



**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**DANGER**  
Causes severe eye damage. Do not get in eyes. Harmful if swallowed. Avoid skin contact. Avoid breathing dust or spray. Use face shield or goggles when handling or mixing this product.

Do not use treated seed for human consumption. ORTHOCIDE VITAVAX 20-20 Seed Protectant treated seeds sold or shipped as feed or feedstuffs 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.** Do not feed forage grown from treated seeds.

**STATEMENT OF PRACTICAL TREATMENT**  
In case of eye contact, immediately flush eyes with plenty of water and get medical attention. If swallowed, promptly drink a large quantity of water and induce vomiting. Get medical attention.

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

**ENVIRONMENTAL HAZARDS**  
This product is toxic to fish. Do not contaminate reservoirs, lakes, ponds or streams by cleaning of equipment or disposal of wastes. Dispose of wastes by burying in noncrop lands away from water supplies.

**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.

**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.

**PESTICIDE DISPOSAL**  
Pesticide, spray mixture or rinsate that cannot be used, or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

**CONTAINER DISPOSAL**  
Dispose of in an incinerator or landfill approved for pesticide containers, or bury in a safe place.

**GENERAL**  
Consult federal, state or local disposal authorities for approved alternative procedures such as limited open burning.

**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.

**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® - trademark of UNIROYAL Chemical

**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.**

**DIRECTIONS MEASURING CUP ENCLOSED**  
(One level cup holds approximately 4 ounces of product. This will treat 100 lbs. of seed.)

ORTHOIDE 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 kolleri*) 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.

**Chevron Chemical Company**  
Ortho Agricultural Chemicals Division  
San Francisco CA 94119      Richmond CA 94804  
Product 5368      Made in U.S.A.  
Form 9341-C      EPA Est. 239-MO-1  
EPA Reg. No. 239-2458

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ORTHOCIDE

**STORAGE AND DISPOSAL**  
**PRECAUTIONS**  
 Do not contaminate water, food or feed by storage, disposal or use of equipment. Mixing is prohibited. Empty container.  
**USE**  
 Do not use in original container. Do not concentrate or dilute into food or drink containers. Do not use in dry place. Do not use in excessive heat. Do not use for transport near feed or food.  
**FINAL DISPOSAL**  
 Do not mix or rinse that cannot be used, or do not process should be disposed of in a landfill with pesticides or buried in a safe place away from water.  
**CONTAINER DISPOSAL**  
 Burn in an incinerator or landfill approved for pesticide disposal or bury in a safe place.  
 Consult local, state or local disposal authorities for appropriate procedures such as limited open burning.

**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.

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# ORTHO

## ORTHOCIDE®

### VITAVAX® 20-20

### Seed Protectant

Active Ingredients	By Wt.
*Captan	19%
**Related Derivatives	1%
**Carboxin	20%
Inert Ingredients	60%
*N-(trichloromethylthio)-4-cyclohexene-1,2-dicarboximide	
**5,6-Dihydro-2-methyl-1,4-oxathin-3-carboxanilide	

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**  
 SEE SIDE PANEL FOR ADDITIONAL  
 PRECAUTIONARY STATEMENTS.

NET WEIGHT 10 LBS. *SMA*

**ACCEPTED**

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**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**DANGER**

Causes severe eye damage. Do not get in eyes. Harmful if swallowed. Avoid skin contact. Avoid breathing dust or spray. Use dust shield or goggles when handling or mixing this product.

Do not use treated seed for human consumption. ORTHOCIDE VITAVAX 20-20 Seed Protectant treated seeds sold or shipped as feed or feedstuffs may be considered adulterated under state and federal law. **Treated seed should be labeled as follows: "TREATED SEED. DO NOT USE FOR FOOD, FEED OR OIL."** Do not feed forage grown from treated seed.

**STATEMENT OF PRACTICAL TREATMENT**

In case of eye contact, immediately flush eyes with plenty of water and get medical attention. If swallowed, promptly drink a large quantity of water and induce vomiting. Get medical attention.

