

PN 25 352-375

1649

SEE DIRECTIONS FOR USE FOLDER IN BOTTOM FLAP



ACCEPTED
APR 26 1984
EPA Reg. No. 352-375

LEXONE®

WEED KILLER

WETTABLE POWDER

ACTIVE INGREDIENT

4-Amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one 50%

INERT INGREDIENTS

. 50%

EPA Est. No. 352-375

EPA Reg. No. 352-375

Keep out of reach of children.
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
CAUTION! MAY BE HARMFUL IF INHALED OR SWALLOWED.
Avoid breathing dust or spray mist. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before re-use.
ENVIRONMENTAL HAZARDS
Keep out of lakes, streams, or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes

IMPORTANT—Injury to or loss of desirable trees or other plants may result from failure to observe the following:

Do not apply (except as recommended for crop use), or drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. Do not use on lawns, walks, driveways, tennis courts, or similar areas. Prevent drift of dry powder or spray to desirable plants. Do not contaminate any body of water. Keep from contact with fertilizers, insecticides, fungicides, and seeds during storage.

Thoroughly clean all traces of "Lexone" from application equipment immediately after use. Flush tank, pump, hoses, and booms with several changes of water after removing nozzle tips and screens (clean these parts separately)

Varietal sensitivity to "Lexone" is known in several crops for which "Lexone" is registered. All new crop varieties should be evaluated on a limited basis for their tolerance prior to using "Lexone".

NET 5 lb

Manufactured by Du Pont Agricultural Chemicals, Inc., a subsidiary of E. I. du Pont de Nemours & Co. (Inc.)

E. I. du Pont de Nemours & Co. (Inc.)
Agricultural Chemicals Dept., Wilmington, Delaware



LEXONE®

WEED KILLER

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ALFALFA • ASPARAGUS • POTATOES • SAINFOIN • SOYBEANS
SUGARCANE • TOMATOES

GENERAL INFORMATION

Du Pont "Lexone" Weed Killer is a wettable powder to be mixed in water and applied as a spray for selective control of certain broadleaf weeds and grasses in alfalfa, asparagus, potatoes, sainfoin, soybeans, sugarcane and tomatoes. It is noncorrosive to equipment, nonflammable, and nonvolatile. For soybeans, "Lexone" may be used in conjunction with "Treflan", "Surflan", "Lasso", "Roundup", "Dual", "Tolban", "Prowl", Paraquat, "Amiben", or "Basalin"; observe all cautions and limitations on labeling of all products used in mixtures.

NOTICE OF WARRANTY

Du Pont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Du Pont. In no case shall Du Pont be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. DU PONT MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

Directions For Use—See Folder in Bottom Flap

Du Pont will not be responsible for losses or damages resulting from use of this product in any manner not specifically recommended by Du Pont. User assumes all risks associated with such non recommended use. Do not use in Kern County, California.

WEEDS CONTROLLED

PREEMERGENCE USE (Germinating Weeds):

| Broadleaves | | | Grasses |
|------------------|-------------------|------------------------|--------------------------|
| Beggarweed | Venice mallow | Hemp sesbania | Smooth brome |
| Wild buckwheat | Meadow salsify | (coffeebean) | Cheatgrass |
| Common chickweed | Blue mustard | Shepherdspurse | Downy brome |
| Carpelweed | Tansy mustard | Sicklepod (cassia) | Large crabgrass |
| White cockle | Wild mustard | Prickly sida | Smooth crabgrass |
| Coffee weed | Pepperweed | (spiny sida, tea weed) | Crowfootgrass |
| Fluxweed | Prostrate pigweed | Pennsylvania smartweed | Giant foxtail |
| Henbit | Redroot pigweed | Spotted spurge | Green foxtail |
| Jimsonweed | (careless weed) | Spurred anoda | Yellow foxtail |
| Kochia | Smooth pigweed | Yellow rocket | Seedling johnsongrass |
| Lambsquarters | Common ragweed | Velvetleaf | Fall panicum |
| | | | Signalgrass (brachiaria) |
| | | | Partial Control |
| | | | Barnyardgrass |
| | | | (watergrass) |
| | | | Yellow nutsedge |
| | | | Wild oats |

Note: Consult "Treflan", "Dual", "Surflan", "Lasso", "Tolban", "Prowl", Paraquat, "Amiben", "Basalin", or "Roundup" labels for additional weeds controlled when "Lexone" is used in conjunction with these herbicides.

