



AGRICULTURAL BULLETIN



LOROX® PLUS LEXONE® 4L
PLUS DUAL® 8E
FOR SOYBEANS

SUPPLEMENTAL LABELING
LOROX® EPA REG. NO. 352-270
LEXONE® 4L EPA REG. NO. 352-382

LOROX® HERBICIDE PLUS LEXONE® 4L HERBICIDE
PLUS DUAL® 8E PREPLANT OR PREEMERGENCE
FOR WEED CONTROL IN SOYBEANS

Directions for Use

ACCEPTED

APR 24 1985
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 352-270 352-382

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

Du Pont Lorox® Herbicide is recommended as a tank mix with Du Pont Lexone® 4L Herbicide and Dual® 8E for application as a preplant shallow incorporation or preemergence treatment of soybeans to control common ragweed, hemp sesbania, lambsquarters, pigweed, prickly sida, purslane, spotted spurge, velvetleaf and venice mallow. The combination also offers partial control of cocklebur, jimsonweed and sicklepod. For annual grasses controlled, see Dual® 8E labeling.

HOW TO USE

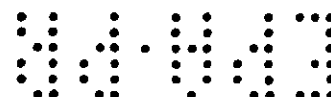
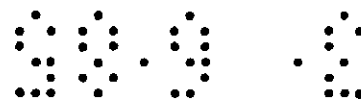
Preplant Incorporation

Apply the tank mix combinations of Lorox®, Lexone® 4L and Dual® 8E 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.

Preemergence

Use as an alternate to preplant treatment; do not use both preplant and preemergence treatments or crop injury may result.

Apply the tank mix combination of Lorox®, Lexone® 4L and Dual® 8E after planting but before soybeans emerge; do not spray over top of emerged soybeans. 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

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® + 1/4 to 2/5 pt. Lexone® 4L + 1 to 1 1/4 pt. Dual® 8E	1/3 to 3/4 lb. Lorox® + 2/5 to 1/2 pt. Lexone® 4L + 1 1/4 to 1 1/2 pts. Dual® 8E
<u>Medium</u>		
Silt, Sandy clay, Loam, Silt loam, Sandy clay loam	1/2 to 3/4 lb. Lorox® + 2/5 to 1/2 pt. Lexone® 4L + 1 1/4 to 1 1/2 pts. Dual® 8E	3/4 to 1 1/2 lbs. Lorox® + 1/2 to 3/4 pt. Lexone® 4L + 1 1/2 to 2 pts. Dual® 8E
<u>Fine</u>		
Clay loam, Clay, Silty clay, Silty Clay loam	3/4 to 1 1/2 lbs. Lorox® + 1/2 to 3/4 pt. Lexone® 4L + 1 1/2 to 2 pts. Dual® 8E	1 1/2 to 2 lbs. Lorox® + 3/4 to 1 pt. Lexone® 4L + 2 to 2 1/2 pts. Dual® 8E

General Information

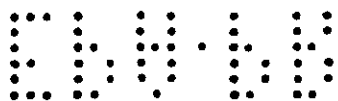
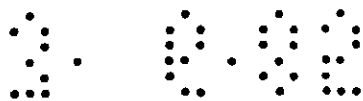
Fill spray tank 1/4 full with clean water. Start agitation, add Lexone® 4L and mix thoroughly. Continue agitation while adding clean water and add Lorox®. When tank is 3/4 full, add Dual® 8E. Agitate continuously during filling and throughout the spraying operation. Agitation should sweep bottom content (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.

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 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 1804, Terra Vig 505 and 606 and AP 71 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® plus Lexone® 4L plus Dual® 8E 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

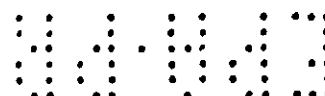
BEFORE USING LOROXS®, LEXONE® 4L, AND DUAL® 8E* READ AND CAREFULLY OBSERVE THE CAUTIONARY STATEMENTS AND ALL OTHER INFORMATION APPEARING ON THE PRODUCT LABELS.

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

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

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*Registered trademark of Ciba-Geigy Corp.