**Note to Physicians:** Emergency information - call (415) 233-2737.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not contaminate reservoirs, lakes, ponds or streams by cleaning of equipment or disposal of wastes. Dispose of waste by burying in non-crop lands away from water bodies.

**STORAGE AND DISPOSAL**

**PROHIBITIONS**

Do not contaminate water, food or feed by storage or disposal. Do not use equipment for other purposes. Do not use empty container.

**STORAGE**

Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Do not use old pesticide. Pesticide may become heat sensitive. Do not store in transport in feed or food.

**PESTICIDE DISPOSAL**

Pesticide spray mixture or residue that cannot be used, or chemically reprocessed, should be disposed of in a landfill approved for pesticides or buried in a safe place away from water bodies.

**CONTAINER DISPOSAL**

Dispose of in an incinerator or landfill approved for pesticide containers or bury in a safe place.

**GENERAL**

Consult federal, state or local disposal authorities for approved alternative procedures such as limited open burning.

**DIRECTIONS**

Wheat, Oats, Barley  
Use 4 ounces per 100 lbs of seed.

Apply 4 ounces per 100 lbs of seed treatment, mixing thoroughly with the seed. For best results, the following procedure is suggested: Fill a box only half full of seed, add half the required amount of ORTHOCIDE VITAVAX 20-20 Seed Protectant and mix thoroughly with it. Then add remainder of seed to the box and add the rest of the required amount of product to the box, mixing thoroughly.

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

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2. Certain 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.

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**DIRECTIONS FOR USE**

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**DIRECTIONS MEASURING CUP ENCLOSED**

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

ORTHOOCIDE VITAVAX 20-20 Seed Protectant is a formulation specifically designed for treatment of wheat, oat and barley seed at the time of planting time. It controls covered smut (*Tilletia caries* and *Tilletia foetida*) and loose smut (*Ustilago nuda*) on wheat, covered smut (*Ustilago kaileri*) 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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### STORAGE AND DISPOSAL

Do not use for water, food or feed by storage, disposal, or treatment. Do not use for disposal in a prohibited container.

Do not use original container. Do not reuse or dilute into food or drink containers. Do not place in a place where it will be exposed to excessive heat. Do not transport near feed or food.

**DISPOSAL**  
Do not use in a structure or on a site that cannot be used, or do not use in a structure or on a site that should be disposed of in a landfill, incinerated or buried in a safe place away from water.

**FOR DISPOSAL**  
Do not use in an incinerator or a landfill approved for pesticide disposal in a safe place.

Follow state or local disposal authorities for appropriate procedures such as limited open burning.

**MEASURING CUP ENCLOSED**  
This cup measures approximately 4 ounces of product. This will treat

VITAVAX 20-20 Seed Protectant is a formulation designed for treatment of wheat, oat and barley seed during planting time. It controls covered smut (*Tilletia foetida*) and loose smut (*Ustilago nuda*) on wheat (*Triticum aestivum*), oat (*Avena sativa*) and loose smut (*Ustilago nuda*) and covered smut (*Ustilago hordei*) and loose smut (*Ustilago nuda*) of barley. It also tends to reduce seed rot caused by soil fungi.

### DIRECTIONS

Wheat, Oat, Barley  
4.0 oz per 100 lb of seed

Apply as a dust treatment, mixing thoroughly with the seed before planting. For best results, the following procedure is suggested: 1. Distribute only half of seed into the required amount of ORTHOCIDE VITAVAX 20-20 Seed Protectant and mix thoroughly with a stick. Then add remainder of seed to dust 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 ari box.

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# ORTHO ORTHOCIDE® VITAVAX® 20-20 Seed Protectant

Active Ingredients	By Wt.
* Captan	19%
Related Derivatives	1%
** Carboxin	20%
Inert Ingredients	60%
*N-1-trichloromethyl thio-1,4-cyclohexene-1,2-dicarboximide	
**5,6-Dihydro-2-methyl-1,4-oxethin-3-carboxanilide	

KEEP OUT OF REACH OF CHILDREN  
**DANGER**  
SEE SIDE PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS.

NET WEIGHT 10 LBS. STA

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