



AGRICULTURAL BULLETIN

DU PONT
LOROX® DF™ PLUS LEXONE® 4L
PLUS PROWL®
SOYBEANS - KANSAS

SUPPLEMENTAL LABELING

LOROX® DF™ EPA REG. NO. 352-394
LEXONE® 4L EPA REG. NO. 352-382

LOROX® DF™ HERBICIDE PLUS LEXONE® 4L HERBICIDE
PLUS PROWL® PREPLANT OR PREEMERGENCE
FOR WEED CONTROL IN SOYBEANS IN KANSAS

Directions for Use

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

Du Pont Lorox® DF™ Herbicide is recommended as a tank mix with Du Pont Lexone® 4L Herbicide and "Prowl" for application as a preplant shallow incorporation treatment of soybeans to control certain annual weeds (see product labels for specific species controlled).

HOW TO USE

General Information

Fill spray tank 1/4 full with clean water. Start agitation, add "Lexone" 4L and mix thoroughly. Continue agitation while adding clean water and add "Lorox" DF™. When tank is 3/4 full, add "Prowl". Agitate continuously during filling and throughout the spraying operation. Agitation should sweep bottom content (sprayer system) of the tank up into the main body of the spray mixture for thorough mixing and uniform suspension. Apply the entire contents of spray tank within four hours of initial mixing.

Apply as a broadcast treatment to the soil in 10 to 40 gallons of water per acre, using any properly calibrated low pressure sprayer equipped with herbicide tips and in-line strained screens no finer than 50 mesh.

Plant seed 1 1/2" to 2" deep on flat or raised seedbeds only or injury to the crop may result; soil should be well prepared and as free as possible from trash and clods after planting.

ACCEPTED

MAY 19 1986

United States Department of Agriculture
Federal Insecticide, Fungicide, and Rodenticide Act
Registration No. 352-394
EPA Reg. No. 352-382

Preplant Incorporation

Apply the tank mix combinations of "Lorox" DFTM, "Lexone" 4L and "Prowl" within 7 days of planting soybeans. Incorporate the herbicides thoroughly into the top 2 inches of soil; to insure shallow incorporation of 2 inches or less, pull-type tillage equipment should be set to work the soil no deeper than 4 inches.

Plant seed 1 1/2" to 2" deep on flat or raised seedbeds only or injury to the crop may result; soil should be well prepared and as free as possible from trash and clods after planting.

Use Rates Per Acre

Soil Texture	1/2 to 3% Organic Matter	3 to 6% Organic Matter
<u>Coarse</u>		
Sandy loam	1/3 to 1/2 lb. "Lorox" DF TM + 1/4 to 2/5 pt. "Lexone" 4L + 1 to 1 1/2 pts. "Prowl"	1/3 to 3/4 lb. "Lorox" DF TM + 2/5 to 1/2 pt. "Lexone" 4L + 1 1/2 pts. "Prowl"
8E		
<u>Medium</u>		
Silt, Sandy clay, Loam, Silt loam, Sandy clay loam	1/2 to 3/4 lb. "Lorox" DF TM + 2/5 to 1/2 pt. "Lexone" 4L + 1 1/2 pts. "Prowl"	3/4 to 1 1/2 lbs. "Lorox" DF TM + 1/2 to 3/4 pt. "Lexone" 4L + 1 1/2 pts. "Prowl"
<u>Fine</u>		
Clay loam, Clay, Silty clay, Silty Clay loam	3/4 to 1 1/2 lbs. "Lorox" DF TM + 1/2 to 3/4 pt. "Lexone" 4L + 1 1/2 to 2 pts. "Prowl"	1 1/2 to 2 lbs. "Lorox" DF TM + 3/4 to 1 pt. "Lexone" 4L + 1 1/2 to 2 pts. "Prowl"

Do not use on sand nor loamy sand with less than 1% organic matter. Do not use on any soils with less than 1/2% organic matter as crop injury may result. Do not use on muck or peat.

Do not overlap or over apply. Misapplication or improper soil incorporation can result in erratic weed control or crop injury. Seedling disease, cold weather, deep planting (more than 2"), excessive moisture, high soil pH (7.5 or higher), high salt concentration, or drought may weaken soybean seedlings and increase possibility of crop injury.

Soybean varieties such as Altona, Coker 102 and 156, Govan, Semmes, Tracy, Vansoy, NKS 184, Terra Vig 505 and 606, Agripro-55 and 71, Asgrow 6520, Maple Amber, Portage and Vinton 81 are sensitive to "Lexone" 4L. Injury may occur if "Lexone" 4L is used on these varieties. Before use on any other soybean variety, tolerance to "Lexone" 4L must first be determined. Injury to soybeans may occur if "Lexone" 4L is used on soils having a calcareous surface layer or pH of 7.5 or higher, or if used in conjunction with soil applied organic phosphate pesticides such as "Dasanit", "Disyston", "Mocap", "Nemacur", "Thimet", "Parathion", or "Lorsban" 15G.

Replanting: If initial seeding fails to produce a stand, treated fields may be replanted to soybeans; do not rework soil; do not retreat field with a second application as injury to the crop may result. Do not replant treated areas to any crop other than soybeans within four months after treatment as injury to subsequent crops may result.

Cultivation after planting: Soil treated with "Lorox" DFTM plus "Lexone" 4L plus "Prowl" may be shallow-cultivated, rotary-hoed, or hand-hoed without reducing the weed control activity of the tank mixture. Do not cultivate deeper than the treated layer of soil since this may bring untreated soil to the surface and poor weed control may result.

Note: Do not use treated plants for feed or forage. Injury may occur if atrazine was applied on the soil the year before.

IMPORTANT

BEFORE USING "LOROX" DFTM, "LEXONE" 4L, AND "PROWL"* 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 these products which may not appear on the package labels. Follow the instructions carefully.

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

*Registered trademark of American Cyanamid Co.; "Prowl" contains 4 lbs. pendimethalin per gallon.