



AGRICULTURAL BULLETIN



LOROX® PLUS "DUAL" 8E
POTATOES
EAST OF MISSISSIPPI RIVER

SUPPLEMENTAL LABELING
EPA REGISTRATION NO. 352-270

LOROX® WEED KILLER AS A TANK MIXTURE
WITH "DUAL" 8E
FOR WEED CONTROL IN POTATOES EAST OF MISSISSIPPI RIVER

ACCEPTED

DIRECTIONS FOR USE

APR 24 1984

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

U.S. Reg. No. 352-270

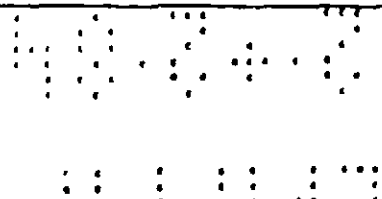
Du Pont Lorox® Weed Killer plus "Dual" 8E is recommended as a tank mixture for application preemergence to potatoes to control annual weeds. See product labels for weeds controlled.

HOW TO USE

Make a single application as a broadcast spray after planting but before crop emerges. Plant seed at least 2" deep. Do not spray over top of emerged potatoes. If beds are to be "dragged" and/or "hilled", apply after the final "dragging" or "hilling" operation. Apply before grasses are 2" tall and before broadleaf weeds are 6" tall, preferably just before or when weed seedlings emerge. If emerged weeds are present, add 1 pint Surfactant® WK for each 25 gallons of spray mixture. In irrigated areas, best results are obtained when application is made to moist soil, followed within 2 weeks by 1" to 2" of sprinkler irrigation (or rainfall). On powder dry soils, irrigate prior to herbicide application and follow with sprinkler irrigation to activate the herbicide.

APPLICATION:

Soil Texture	Product Per Acre			
	1 to 3% Organic Matter		3 to 5% Organic Matter	
	Lorox® Pounds	"Dual" 8E Pints	Lorox® Pounds	"Dual" 8E Pints
Coarse				
Sandy loam	1 to 1 1/2	1 1/2	1 1/2 to 2	2
Medium				
Silt, loam, Silt loam	1 1/2 to 2	2	2 to 2 1/2	2 1/2 to 3



IMPORTANT

BEFORE USING LOROX[®] OR "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 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.

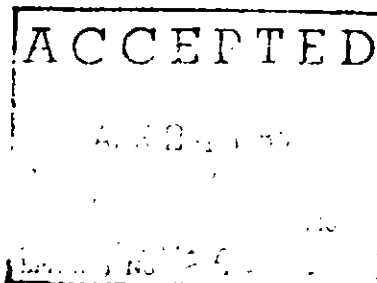
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AGRICULTURAL BULLETIN



LOROX® WEED KILLER
SOYBEANS
IOWA



SUPPLEMENTAL LABELING
EPA REG. NO. 352-270

LOROX® WEED KILLER PLUS "DUAL" 8E
TANK MIX PREPLANT PLUS
PREEMERGENCE FOR WEED CONTROL IN MINIMUM OR NON-TILLAGE SOYBEANS
IN THE STATE OF IOWA

DIRECTIONS FOR USE

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

Du Pont Lorox Weed Killer is recommended for use as a tank mix with "Dual" 8E¹ applied early preplant followed by a preemergence treatment for weed control in soybeans in Iowa. Treatment controls annual broadleaved weeds and grasses such as giant foxtail, velvetleaf, purslane, and pigweed in minimum or non-tillage soybeans.

HOW TO USE

Three to four weeks before planting, apply "Lorox" + "Dual" 8E to prepared soil surface. After planting, apply "Lorox" + "Dual" 8E as a surface applied treatment prior to crop emergence. Plant seed at least 1 3/4" deep on flat or raised seedbeds only or injury to the crop may result. Injury to soybeans may result if application is made to fields with standing water or fields too wet to cultivate.

Apply to soils containing 2 to 5 percent organic matter as follows:

<u>SOIL TEXTURE</u>	<u>PRODUCT PER ACRE</u>	
	<u>PREPLANT</u> "LOROX" + "DUAL" 8E	<u>PREEMERGENCE</u> "LOROX" + "DUAL" 8E
<u>Medium</u>		
Loam, Silt loam, Silt, Sandy clay, Sandy clay loam	2 lbs. + 2 pts.	+ 1 lb. + 1 pt.
<u>Fine</u>		
Silty clay, Silty clay loam, Clay, Clay loam	2 lbs. + 2 pts.	+ 1 lb. + 1 pt.

Apply with a tractor-mounted, fixed boom sprayer properly calibrated to a constant speed and rate of delivery. 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 salt concentration, or drought may weaken soybean seedlings and increase possibility of crop injury.

NOTE: Treated vines may be grazed or fed to livestock 40 days after application. Do not replant treated areas to any crop other than soybeans within 4 months after treatment as injury to subsequent crops may result; for rotation crops, follow instructions on package labels.

IMPORTANT

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

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¹ Registered trademark of Ciba-Geigy.



AGRICULTURAL BULLETIN



LOROX WEED KILLER
FOR USE ON
SOYBEANS

SUPPLEMENTAL LABELING
LOROX EPA REG. NO. 352-270

LOROX - WEED KILLER
PREPLANT OR PREEMERGENCE
FOR WEED CONTROL IN SOYBEANS

DIRECTIONS FOR USE

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

Du Pont Lorox Weed Killer is recommended for application as a preplant shallow incorporation or preemergence treatment of soybeans to control common ragweed, lambsquarters, pigweed, and purslane.

HOW TO USE

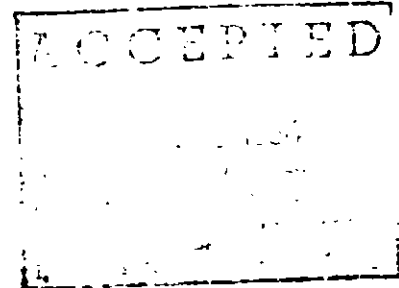
Preplant Incorporation

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

Preemergence

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

Apply "Lorox" 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.



Apply at the following use rates:

SOIL TEXTURE	POUNDS "LOROX" PER ACRE	
	<u>1/2 TO 2% ORGANIC MATTER</u>	<u>2 TO 5% ORGANIC MATTER</u>
Sandy loam	1 to 1 2/3	1 2/3 to 3
Silt loam	1 1/4 to 2 1/3	2 1/3 to 4
Clay loam	1 1/3 to 2 2/3	2 2/3 to 5

(Over 5% organic matter, use 6 lbs.)

GENERAL INFORMATION

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.

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" 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.

IMPORTANT

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