

**NOTICE OF WARRANTY**  
 Du Pont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Du Pont. In no case shall Du Pont be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. DU PONT MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

**DIRECTIONS**

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

Du Pont will not be responsible for losses or damages resulting from use of this product in any manner not specifically recommended by Du Pont. User assumes all risks associated with such non-recommended use.

"Arasan" 50 Red ND is formulated for dry treatment of seed; but is a wettable powder and, for special uses, may be applied as a suspension.

For **Large Quantities** of seed—Use any suitable commercial dust treater, or homemade rotary drum. For **Small Quantities**—Use a can or jar. When using **Rotary Drum or Small Container**—Fill unit not more than 1/2 full of seed; add correct amount of "Arasan" 50 Red ND; rotate unit slowly until red color is imparted to all the seed.

Seeds may be treated at any time after being well cured. Treat peanuts promptly after shelling. For rates, follow table.

**Gladiolus Bulbs**—Treat any time after drying. Coat bulbs well with "Arasan" 50 Red ND by shaking in paper bag or similar device, or by dipping in a suspension made by mixing 1 1/2 lbs. of "Arasan" 50 Red ND in 8 gals. of water; agitate suspension frequently. If bulbs are to be stored, spread out to dry.

**IMPORTANT**—Avoid handling this product or treated seeds or bulbs with bare hands. Use of a dry filter dust mask is recommended.

**LABEL TREATED SEED**—"This seed treated with thiram fungicide (ARASAN® 50 Red ND). Do not use for food, feed, or oil purposes"

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. Do not re-use container. Bury empty container, or product that cannot be used, in a safe place away from water supplies, or dispose of by alternative procedures recommended by Federal, State or local authorities. Open dumping is prohibited.

ACCEPTED  
 OCT 5 1980  
 U.S. Dept. of Agriculture  
 Federal Insecticide, Fungicide, and Plant Repellent Administration  
 as an active ingredient in a pesticide  
 registered under FIFRA  
 EPA Reg. No. 499-302



**ARASAN®**  
**SEED PROTECTANT**

**ACTIVE INGREDIENTS:**  
 Thiram (Tetramethylthiuram disulfide)  
**INERT INGREDIENTS** .....  
 EPA Reg. No. 352-302

**Keep out of reach of children.**  
**PRECAUTIONARY STATEMENTS:**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS:**  
**CAUTION!** MAY IRRITATE EYES, NOSE, THROAT, AND SKIN. HARMFUL IF INHALED OR SWALLOWED. THE CONSUMPTION OF ALCOHOLIC BEVERAGES INCREASES THE POSSIBILITY OF HARM.  
 Do not get in eyes or on skin  
 Do not inhale dust  
 Wash thoroughly after handling  
**FIRST AID:** In case of contact, flush skin or eyes with plenty of water. For eyes, get medical attention.  
**ENVIRONMENTAL HAZARDS:**  
 This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

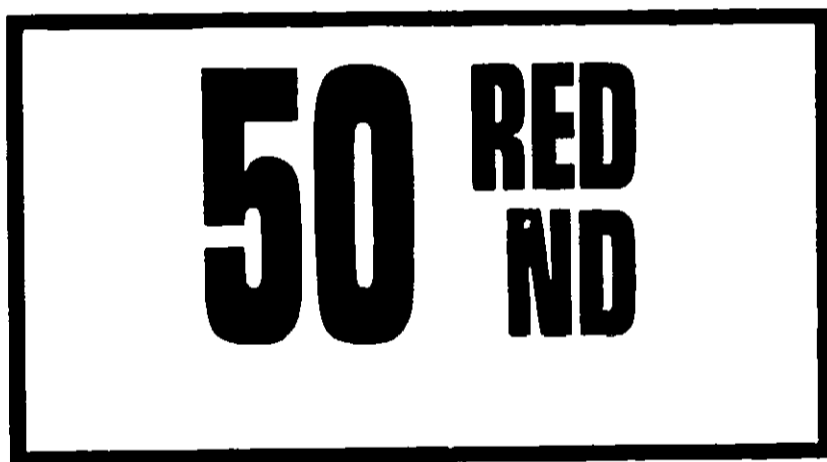
B 21442 1981  
**E. I. DU PONT DE NEMOURS**  
**BIOCHEMICALS DEPARTMENT**

BEST DOCUMENT AVAILABLE



# SPECIMEN LABEL

ACTUAL SIZE



100% ..... 50%  
 ..... 50%

**GENERAL INFORMATION:** Du Pont "Arasan" 50 Red ND Seed Protectant is recommended for the treatment of field and sweet corn, cotton, wheat, barley, sorghum, millet, safflower, soybeans, castor beans, rice, peanuts, sugar beets, sesame, grasses, legumes, gladiolus bulbs, and the vegetable seeds listed herein. "Arasan" 50 Red ND when used as directed will usually increase stands and yields by reducing losses from seed decay, damping-off and seedling blights caused by many seed-borne and soil-borne organisms. "Arasan" 50 Red ND will usually control the loose and covered kernel smuts of sorghum and seed-borne rust of safflower and will usually prevent basal rot and decay of gladiolus bulbs.

"Arasan" 50 Red ND, when used as directed, colors seed red.

**NET 100 LBS.**

MADE IN U.S.A. PRINTED IN U.S.A.

**DU PONT & COMPANY (INC.)**  
 WILMINGTON, DELAWARE

CROP SEEDS**	RATE OF "ARASAN" 50 RED ND	
	Tsp* per 1 lb. seed	Ozs. per bu. or cwt. seed
Corn (Field), Rice	1/2	1 1/2/bu.
Corn (Sweet)	1	5 1/3/cwt.
Cotton (acid delinted, reginned, or fuzzy)	1/4	4 1/2/cwt.
Wheat	1/2	2/bu.
Rye, Safflower	2/3	2/bu.
Flax	1	3/bu.
Sorghum, Millet, Barley (Soybeans— Planter Box Treatment)	1/4	2/bu.
Peas, Bean (Lima), Sesame	1/2	3/cwt.
Beans (Snap & Dry), Soybeans, Cowpeas	1/2	2/cwt.
Cantaloupe, Cucumber, Pumpkin, Squash, Watermelon	1/4	4 1/2/cwt.
Castor Bean, Peanuts (Shelled)	1/4	4 1/2/cwt.
Eggplant, Tomato, Okra, Onions***	1	6/cwt.
Beets (Garden and Sugar) Broccoli Brussels Sprouts Carrots Cabbage Cauliflower Collards Endive Grasses Kale Kohlrabi Lettuce Mustard Peppers Radish Small-seed Legumes Spinach Swiss Chard Turnip	1 1/2	8/cwt.

Note: 1 oz. is equivalent to 6 level tablespoonfuls

\*Tsp — 1 level teaspoonful

\*\*Treated legume seed can be inoculated. Treat first, inoculate just before planting. Preinoculated seed can be treated. Treat just before planting. Planter box mixing of inoculant and fungicide not advised.

\*\*\*This rate for onions controls seed decay and damping off. For smut control in set onions, use 1 lb. of Arasan 50 Red ND to 10 lbs. of seed.

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