

"GEMINI" HERBICIDE
EPA REG. NO. 352-443

SUPPLEMENTAL LABELING
"GEMINI" HERBICIDE FOR COMMERCIAL IMPREGNATION
AND APPLICATION ON DRY BULK FERTILIZER

DIRECTIONS FOR USE

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

ACCEPTED

U.S. DEPARTMENT OF AGRICULTURE
OFFICE OF PESTICIDE REGULATION
WASHINGTON, D.C. 20250
EPA Reg. No. 352-443

Du Pont "GEMINI" Herbicide may be applied with dry bulk fertilizer for preemergence weed control. Dry bulk fertilizer may be impregnated or coated with "GEMINI" for application to soybeans. All recommendations, cautions and special precautions on this label must be followed along with state regulations relating to dry bulk fertilizer blending, impregnating and labeling.

HOW TO USE

Application: Uniform application of "GEMINI" which has been impregnated on dry fertilizer is essential for satisfactory weed control. Accurate calibration of fertilizer application equipment is essential for uniform distribution to the surface. Air flow or auger metered application equipment is preferred (one pass application). If other equipment is used, the recommended method of application is to apply 1/2 the recommended rate and overlap 50 percent to double apply by splitting the middles to obtain the best distribution pattern.

If fertilizer materials are excessively dusty, use diesel oil or other suitable additive to reduce dust prior to impregnation as dusty fertilizer will result in poor distribution during application. Crop injury and/or poor weed control may occur where the impregnated fertilizer is not uniformly applied.

Incorporation and Combination Uses: When "GEMINI" is to be used in combination with another herbicide, follow directions on this label for combinations, rates, crops, incorporation and special precautions.

Impregnation: To impregnate, use a system consisting of a conveyor or closed drum, which is used for dry bulk fertilizer blending. Any commonly used fertilizer can be impregnated with "GEMINI" except ammonium nitrate or fertilizers containing ammonium nitrate, potassium nitrate or sodium nitrate. Do not use on limestone.

BEST AVAILABLE COPY

the fertilizer for thorough coverage and avoid spray contact with mixing equipment. Uniform impregnation of "GEMINI" to dry bulk fertilizer will vary, and if the adsorptivity is not adequate, the use of an adsorptive powder may be required to produce a dry freeflowing mixture. Microcel E (Jonns Manville Product Corporation) is the recommended absorbent powder. "GEMINI" should be pre-mixed with water to form a sprayable mixture. When another herbicide is used with "GEMINI", mix and impregnate immediately.

Clean Out: Before using equipment to apply fertilizer or herbicide impregnated fertilizer to another crop other than soybeans, at least 1,000 lbs. of fertilizer not treated with "GEMINI" must be run through the application equipment and impregnation drum. All equipment containing the herbicide slurry should be cleaned out in accordance with the "GEMINI" recommendations for application with liquid delivery systems.

Apply immediately after impregnation unless experience has shown that impregnated fertilizer can be stored without becoming lumpy and difficult to spread.

Rates: Select the rate of "GEMINI" to apply per acre from the appropriate section of this label and refer to the rate table to determine the amount of "GEMINI" which is to be impregnated on a ton of dry bulk fertilizer based on the amount of fertilizer which will be distributed on one acre.

RATE CHART FOR IMPREGNATING FERTILIZER WITH "GEMINI"

FERTILIZER RATE (LB./ACRE)	8 OZ. ****	10 OZ. ****	12 OZ. ****	14 OZ. ****	16 OZ. ****
	(LB. "GEMINI" PER TON OF FERTILIZER)				

200 POUNDS	5.00	6.25	7.50	8.75	10.00
250 POUNDS	4.00	5.00	6.00	7.00	8.00
300 POUNDS	3.33	4.17	5.00	5.83	6.67
350 POUNDS	2.86	3.57	4.29	5.00	5.71
400 POUNDS	2.50	3.13	3.75	4.38	5.00
450 POUNDS	2.22	2.78	3.33	3.89	4.44

For rates other than those listed, use the following formula to calculate the amount of "GEMINI" to be impregnated per ton of dry fertilizer.

$$\text{lb. "GEMINI"/ton} = \frac{2000 \text{ lb./ton} \times \text{"GEMINI" rate (oz./acre)}}{\text{Fertilizer rate (lb./acre)} \times 16 \text{ oz./lb.}}$$

$$= \frac{125 \times \text{"GEMINI" rate (oz./acre)}}{\text{Fertilizer rate (lb./acre)}}$$

IMPORTANT

BEFORE USING "GEMINI", ALONE OR IN COMBINATIONS, READ AND CAREFULLY OBSERVE THE CAUTIONARY STATEMENTS AND ALL OTHER INFORMATION APPEARING ON THE PRODUCT LABELS.

This bulletin contains new or supplemental instructions for use of this product which may not appear on package labels. Follow the instructions carefully.

This labeling must be in the possession of the user at the time of pesticide application.

[1] Registered trademark of E.I. du Pont de Nemours and Company

E.I. du Pont de Nemours and Company
Agricultural Products Department
Wilmington, DE 19880-0038

040490