POSTEMERGENCE USE (Emerged Seedling or Perennial Weeds): "Lexone" at recommended rates controls weeds such as Florida beggarweed, bluegrass, carpelweed, cocklebur, crabgrass (large, smooth), dayflower, fumitory, goosegrass, hemp sesbania, jimsonweed, ladythumb, lambsquarters, Mexican weed, mustard, pigweeds (prostrate, redroot, smooth), common purslane, common ragweed, sicklepod (cassia), prickly sida (spiny sida, tea weed), Pennsylvania smartweed, toadflax, Russian thistle and velvetleaf. Treatment usually provides partial control of barnyardgrass (watergrass), crabgrass, curly dock, dandelion, foxtail, horsenettle, kochia, morningglory species, wild poinsettia, Florida purslane (Florida pusley), quackgrass, broadleaf signalgrass, spotted spurge and sunflower.

STORAGE AND DISPOSAL

STORAGE: Keep container closed when not in use. Store product in original container only, away from other pesticides, fertilizer, food, or feed.

DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at approved waste disposal facility. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

¹Registered trademarks of Elanco Products Co. "Treflan" contains 4 lbs. trifluralin per gal. "Surflan" contains 75% oryzalin.

²Registered trademarks of Monsanto Co. "Lasso" contains 4 lbs. alachlor per gal. "Roundup" contains 4 lbs. glyphosate per gal.

³Registered trademark of Ciba-Geigy Corp. "Tolban" contains 4 lbs. profluralin per gal. "Dual" BE contains 8 lbs. metolachlor per gal.

⁴Registered trademark of American Cyanamid Co. "Prowl" contains 4 lbs. pendimethalin per gal.

⁵Paraquat contains 2 lbs. active per gal. Paraquat is a restricted use pesticide.

⁶Registered trademark of Amchem Products, Inc. "Amiben" contains 2 lbs. chloramben per gal.

⁷Registered trademark of BASF Wyandotte Corp. "Basalin" contains 4 lbs. fluchloralin per gal.



LEXONE®

WEED KILLER

WETTABLE POWDER

Product Labeling

DIRECTIONS FOR USE

ACTIVE INGREDIENT:

4-Amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazine-5(4H)-one..... 50%

INERT INGREDIENTS 50%

EPA Reg. No. 352-375

Keep out of reach of children.
**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS**

CAUTION! MAY BE HARMFUL IF INHALED OR SWALLOWED.

Avoid breathing dust or spray mist. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before re-use.

ENVIRONMENTAL HAZARDS

Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

GENERAL INFORMATION

Du Pont "Lexone" Weed Killer is a wettable powder to be mixed in water and applied as a spray for selective control of certain broadleaf weeds and grasses in alfalfa, asparagus, potatoes, sainfoin, soybeans, sugarcane and tomatoes. It is noncorrosive to equipment, nonflammable, and nonvolatile. For soybeans, "Lexone" may be used in conjunction with "Treflan", "Surflan", "Lasso", "Roundup", "Dual", "Tolban", "Prowl", "Paraquat", "Amiben", or "Basalin"; observe all cautions and limitations on labeling of all products used in mixtures.

Moisture is necessary to activate the herbicide; best results are obtained if treatment is made to moist soil and moisture is supplied by rainfall or sprinkler irrigation (1/4" to 1/2") within two weeks after application. If moisture is insufficient to activate the herbicide, a shallow cultivation (rotary hoe preferred) should be made after emergence of crop while weeds are small enough to be controlled by mechanical means. If heavy rains occur soon after application, injury to the crop may result. The degree of control and duration of effect will vary with the amount applied, soil texture, rainfall, and other conditions.

