flowables, emulsifiable concentrates, soluble powders or liquids, and always add the binder last! Bring the mixture volume up to the desired level by adding water. Treat seed by adjusting your seed treatment machine to apply the rates given in the following table.

NOTE: The ...aterials in the mix tank must be agitated continuously during the mixing process.

GLADIOLUS CORMS: For prevention of Bulb Rot - Use at the rate of 1 3/4 ozs. Clean Crop Captan WSP Seed Protectant Fungicide per 1 gal. water (17 1/2 ozs. to 10 gals.). Soak corms in mixture for 20 to 30 minutes.

ONION SEED PELLETTING: Use at the rate of 18 1/2 ozs. Clean Crop Captan WSP Seed Protectant Fungicide per 1 lb. of seed plus 1/4 pt. methyl cellulose 5% solution.

SLURRY TREATMENT: When used in Slurry treaters, do not allow mixtures to stand overnight. Clean out equipment thoroughly between operations.

Binder must be added to the mixing tank at the rate of two (2) quarts of binder per 30 pounds of Clean Crop Captan WSP Seed Protectant Fungicide.

The following table gives rate of Clean Crop Captan WSP Seed Protectant Fungicide to use on various seeds. Do not use on baby lima beans.

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SEED	RATE	LBS SEED TREATED/ LB OF PRODUCT
CLOVER, ALFALFA	6 ¼ oz./100 lbs 3 ¾ oz./bu	260
SOYBEANS	2 oz./100 lbs 1 ¼ oz./bu	800
TURNIP	2 ¼ oz./100 lbs	710
COTTON - Acid Delinted	2 ¼ oz./100 lbs	710
COTTON - Machine Delinted Fuzzy (not delinted)	3 ½ oz./100 lbs	460
BLUE GRASS	6 ¼ oz./100 lbs	260
CABBAGE, CAULIFLOWER, RADISH, BROCCOLI, BRUSSELS SPROUTS	1 ¼ oz./100 lbs	1280
SPINACH, EGGPLANT	4 ¼ oz./100 lbs	360
SORGHUM hulled (Kernel Smut)	3½ oz/100 lbs	460
PEPPERS	2¼ oz/100 lbs	710
COWPEAS	2 ¼ oz./100 lbs 1 ½ oz./bu	710
RYE	2 oz./200 lbs	800
SESAME	1 ¼ oz./100 lbs	1280
CORN - Field	1 - 2 oz./100 lbs 0.5 - 1.0 oz./bu	800 - 1600
CORN - Sweet	1.6 - 3.2 oz./100 lbs 0.93 - 1¾ oz./bu	500 - 1000
WHEAT	1 ½ oz./100 lbs ¾ oz./bu	1070
OATS	2 ¾ oz./100 lbs ¾ oz./bu	710
FLAX	3 oz./100 lbs 1 ½ oz./bu	530
BEANS (except Baby Limas), PEAS	1.6 - 2 oz./100 lbs 1.0 - 1¼ oz./bu	800 - 1000
LENTILS (Washington & Idaho only)	2 oz./100 lbs	800
CARROT	7 oz./100 lbs	230

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SEED	RATE	LBS SEED TREATED/ LB OF PRODUCT
CUCUMBERS, CANTALOUPE	2 ¼ oz./100 lbs	710
SQUASH, PUMPKIN, WATERMELON	1 ½ oz./100 lbs	1070
BEETS, SWISS CHARD	9 ¼ oz./100 lbs	170
RUTABAGA	3 ½ oz./100 lbs	460
SUGAR BEETS	9 ¼ oz./100 lbs	170

IMPORTANT: Do not feed treated seed to animals. Do not use treated seed for human consumption. Seeds treated with Clean Crop Captan WSP Seed Protectant Fungicide, sold or shipped as feed or foodstuffs may be considered adulterated under state and Federal laws. Treated seed must be labeled as follows: "TREATED SEED. DO NOT USE FOR FOOD, FEED OR OIL."

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 a 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 seedling 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.

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.

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