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EPA Reg. No. 239-2458

ORTHOCIDE VITAVAX 20-20 Seed Protectant  
EPA Reg. No. 239-2458  
Submitted: February 22, 1985

COPY A

ORTHOCIDE VITAVAX 20-20 Seed Protectant also controls various seed and seedling diseases of soybeans.

Soybeans

Use 3 oz. ( 3/4 cup) per bushel.

**CONFIDENTIAL**  
PROPERTY OF  
**CHEVRON CHEMICAL COMPANY**  
UNTIL ACCEPTED BY EPA

**ACCEPTED!**  
MAY 14 1985  
Under the Federal  
Fungicide  
Insecticide  
Registration Act  
EPA Reg. No. 239-2458

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ORTHO

# ORTHO VITAVAX® 20-20 Seed Protectant

### 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 put 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 (415) 233-3737

#### PESTICIDE DISPOSAL

This product is acutely hazardous. Improper disposal of excess pesticide, spray mixture, or residue 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.

(*Ustilago nodi*) of barley. It also tends to reduce seed rot and seedling blight caused by soil fungi.

#### DIRECTIONS

Wheat  
Oats  
Barley

Use 4 oz per 100 lbs of seed

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 ORTHOCIDE 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.

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, feed, or oil purposes. Do not graze or feed livestock on treated areas for six weeks after planting. Sheds treated with ORTHOCIDE 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 OR OIL."

**CONDITIONS OF SALE:** 1. Chevron Chemical Company (Chevron) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. Chevron neither makes, nor authorizes any agent or representative to make, any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, express or implied, concerning this material.

2. Critical and unforeseeable factors beyond Chevron's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed. Buyer, and user acknowledge and assume all risks and liability (except those assumed by Chevron under 1 above) resulting from handling, storage, and use of this material VITAVAX® — Reg. TM of UNIROYAL Chemical Co. for Carboxin Fungicide

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#### DIRECTIONS: MEASURING CUP ENCLOSED

(One level cup holds approximately 4 ounces of product) *(this will cover 100 lbs of seed)*

ORTHO 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 nodi*) on wheat, covered smut (*Ustilago kollerii*) and loose smut (*Ustilago avenae*) of oats and covered smut (*Ustilago hordei*) and loose smut

ACCEPTED  
MAY 14 1985  
Registered with the Federal Insecticide, Fungicide, and Rodenticide Act as provided for the products registered under EPA Reg. No. 239-3458



**ORTHO** 20-20 Seed Protectant

**ORTHOCIDE®  
VITAVAX®**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS  
WARNING**

Causes reversible eye damage. May cause allergic skin reactions. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling.

**STATEMENT OF PRACTICAL TREATMENT**

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.

**Note to Physicians:** Emergency Information — call (415) 233-3737

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not apply directly to water.

**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.**

**Chevron Chemical Company** © 1984

Ortho Agricultural Chemicals Division  
San Francisco, CA 94120-7144 Richmond, CA 94804-0036  
Product 5368 Made in U.S.A.  
Form 9341-1 EPA Est. 239-MO-1  
EPA Reg. No. 239-2458-AA

**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 put 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 a spill, leak, fire or exposure involving this material, call day or night (415) 233-3737.

**PESTICIDE DISPOSAL**

This product is acutely hazardous. Improper disposal of excess pesticide, spray mixture, or residue 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.

**DIRECTIONS: MEASURING CUP ENCLOSED**

(One level cup holds approximately 4 ounces of product. ~~This will treat 100 lbs. of seed.~~)

ORTHOCIDE 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 hordei*) and loose smut (*Ustilago avenae*) of oats and covered smut (*Ustilago hordei*) and loose smut

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Apply as ing. For be full of see. Protectan box and ing thro. Good resu container. Do not us livestock. ORTHOCID stuffs may should be OR OIL.

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**ACCEPTED**  
MAY 14 1985  
Insecticide  
Rodenticide  
Registered under  
EPA Reg. No. 239-2458

diseases of soybeans.

Soybeans

Use 3 oz. ( 3/4 cup) f

**CONFIDENTIAL**  
**PROPERTY OF**  
**CHEVRON CHEMICAL COMPANY**  
**UNTIL ACCEPTED BY EPA**

**ACCEPTED**  
**MAY 14 1985**  
Under the Fungicide  
as amended  
EPA Reg. 235-2

**ORTHOCIDE®**  
**VITAVAX®**  
**ORTHO 20-20 Seed Protectant**

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**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS & DOMESTIC ANIMALS**  
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**Chevron Chemical Company © 1984**

Ortho Agricultural Chemicals Division  
 San Francisco CA 94120-7144 Richmond CA 94804 0036  
 Product 5368 Made in U.S.A.  
 Form 5041 I EPA Est. 239-MO-1  
 EPA Reg. No. 239-2458-AA

**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 put 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.

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(*Ustilago avenae*) of barley. It also tends to reduce seed rot and seedling blight caused by soil fungi.

**DIRECTIONS**

Wheat  
 Oats  
 Barley

Use 4 cc per 100 lbs. of seed.

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 ORTHOCIDE 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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**DIRECTIONS: MEASURING CUP ENCLOSED**

(One level cup holds approximately 4 ounces of product.) This will treat 100 lbs. of seed.

ORTHOCIDE 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 avenae*) on wheat, covered smut (*Ustilago kelleri*) and loose smut (*Ustilago avenae*) of oats and covered smut (*Ustilago hordei*) and loose smut

ACCEPTED  
 MAY 14 1985  
 U.S. Dept. of Agriculture  
 Approved for the pesticide  
 registered under  
 EPA Reg. No. 239-2458

ORTHOXIDE 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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**CHEVRON CHEMICAL COMPANY**  
**UNTIL ACCEPTED BY EPA**

**ACCEPTED**  
MAY 14 1985  
Under the Fungicide  
as amended  
register.  
EPA R- 235-2458



**ORTHO**

**ORTHOCIDE®  
VITAVAX®**

**20-20 Seed Protectant**

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

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(Ustilago avenae) of barley. It also tends to reduce yield caused by soil fungi.

**DIRECTIONS**

Wheat  
Oats  
Barley

Use 4 oz per

Apply as a drill-box treatment, mixing thoroughly with seed. For best results, the following procedure is suggested: For each bushel of seed, add half the required amount of ORTHOCIDE VITAVAX 20-20 Seed Protectant and mix thoroughly with a stick. Then add the rest of the required amount of product and mix thoroughly.

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

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**DIRECTIONS FOR USE**

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Ortho Agricultural Chemicals Division  
San Francisco CA 94120-7144 Richmond CA 94804-0036  
Product 5368 Made in U.S.A.  
Form 9341-1 EPA Est. 239-MO-1  
EPA Reg. No. 239-2458-AA

ACCEPTED  
MAY 14 1985  
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