IMPORTANT—Injury to or loss of desirable trees or other plants may result from failure to observe the following:

Do not apply (except as recommended for crop use), or drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. Do not use on lawns, walks, driveways, tennis courts, or similar areas. Prevent drift of dry powder or spray to desirable plants. Do not contaminate any body of water. Keep from contact with fertilizers, insecticides, fungicides and seeds

• POTATOES

Preemergence: Make a single application of 1 to 2 lbs. per acre after soil has been prepared but before crop emerges. Use the lower rates on coarse textured soils and heavy textured soils (high in clay or organic matter).

Postemergence: Do not use on early maturing smooth-skinned white or only if there have been at least 3 successive days of sunny weather prior to application. Weeds are 1" tall. Make a single application of 1 lb. per acre. For rough textured soils, use 1/2 to 1 lb. per acre. Treatment may cause some crop injury. Do not apply within 60 days of harvest.

Application by Sprinkler Irrigation: Apply specified dosage of "Lexone" per acre (1/4 to 1/2 inch of water per acre on sandy soil) as a continuous injection with self-propelled wheel-move systems or in the last 15-30 minutes of sprinkler systems.

Irrigation systems must be equipped with automatic shut-off devices which prevent water source. Maintain continuous agitation in injection nurse tanks during application to insure uniform application of water to all areas. Failure to apply "Lexone" may result in crop injury and/or poor weed control.

Preemergence plus Postemergence: Apply as directed above. Do not apply more than 1 lb. per acre per season. Do not apply within 60 days of harvest.

Postemergence plus Postemergence—(Oregon, Washington, Idaho): Use as directed above. Allow at least 14 days between applications. For rough textured soils, weeds are 1" in height or diameter. Do not apply within 24 hours of treatment.

Oregon and Washington—Make 2 applications of 1/2 to 1 lb. per acre. On coarse textured soils containing 1/2 to 1% organic matter, do not exceed 1/2 lb. per acre per application.

Idaho—Make 2 applications of 1/2 to 1 lb. per acre. On coarse textured soils containing 1/2 to 1% organic matter, do not exceed 3/4 lb. per acre per application.

Note: Because potato varieties vary in their resistance to weed killer, "Lexone" prior to adoption as a field practice to prevent possible crop injury on sands or loamy sands containing 1/2 to 1 1/2% organic matter may result in crop injury on any soil containing less than 1/2% organic matter, as crop injury may result on soils containing more than 10% organic matter may result in only partial control of weeds. Do not incorporate into soil. ~~Do not use on furrow irrigation~~ R.F.H.

CROP ROTATION RECOMMENDATIONS: In the Northwest do not plant other than potatoes for one year after treatment. Cover crops planted for soil building purposes may be planted anytime after application, but not for grazing or harvest for feed or food.

See "Replanting and Crop Rotation Recommendations" for further details.

• SOYBEANS

Select one of the following herbicide treatments and apply as directed broadcast rates; for band applications use proportionately less. Soybean varieties Coker 102 and 156, Govan, Semmes, Tracy, Vansoy, Terra Vig 505 and 1884 are sensitive to "Lexone". Injury may occur if "Lexone" is used on any other soybean variety, tolerance to "Lexone" is low. Injury to soybeans may occur if "Lexone" is used on soils having a pH of 7.5 or higher, or if used in conjunction with soil-applied herbicides such as "Dasanit", "Disyston", "Mocap", "Nemacur", "Thimet", "Parathion". **Note:** Injury may occur if atrazine was applied on the soil the year prior to soybean planting. Seedling disease, cold weather, deep planting (more than 2"), excess moisture (pH 7.5 or higher), high salt concentration, or drought may weak increase possibility of crop injury.

PREPLANT INCORPORATED: Incorporate herbicide treatment into soil before soybeans according to instructions on label of product used in conjunction with improper soil incorporation can result in erratic weed control or crop injury.

varietal sensitivity to "Lexone" is known in several crops for which "Lexone" is registered. All new crop varieties should be evaluated on a limited basis for their tolerance prior to using Lexone.

