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**ACCEPTED**  
**JAN 26 1998**

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 7501-80

# Gustafson RTU®-BAYTAN®-THIRAM

## Fungicide

For Use only by Commercial Seed Treaters

**Active Ingredients:**

Beta-(4-Chlorophenoxy)-alpha-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol .....	5.0%
Thiram (Tetramethylthiuram disulfide) .....	15.3%
Inert Ingredients: .....	79.7%
<b>Total .....</b>	<b>100.0%</b>

Contains 0.43 pounds triadimenol (BAYTAN) and 1.33 pounds Thiram per U.S. gallon.  
 U.S. Patent No. 3,952,002

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

EPA Reg. No. 7501-80

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

Harmful if swallowed, inhaled or absorbed through the skin. Do not get in eyes, on skin or on clothing. Avoid inhaling of spray mist or dust. Do not use or store near food or feed. This product may cause allergic reactions.

During commercial exposure in seed treatment and loading operations, wear goggles, clean rubber gloves, protective clothing, and a pesticide respirator jointly approved by the Mine Safety and Health Administration (formerly the U.S. Bureau of Mines) and by the National Institute of Occupational Safety and Health under provisions of 30 CFR, Part 11. Wash hands, arms and face thoroughly with soap and water after handling and before eating or smoking. Routinely shower or bathe after work, wash all clothing with soap and water before reusing. Consumption of alcoholic beverages increases the toxic effects of thiram.

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**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Administer water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml.) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Get medical attention immediately. **IF ON SKIN:** Wash skin immediately with soap and warm water. If irritation persists, get medical attention. **IF EYES ARE CONTAMINATED:** Wash with plenty of water for at least 15 minutes. If irritation persists, get medical attention. **IF INHALED:** Remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

**SYMPTOMS OF POISONING:** No specific symptoms. Acute poisoning is accompanied by general depression and illness. Consumption of alcoholic beverages with exposure to thiram may cause flushing, breathing difficulty, nausea, vomiting and low blood pressure. In case of poisoning, call a physician immediately. Have patient lie down and keep quiet. **NOTE TO PHYSICIAN:** No specific antidote is available. Treat symptomatically. In the presence of consumption of alcoholic beverages, thiram responds similar to disulfiram.

**ENVIRONMENTAL HAZARDS**

This pesticide product 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. Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

**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.

Gustafson RTU-BAYTAN-Thiram Fungicide combines the systemic action of BAYTAN with the surface action of Thiram to control or suppress various seed, seedling and soilborne diseases of wheat, barley, oats, rye and cotton. Systemic activity of BAYTAN will provide early season control of infections by powdery mildew and rusts.



**STORAGE AND DISPOSAL**

**STORAGE:** Store in a cool, dry place.

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

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. 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:** Contact Gustafson or your chemical supplier for container return instructions. If container is not returned in accordance with instructions, triple rinse (or equivalent). Then 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.

**SEED TREATMENT:** Gustafson RTU-BAYTAN-Thiram Fungicide is a ready-to-use seed treatment. Application should be made using standard slurry or mist-type commercial seed treatment equipment. Uniform application of seed is necessary to insure seed safety and best disease control. Seed should be sound and well cured prior to treatment.

Application rates of less than 6 fluid ounces of Gustafson RTU-BAYTAN-Thiram Fungicide per 100 pounds of seed must be diluted with sufficient water to give a minimum applied treatment rate of 6 fluid ounces of slurry / cwt. Rates of 6 to 9 ounces of product may be applied without further dilution.

**NOTE:** To meet U.S. Federal Seed Act requirements, all seed treated with RTU-BAYTAN-Thiram Fungicide should be labeled: "Treated with beta-(4-chlorophenoxy)-alpha-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol (BAYTAN) and Tetramethylthiuram disulfide (Thiram). Do not use treated seed for feed, food or oil purposes. Do not graze green forage within 40 days of planting."

