



DE-FOL-ATE GRANULAR

(CONTAINS FIRE SUPPRESSANT)

COMPOSITION

ACTIVE INGREDIENT:

Sodium Chlorate (NaClO₃) 30.0%

INERT INGREDIENTS 70.0%

TOTAL 100.0%

CAUTION

KEEP OUT OF REACH OF CHILDREN 6-11-71

See Specific Caution Statements on Side Panel 4571-254

USDA Registration No. 4581-254

U.S. Patent No. 2,700,604. Other patents pending

50 LBS NET WEIGHT

SOLE BY

AGCHEM-DECCO DIVISION—PENNWALT CORPORATION

TACOMA, WASHINGTON

PHILADELPHIA, PA.

OAK BROOK, ILL.

BRYAN, TEXAS

FRESNO, CALIF.

MONTGOMERY, ALA.

SUGGESTIONS FOR USE

COTTON DEFOLIATION. Defoliation with DE-FOL-ATE is very desirable, both for mechanical and hand picking. Defoliation will tend to bring bolls to maturity at one time, thereby permitting the greatest amount of cotton to be harvested at one picking. Boll rot can be reduced by defoliation, as the removal of leaves permits air circulation to the lower bolls.

MIXING INSTRUCTIONS—Use equipment with mechanical agitation preferably vigorous enough to keep the granules suspended in the water while dissolving. First, add water to the spray tank. Then, with agitator operating, add the DE-FOL-ATE. Continue agitation until DE-FOL-ATE is completely dissolved, and preferably until spray tank is empty. Necessary precautions should be taken to keep undissolved material out of pumps and lines.

APPLICATION—For AIRPLANE APPLICATION, the normal dosage should be 7 to 10 lbs. in 5 to 10 gallons of water per acre. Use the higher rate for tall or heavy cotton.

For GROUND SPRAYERS, 7 to 10 lbs. in 10 to 30 gallons of water per acre is the recommended dosage.

PLANTS MUST BE MATURE TO GET RESULTS WITH A DEFOLIANT. The usual signs of maturity include a slight yellowing of the foliage and a reddish tinge on the leaves and stems. In a mature plant the leaves are less firmly attached and can be dislodged with a clean break by a slight downward pull.

PLANTS SHOULD NOT BE DROUGHT STRICKEN because the tough waxy leaves do not permit uptake of the chemical or growth of an abscission layer.

When defoliants are applied to drought-stricken plants, the leaves will die but usually will not drop, thereby causing extra trash to be picked up in harvesting.

Estimation of maturity requires some experience, and if there is doubt as to the stage of plant growth, it is best to consult your experiment station or extension service weed specialists for more detailed information or proper timing.

DE-FOL-ATE is primarily effective in the absence of winds and at a very low humidity.

It is very difficult to penetrate to ALL THE LEAVES of the plant since ONLY THE FOLIAGE THAT IS ACTUALLY TREATED WILL BE DEFOLIATED. Do not graze treated areas or feed grain waste to livestock.

CAUTION

HARMFUL IF SWALLOWED. AVOID SKIN CONTACT. WASH CLOTHING AND SPRAY EQUIPMENT AFTER HANDLING. DO NOT CONTAMINATE FOODSTUFFS AND FEED. DO NOT STORE OR SHIP NEXT TO STRONG ACIDS OR EMULSIFIABLE CONCENTRATES OF PARATHION OR MALATHION. AVOID STORAGE NEAR FEED AND FOOD PRODUCTS.

DE-FOL-ATE IS NOT SELECTIVE in action. AVOID CONTACT WITH OR DRIFT TO OTHER DESIRABLE PLANTS OR CROPS. To avoid drift do not apply in windy weather. Do not dump or rinse equipment into irrigation water. Do not apply within 7 days of harvest. **ADD SAFETY AGAINST FIRE AND CORROSION,** attach and other equipment used in the application of DE-FOL-ATE should be washed down thoroughly before and after use.

If the bag is not used, fold top of bag tightly as this product is hygroscopic and draws moisture from the air. Store in a dry place.

DO NOT RE-USE EMPTY CONTAINER. DESTROY BY BURYING IN A SAFE PLACE. DO NOT BURN.

NOTICE

Pennwalt Corporation warrants that this material conforms to the chemical description on the label and is well adapted for the purposes referred to in the Directions for Use, subject to the risks referred to herein. Pennwalt Corporation makes no other express or implied warranty, including any other express or implied warranty of FITNESS or MERCHANTABILITY, and no agent of Pennwalt Corporation is authorized to make, except in writing, with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential or commercial damages such as loss of profits or values.

MADE IN U.S.A.

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