NOTICE OF WARRANTY

Du Pont warrants that this product conforms to the chemical and is reasonably fit for the purposes stated on such label and is used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Du Pont. In no case shall Du Pont be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. **DU PONT MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Du Pont "Lexone" Weed Killer should be used only in accordance with recommendations on this label, or in separate published Du Pont recommendations available through local dealers. Du Pont will not be responsible for losses or damages resulting from use of this product in any manner not specifically recommended by Du Pont. User assumes all risks associated with such non-recommended use. Do not use in Kern County, California.

REEMERGENCE USE (Germinating Weeds): "Lexone", when used as directed, controls weeds such as:

| Broadleaves | | Grasses |
|------------------|------------------------|-----------------------|
| beggarweed | Pepperweed | Smooth brome |
| bird buckwheat | Prostrate pigweed | Cheatgrass |
| common chickweed | Redroot pigweed | Downy brome |
| carpetweed | (careless weed) | Large crabgrass |
| white cockle | Smooth pigweed | Smooth crabgrass |
| coffee weed | Common ragweed | Crowfootgrass |
| clover | Hemp sesbania | Giant foxtail |
| lamb's ears | (coffeebean) | Green foxtail |
| lamb's quarters | Shepherdspurse | Yellow foxtail |
| lamb's tail | Sicklepod (cassia) | Seedling johnsongrass |
| lamb's tongue | Prickly sida | Fall panicum |
| lamb's ears | (spiny sida, teaweed) | Signalgrass |
| lamb's ears | Pennsylvania smartweed | (brachiaria) |
| lamb's ears | Spotted spurge | |
| lamb's ears | Spurred anoda | |
| lamb's ears | Yellow rocket | |
| lamb's ears | Velvetleaf | |
| Partial Control | | Partial Control |
| lamb's ears | Florida purslane | Barnyardgrass |
| lamb's ears | (Florida pusley) | (watergrass) |
| lamb's ears | | Yellow nutsedge |
| lamb's ears | | Wild oats |

Note: Consult "Treflan", "Oual", "Surflan", "Lasso", "Tolban", "Prowl", Paraquat, "Amiben", "asalin", and "Roundup" labels for additional weeds controlled when "Lexone" is used in conjunction with these herbicides.

POST-EMERGENCE USE (Emerged Seedling or Perennial Weeds): "Lexone", at recommended rates, controls weeds such as Florida beggarweed, bluegrass, carpetweed, cocklebur, crabgrass (large, smooth), dayflower, fumitory, goosegrass, hemp sesbania, jimsonweed, ladythumb, lambs-quarters, Mexican weed, mustard, pigweeds (prostrate, redroot, smooth), common purslane, common ragweed, sicklepod (cassia), prickly sida (spiny sida, teaweed), Pennsylvania smartweed, toad-ax, Russian thistle and velvetleaf. Treatment usually provides partial control of barnyardgrass (watergrass), crabgrass, curly dock, dandelion, foxtail, horsenettle, kochia, morningglory species, d poinsettia, Florida purslane (Florida pusley), quackgrass, broadleaf signalgrass, spotted spurge and sunflower.

TANK PREPARATION: Fill tank 1/4 full with water. Start agitation system, add "Lexone" and continue adding water. Add separately each additional component of any tank mix while adding water. If a surfactant is used, add it last when the tank is nearly full. Continue agitation throughout. Proper mixing should occur with any component, premix the component with two parts water before adding to the spray tank. Use spray mixture promptly.

Preemergence application to asparagus, potatoes or soybeans, non-irrigated nitrogen or fertilizer may be used in the spray mixture. Small quantities should be used.

| Soil Texture | Rate Per Acre | |
|---|-------------------------------------|--|
| | "Lexone" (Lbs.) + "Treflan" (Pints) | |
| Coarse Loamy sand, sandy loam | 1/2 + 1 | |
| Medium Loam, silt loam, silt, sandy clay, sandy clay loam | 3/4 + 1 1/2 | |
| Fine Silty clay, silty clay loam, clay, clay loam | 1 + 2 | |

Do not use on sand. Do not use on heavy sand or sandy loam with less than 1% organic matter, nor on other soils with less than 1/2% organic matter as crop injury may result. Treated vines may be grazed or fed to livestock 40 days after application.

