RUBIGAN

CHEMICAL HYBRIDIZING AGENT

ACCEPTED

MAR 24 1986

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 707-178

KEEP OUT OF REACH OF CHILDREN

CAUTION

NOTICE: Before using this product, read the entire Conditions of Use and Warranty, Directions for Use, Use Precautions and Storage and Disposal Instructions. If the Conditions of Sale and Warranty are not acceptable, return the product unopened within thirty days of purchase to the place of purchase.

ENVIRONMENTAL HAZARDS
Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift.

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL
Pesticide, spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL
Triple rinse (or equivalent) and puncture and dispose of in a sanitary landfill.

ROHM AND HAAS
PHILA PA USA 19105

ACTIVE INGREDIENT	
FENRIDAZON	
Potassium 1-(p-chlorophenyl)-1,4-dihydro-6-methyl-4-oxopyridazine-3-carboxylate	21.9%*
INERT INGREDIENTS	78.1%
	100.0%

*Equivalent to 2 lbs. active ingredient per gallon

EPA REG NO.
EPA EST NO. 707-PA-2

NET CONTENTS 5 GALS (18.93 L)

Made in U.S.A. 8959-R6

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HYBREX 2LC is a chemical hybridizing agent which can completely suppress pollen development in wheat. This property makes it possible to use HYBREX to produce hybrid wheat. HYBREX is an effective chemical hybridizing agent in a broad spectrum of hard red, soft red and white winter wheat as well as hard red spring wheat cultivars.

HYBREX 2LC chemical hybridizing agent is formulated as a liquid concentrate containing 2 pounds of active ingredient per gallon of product. The use of TRITON(R) AG-98 or comparable 80% active nonionic surfactant, cleared for application on wheat, is essential. The surfactant should be used at a rate of 1 to 2 quarts per 100 gallons of spray mixture. Thorough spray coverage of wheat foliage is essential. The use of a nonionic surfactant aids spray coverage and wetting of foliage and may improve uptake. For the dryer western wheat belt areas the addition of 2 to 4 quarts of nonionic surfactant per 100 gallons of spray mixture is required.

Mixing

Apply HYBREX 2LC chemical hybridizing agent at a rate of 2 to 10 pints (0.5 to 2.5 lb. active ingredient) per acre. FOR OPTIMUM MALE STERILITY CONSULT YOUR ROHM AND HAAS SEEDS INC. TECHNICAL REPRESENTATIVE FOR SPECIFIC USE RATES FOR EACH INDIVIDUAL FEMALE PARENT AT THE RECOMMENDED GROWTH STAGE OF DEVELOPMENT. Fill the spray tank about two-thirds full with water. Add the required amount of HYBREX 2LC chemical hybridizing agent and TRITON AG-98, mix thoroughly and continue filling the spray tank. Maintain sufficient agitation during mixing and spraying to insure a uniform spray mixture.

Application

Apply HYBREX 2LC chemical hybridizing agent to wheat with ground equipment only. Use low pressure, low drift flat fan spray nozzles. A shield should be mounted on each end of the spray boom to prevent direct spraying of outer rows of male parent strips. Apply HYBREX 2LC only to the female parent which is planted in alternating strips between the male parent strips. Calibrate spray equipment to deliver 20 to 50 gallons of spray mixture per acre. A spray pressure of 15-30 psi at the nozzle tip is recommended when using low pressure, low drift flat fan spray nozzles. Adjust the height of the boom above the wheat to give complete coverage of foliage. The high gallonage will promote necessary coverage of foliage and low pressure will reduce drift onto the male parent strips. For further information on optimum spray pressures for specific nozzles refer to manufacturer charts for recommendations.

Timing

Apply HYBREX 2LC chemical hybridizing agent between the initiation of jointing and flag leaf tip emergence stages of growth. Do not apply HYBREX 2LC later than 75 days before harvest. The rate at which plants reach the preferred growth is dependent upon the factors such as variety, temperature and available soil moisture. Consequently, it is necessary to pay close attention to development stages after the wheat enters its early spring vigorous growth phase. For best results consult your Rohm and Haas Seeds Inc. technical representative for specific use rates for each individual female parent at different growth stages.

Extreme or changing environmental conditions at spraying time should be avoided if possible. For best results, delay spraying for a day or more following a freeze, significant rainfall or other drastic weather changes. If waiting is likely to result in abandoning a field, then consult your Rohm and Haas Seeds Inc. technical representative for specific use rates for each individual parent at different soil moisture levels.

Use Restrictions

- Do not plant subsequent crops, other than wheat or corn in treated areas within 12 months of the last application of HYBREX 2LC chemical hybridizing agent. Corn may be planted 60 days after the last application.
- Do not graze treated crop or use for forage or fodder.

CONDITIONS OF USE AND WARRANTY

Rohm and Haas warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. ROHM AND HAAS MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Crop injury, ineffectiveness or other unintended consequences resulting from such factors as failure to follow label directions, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property, handling, storage and manner of use are beyond the control of Rohm and Haas. All such risks will be assumed by the User. In no case will Rohm and Haas be held liable for consequential, special or indirect damages resulting from the use or handling of this product.