**RESTRICTIONS**

For use only through commercial seed treating equipment which are closed application systems. Do not use treated seed for feed, food or oil purposes.

**RECOMMENDED APPLICATIONS**

CROP	DISEASE	FLUID OUNCES RTU-BAYTAN-Thiram Fungicide	REMARKS
Wheat Barley Oats Rye	Seed and Soilborne Diseases:	4-1/2 to 9 fluid ounces per 100 pounds of seed	<p>Refer to the Seed Treatment section on this label for the recommended method of treating seed.</p> <p>Apply the 4-1/2 ounce rate for control of smuts, and the 9 ounce rate for control or suppression of the other diseases.</p> <p>*Suppression or some control of these diseases provided.</p> <p>Green forage may be grazed 40 days after seeding.</p>
	Wheat:		
	Barley:		
	Oats:		
	<p>Scab</p> <p>Stinking smut</p> <p>Flag smut</p> <p>Loose smut</p> <p>Glume blotch</p> <p>Foot rot*</p> <p>Take-all*</p> <p>Pythium rot*</p>		
	<p>Scab</p> <p>Covered smut</p> <p>Loose smut</p> <p>Net blotch*</p> <p>Typhula rot*</p> <p>Foot rot*</p> <p>Pythium rot*</p>		
	<p>Scab</p> <p>Loose smut</p> <p>Pythium rot*</p>		
	<p>RYE:</p> <p>Scab</p> <p>Stripe smut</p> <p>Pythium rot*</p>		

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CROP	DISEASE	FLUID OUNCES RTU-BAYTAN-Thiram Fungicide	REMARKS
Wheat Barley Oats Rye (Cont.)	Foliar Diseases:	9 fluid ounces per 100 pounds of seed	Refer to the Seed Treatment section on this label for the recommended method of treating seed.  Use of the recommended rate will control the noted early season diseases.  Green forage may be grazed 40 days after seeding.
	Wheat: Powdery mildew Leaf rust Stripe rust  Barley: Barley rust Stripe rust Powdery mildew  Oats: Crown rust Stripe rust Powdery mildew  Rye: Rye rust Stripe rust Powdery mildew		
Cotton (Acid Delinted)	<i>Rhizoctonia</i> Seedling disease	3.0 to 6.0 fluid ounces per 100 pounds of seed	Refer to the Seed Treatment section on this label for the recommended method of treating seed.
	<i>Thielaviopsis basicola</i> (Black root rot)	6.0 to 12.0 fluid ounces per 100 pounds of seed	For protection against seedling disease caused by <i>thielaviopsis basicola</i> . Higher rates are only for areas with a severe history of disease.

**NOTICE - READ CAREFULLY**

**CONDITIONS OF SALE AND LIMITED WARRANTY STATEMENT**

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, 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 Gustafson, Inc., no claims are made to guarantee germination of carry-over seed.

As its sole express warranty, Gustafson, Inc., warrants that this product conforms to the chemical description on the label and is reasonably fit for purposes stated on the label only when used in accordance with directions and instructions specified on the label, subject to the inherent risks set forth above. ONLY AS PERMITTED BY APPLICABLE LAW, IN THE EVENT OF A BREACH OF THIS LIMITED WARRANTY, GUSTAFSON, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES. SUBJECT TO APPLICABLE LAW, GUSTAFSON, INC. NEITHER MAKES NOR AUTHORIZES ANY OF ITS AGENTS OR REPRESENTATIVES TO MAKE ANY WARRANTY OF FITNESS OR MERCHANTABILITY, GUARANTY OR REPRESENTATION, EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL. Buyer assumes the responsibility to handle, use and store this product in accordance with the safety instructions and use directions contained on the label.

Buyer/User purchases this product subject to the foregoing Conditions of Sale and Limited Warranty, which, subject to applicable law, may be varied only by a written agreement signed by a duly authorized representative of Gustafson, Inc. if these terms are not acceptable, return all products to the place of purchase, unopened for a full refund.

A quality product manufactured by:  
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