"Lexone" + "Lasso" or "Lasso" EC—apply within 7 days of planting.

| Soil Texture | Rate Per Acre | |
|---|--|---|
| | 1/2 to 2% Organic Matter "Lexone" (Lbs.) + "Lasso"/"Lasso" EC (Qts.) | More than 2% Organic Matter "Lexone" (Lbs.) + "Lasso"/"Lasso" EC (Qts.) |
| Coarse Sandy loam | 1/2 + 2 | 3/4 + 2 |
| Medium Loam, silt loam, silt, sandy clay, sandy clay loam | 3/4 + 2 | 1 + 2 |
| Fine Silty clay, silty clay loam, clay, clay loam | 1 + 2 | 1 + 2 1/2 |
| Mississippi Delta Only— Silty clay to heavy clay | 1 1/2 + 2 to 2 1/2 | 1 1/2 + 2 to 2 1/2 |

Do not use on soils with less than 1/2% organic matter, nor on sand, loamy sand or muck soils as crop injury may result. Treated vines may be grazed or fed to livestock 40 days after application.

"Lexone" + "Dual" 8E—apply within 2 weeks of planting.

| Soil Texture | Rate Per Acre | |
|--|--|---|
| | 1/2 to 3% Organic Matter "Lexone" (Lbs.) + "Dual" 8E (Pints) | More than 3% Organic Matter "Lexone" (Lbs.) + "Dual" 8E (Pints) |
| Coarse Loamy sand (over 2% OM), sandy loam | 1/2 + 1 1/4 | 3/4 + 1 1/2 |
| Medium Loam, silt loam, silt | 3/4 + 1 1/2 | 1 + 2 |
| Fine Silty clay loam, sandy clay loam, silty clay, sandy clay, clay loam, clay | 1 + 2 | 1 + 2 to 2 1/2 |
| Mississippi Delta Only— Silty clay, clay | 1 1/2 + 2 | 1 1/2 + 2 to 2 1/2 |
| Muck or peat soils | DO NOT USE | |

Do not use on any sand or loamy sand with less than 2% organic matter. Do not use on soils with less than 1/2% organic matter or on alkaline soils with a pH above 7.4 as crop injury may occur. Do not use preplant incorporated on any sand, loamy sand, or sandy loam as crop injury may occur. Treated vines may be grazed or fed to livestock 40 days after application.

"Lexone" + "Basalin"—apply within 2 weeks of planting.

| Soil Texture | Rate Per Acre | |
|--------------|-----------------|-------------------|
| | "Lexone" (Lbs.) | "Basalin" (Pints) |
| Coarse | | |

conditions where excessive drift may occur.

USE RATES: All rates are expressed as broadcast rates per acre; for band treatment, use proportionately less. For example, for 14" band on 42" row, use 1/3 of broadcast rate. Where a range of dosages is given, use the lower rate on coarser soils (low in clay or organic matter) and the higher rate on finer soils (high in clay or organic matter).

REPLANTING AND CROP ROTATION RECOMMENDATIONS: Unless otherwise noted, observe the following:

Areas treated with up to 1 lb. "Lexone" per acre may be replanted immediately to potatoes, soybeans and sugarcane; two months after application, asparagus, corn and forage grasses may be planted.

Areas treated with 1 to 2 lbs. "Lexone" per acre may be replanted to soybeans and sugarcane; four months after application, alfalfa, sainfoin, asparagus, corn, potatoes, tomatoes and forage grasses may be planted.

Areas treated with 2 to 4 lbs. "Lexone" per acre may be replanted to sugarcane; two months after application, soybeans may be replanted; 10 months after application, alfalfa, sainfoin, asparagus, corn, potatoes, tomatoes and forage grasses may be planted.

Areas treated with 4 to 8 lbs. "Lexone" per acre may be replanted to sugarcane; four months after application, soybeans may be replanted; thirteen months after application, alfalfa, sainfoin, asparagus, corn, potatoes, tomatoes and forage grasses may be planted.

