

240
 ACCEPTED
 12-10-71
 COMMENTS

Spray Applications, Tree Trunks or Dormant Plants: Mix at a rate of 1 qt. of "Arasan" 42-S with 3 qts. of water and, for longer protection, add 1 pt. of latex-type sticker.

Spray Application, Dormant Apple Twigs, for Protection from Deer: Use at a rate of 2 gals. of "Arasan" 42-S plus 1 gal. of latex-sticker in 100 gals. of spray suspension. Apply as a twig spray following leaf fall, thoroughly wetting twigs to a height of 5 ft. This rate will also protect summer growth from deer nibbling. Higher rates of "Arasan" 42-S may be needed under conditions of heavy deer pressure.

Dip Application: Young nursery plants may be treated at the time of transplanting by dipping the tops in a mixture prepared at a rate of 1 qt. of "Arasan" 42-S to 2 qts. of water and 1 qt. of latex-type sticker.

NOTICE—Specification of proprietary products does not imply an unqualified recommendation by the Du Pont Company; there are undoubtedly others of similar type which may be equally or better suited for the purpose.

IMPORTANT

Keep container tightly closed to prevent evaporation. Stir before using. Thoroughly flush sprayer screens and nozzles promptly following use.

Do not apply to fruit trees after fruit begins to form.

Do not re-use container. Crush and bury when empty. This product is toxic to fish. Keep out of any body of water.

NOTICE TO BUYER—Seller 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. This warranty does not extend to use of this product contrary to label use directions, or under abnormal use conditions, or under conditions not reasonably foreseeable to seller; buyer assumes all risk of any such use. Seller makes no other warranties, express or implied.

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REG. U.S. PAT. OFF.

ARASAN[®] 42-S

THIRAM FUNGICIDE & REPELLENT

ACTIVE INGREDIENT:

Thiram (Tetramethylthiuram disulfide)

INERT INGREDIENTS

U. S. Pat. 3,060,084

Contains 4 pounds thiram per gallon.

USDA Reg. No. 352-240

Keep out of reach of children.

CAUTION!

MAY IRRITATE EYES, NOSE, THROAT, AND SKIN.
 HARMFUL IF INHALED OR SWALLOWED.

Do not inhale spray mist.

Do not get in eyes or on skin.

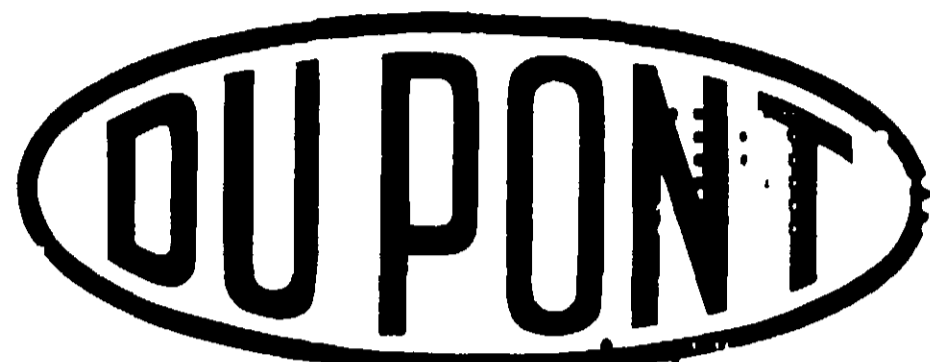
Wash thoroughly after handling.

In case of contact, flush skin or eyes with plenty of water; for eyes, get medical attention.

DO NOT SUBJECT TO TEMPERATURES BELOW 32°F.

1 U. S. GALLON

E. I. DU PONT DE NEMOURS & COMPANY (INC)
 INDUSTRIAL AND BIOCHEMICALS DEPT., WILMINGTON, DELAWARE, U.S.



REG. U.S. PAT. OFF.

ARASAN[®] 42-S

THIRAM FUNGICIDE & REPELLENT

ACTIVE INGREDIENT:		
Thiram (Tetramethylthiuram disulfide)	42%
INERT INGREDIENTS	58%
U. S. Pat. 3,060,084	Contains 4 pounds thiram per gallon.	USDA Reg. No. 352-240

CAUTION! Keep out of reach of children.
 MAY IRRITATE EYES, NOSE, THROAT, AND SKIN.
 HARMFUL IF INHALED OR SWALLOWED.
 Do not inhale spray mist.
 Do not get in eyes or on skin.
 Wash thoroughly after handling.

In case of contact, flush skin or eyes with plenty of water; for eyes, get medical attention.
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GENERAL INFORMATION

Du Pont "Arasan" 42-S Thiram Fungicide and Repellent, when used as directed, protects fruit trees, shrubs, ornamentals, and nursery stock from rabbit and deer depredation. When combined with other active agents, it is valuable in protecting coniferous seed from bird and rodent destruction by permitting direct seeding. One application will protect treated parts from 1 to 3 months, depending upon weather conditions. The addition of a special sticker as directed prolongs residual effectiveness. Repellency results from the distastefulness of treated plant parts. For use as a seed treatment and pelleting coniferous seeds, obtain separate Du Pont Agricultural Bulletin from your local dealer.

DIRECTIONS

FOR USE AS A REPELLENT

Apply "Arasan" 42-S undiluted with a brush, or diluted with water as a spray or as a dip. Thoroughly mix contents of container before using. Treat before the expected time of animal damage. Thoroughly cover area to a point well above the reach of animals. To permit repellent film to properly set, application should be made under favorable drying conditions but when temperature is above freezing. Mix only enough repellent for immediate use as the solids will settle on standing and are difficult to resuspend. For spray application, dilute with water and apply with a hand or power pressure sprayer to give a heavy coating to the twigs and foliage parts to be protected. For heavier depositions, reduce the amount of water. For best film formation, apply when temperature is above 40 F. and relative humidity below 70%.

Where a sticker is advised for prolonged retention, use a suitable resin, e.g., latex-type such as Rohm & Haas "Rhoplex" AC-33, Dow Latex 205 or Nursery Specialty Products "Wilt-Pruf". **Do not use wetting and spreading additives** (surfactants) such as Du Pont Spreader-Sticker or Du Pont Surfactant WK, as severe crop injury may result.

Brush on Coatings: Apply "Arasan" 42-S undiluted with a brush to stem parts to be protected. To increase residual beyond 3 months, add a small amount (2% to 4%) of latex-type sticker.

Spray Application, Growing Season: Use 1 qt. of "Arasan" 42-S and 1 pt. of latex-type sticker to 7 qts. of water. Repeat applications may be necessary to protect new growth. It is not necessary to use sticker under low rainfall conditions or where repeat applications are needed to cover new growth.