AGRICULTURAL BULLETIN



Lorox® Plus Lexone® Plus Dual® 8E
for
Soybeans

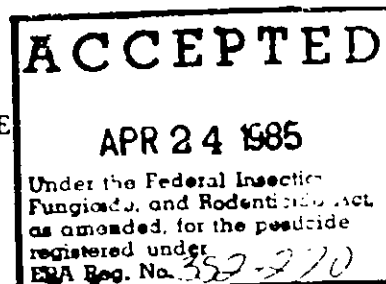
SUPPLEMENTAL LABELING

LOROX® EPA REG. NO. 352-270
LEXONE® EPA REG. NO. 352-375

LOROX® HERBICIDE PLUS LEXONE® HERBICIDE
PLUS DUAL® 8E PREPLANT OR PREEMERGENCE
FOR WEED CONTROL IN SOYBEANS

Directions for Use

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in a manner inconsistent with its labeling.



Du Pont Lorox® Herbicide is recommended as a tank mix with Du Pont Lexone® Herbicide and Dual® 8E for application as a preplant shallow incorporation or preemergence treatment of soybeans to control common ragweed, hemp sesbania, lambsquarters, pigweed, prickly sida, purslane, spotted spurge, velvetleaf and venice mallow. The combination also offers partial control of cocklebur, jimsonweed and sicklepod. For annual grasses controlled, see Dual 8E labeling.

HOW TO USE

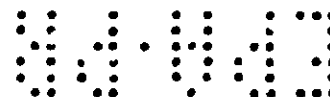
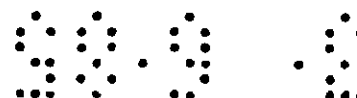
Preplant Incorporation

Apply the tank mix combinations of "Lorox", "Lexone" and "Dual" 8E 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.

Preemergence

Use as an alternate to preplant treatment; do not use both preplant and preemergence treatments or crop injury may result.

Apply the tank mix combination of "Lorox", "Lexone", and "Dual" 8E after planting but before soybeans emerge; do not spray over top of emerged soybeans. 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

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"	+	1/3 to 3/4 lb. "Lorox"	+
	1/4 to 2/5 lb. "Lexone"	+	2/5 to 1/2 lb. "Lexone"	+
	1 to 1 1/4 pts. "Dual" 8E		1 1/4 to 1 1/2 pts. "Dual" 8E	
<u>Medium</u>				
Silt, Sandy clay, Loam, Silt loam, Sandy clay loam	1/2 to 3/4 lb. "Lorox"	+	3/4 to 1 1/2 lbs. "Lorox"	+
	2/5 to 1/2 lb. "Lexone"	+	1/2 to 3/4 lb. "Lexone"	+
	1 1/4 to 1 1/2 pts. "Dual" 8E		1 1/2 to 2 pts. "Dual" 8E	
<u>Fine</u>				
Clay loam, Clay, Silty clay, Silty Clay loam	3/4 to 1 1/2 lbs. "Lorox"	+	1 1/2 to 2 lbs. "Lorox"	+
	1/2 to 3/4 lb. "Lexone"	+	3/4 to 1 lb. "Lexone"	+
	1 1/2 to 2 pts. "Dual" 8E		2 to 2 1/2 pts. "Dual" 8E	

General Information

Fill spray tank 1/4 full with clean water. Start agitation, add "Lexone" and mix thoroughly. Continue agitation while adding clean water and add "Lorox". When tank is 3/4 full, add "Dual" 8E. 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.

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Soybean varieties such as Altona, Coker 102 and 156, Govan, Semmes, Tracy, Vansoy, NKS 1884, Terra Vig 505 and 606 and AP 71 are sensitive to "Lexone". Injury may occur if "Lexone" is used on these varieties. Before use on any other soybean variety, tolerance to "Lexone" must first be determined. Injury to soybeans may occur if "Lexone" 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" plus "Lexone" plus "Dual" 8E 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", "LEXONE", AND "DUAL" 8E*READ AND CAREFULLY OBSERVE THE CAUTIONARY STATEMENTS AND ALL OTHER INFORMATION APPEARING ON THE PRODUCT LABELS.

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