Other Crops: Unless otherwise directed, do not plant in treated areas during the season following treatment as crop injury may result. Cover crops may be planted anytime but stand reduction may occur; do not graze or harvest these cover crops for feed or food.

Special Conditions: For winter or drought periods, add the number of weeks of winter or drought to the above listed recropping intervals.

For soil pH 7.5 or above, add 2 months to the recropping intervals listed.

Combination Treatments: When recommended tank mix combinations are used, consult the product label for replanting and recropping instructions and observe the directions that are the most restrictive.

• ALFALFA AND SAINFOIN (Alone or with Grasses)

Make a single application in the fall after plants become dormant or in the spring before new growth starts. Do not apply during the first growing season after seeding. Do not graze or harvest within 28 days after application. Stress which may be caused in part by low fertility, disease, insects, winter kill, overcutting, drought, or frost may increase the chance of crop injury.

In California, use only north of U.S. Interstate 80.

Pure Stands of Alfalfa or Sainfoin: Select the rate from the table below:

| Soil Texture | LBS. "LEXONE" PER ACRE | |
|---|--------------------------|-----------------------------|
| | 1/2 to 2% Organic Matter | More than 2% Organic Matter |
| Coarse Loamy Sand, Sandy Loam | 3/4 to 1 | 1 to 1 1/4 |
| Medium Loam, Silt Loam, Silt, Sandy Clay, Sandy Clay Loam | 1 to 1 1/4 | 1 1/4 to 1 1/2 |
| Fine Clay, Clay Loam, Silty Clay, Silty Clay Loam | 1 1/4 to 1 1/2 | 1 1/2 to 2 |

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

Mixed Stands with Grasses: The higher range of rates for a given soil texture and organic matter classification in the table above may provide partial reduction of forage grass stands. Rates of 1 1/2 to 2 lbs. per acre may severely reduce stands of forage grass.

• ASPARAGUS

Make a single preemergence application of 2 to 4 lbs. per acre in early spring prior to spear emergence. Use the lower rate on coarse textured soils (soils low in clay or organic matter) and the higher rate on fine textured soils (high in clay or organic matter). If field is to be disked, apply "Lexone" after disking, but before crop emerges.

Do not apply within 14 days of harvest; do not apply after spear emergence. Do not use on newly seeded asparagus nor on young plants during the first growing season after setting crowns.

LEXONE + PROWL — Incorporate into soil within 7 days after application and no later than 7 days after application.

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Southern States and Eastern Coastal Plains

| Soil Texture | Rate Per Acre | |
|---|-----------------------------------|--|
| | "Lexone" (Lbs.) + "Prowl" (Pints) | |
| Coarse Loamy sand, sandy loam | 1/2 + 1 1/2 | |
| Medium Sandy clay loam, sandy clay, loam, silt, silt loam | 3/4 + 1 1/2 | |
| Fine Clay loam, silty clay loam, clay | 1 + 1 1/2 to 2 | |

Do not use on sand, muck or peat. Do not use on loamy sand or sandy loam with less than 1% organic matter, nor on other soils with less than 1/2% organic matter as crop injury may result. Treated vines may be grazed or fed to livestock 40 days after application.

Northeastern and Northcentral States

| Soil Texture | Rate Per Acre | |
|---|--|---|
| | 1/2 to 3% Organic Matter "Lexone" (Lbs.) + "Prowl" (Pints) | More than 3% Organic Matter "Lexone" (Lbs.) + "Prowl" (Pints) |
| Coarse Loamy sand, sandy loam (2% or more organic matter only) | 3/4 + 1 | 3/4 + 1 1/2 |
| Medium Sandy clay loam, sandy clay, loam, silt, silt loam | 3/4 + 1 1/2 to 2 | 3/4 to 1 + 1 1/2 to 2 |
| Fine Clay loam, silty clay loam, clay | 3/4 to 1 + 1 1/2 to 2 | 1 + 2 to 2 1/2 |

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

Treated vines may be grazed or fed to livestock 40 days after application.

"Lexone" + "Surflan" AS or "Surflan" 75W—Preplant Surface Application: Apply within 4 weeks of planting.

| Soil Texture | Rate Per Acre | | |
|---|-----------------|---|--|
| | "Lexone" (Lbs.) | + | "Surflan" AS or "Surflan" 75W |
| Coarse Sandy loam (minimum 1% organic matter) | 1/2 | + | 1/2 to 3/4 (qt.) or 2/3 to 1 (lb.) |
| Medium Loam, silt loam, silt, sandy clay loam | 3/4 | + | 3/4 to 1 (qt.) or 1 to 1 1/2 (lb.) |
| Fine Silty clay, silty clay loam, sandy clay, clay loam, clay | 1 | + | 1 to 1 1/2 (qt.) or 1 1/2 to 2 (lb.) |
| Mississippi Delta Only— Silty clay to heavy clay | 1 to 1 1/4 | + | 1 to 1 1/4 (qt.) or 1 1/4 to 1 3/4 (lb.) |

Do not use on sand or loamy sand. Do not use on sandy loam with less than 1% organic matter. Do not use on other soils with less than 1/2% organic matter. Do not use preemergence application on soils with more than 3% organic matter nor the preplant surface application on soils with more than 5% organic matter as poor weed control and/or crop injury may result. Do not use treated vines for feed or forage.

CONTINUED ON OTHER SIDE

CONTINUED FROM FRONT SIDE

Preplant Incorporated (PPI) Combinations Plus Preemergence—Use combinations as tank mixes in water. Promptly incorporate PPI treatment into soil before planting of soybeans. Improper soil incorporation can result in erratic weed control or crop injury. Do not plant seed more than 2" deep. After planting of soybeans and before emergence, apply a preemergence treatment of "Lexone".

"Lexone" + "Treflan" (PPI) + "Lexone"

| Preplant Incorporated (PPI) | | Plus Preemergence | | | |
|---|------------------------|---|------------------------|------------------------|--|
| "Lexone" + "Treflan" Apply within 4 weeks of planting | | "Lexone"—Apply before planting but before emergence | | | |
| Rate Per Acre | | Lbs. "Lexone" Per Acre | | | |
| "Lexone" (Lbs.) + "Treflan" (Pints) | | Less Than 2% OM | 2-4% OM | Over 4% OM | |
| Coarse Loamy sand, sandy loam | ½ + 1 | ¼ | ¼ | ½ | |
| Medium Loam, silt loam, silt, sandy clay, sandy clay loam | ½ + 1½ or ¾ + 1½ | ½ or ¼ | ½ to ¾ or ¼ to ½ | ¾ to 1 or ½ to ¾ | |
| Fine Silty clay, silty clay loam, clay, clay loam | ¾ + 2 or 1 + 2 | ½ or ¼ | ½ to ¾ or ¼ to ½ | ¾ to 1 or ½ to ¾ | |

Higher rates in the tank mixes are recommended in low rainfall areas or where low rainfall may follow application. Use the higher rate of preemergence "Lexone" where fields are prone to severe broadleaf weed pressure.

Do not use on sand, loamy sand, or sandy loam with less than 1% organic matter, nor on other soils with less than ½% organic matter as crop injury may result.

Treated vines may be grazed or fed to livestock 40 days after application.

"Lexone" + "Lasso" or "Lasso" EC (PPI) + "Lexone"

| Preplant Incorporated (PPI) | | Plus Preemergence | | | |
|---|----------------------|---|-----------------|------------------------|------------------------|
| "Lexone" + "Lasso" or "Lasso" EC Apply within 7 days of planting | | "Lexone"—Apply after planting but before emergence | | | |
| Rate Per Acre | | Lbs. "Lexone" Per Acre | | | |
| ½ to 2% Organic Matter "Lexone" (Lbs.) + "Lasso"/"Lasso" EC (Qts.) | | More than 2% Organic Matter "Lexone" (Lbs.) + "Lasso"/"Lasso" EC (Qts.) | Less than 2% OM | 2 to 4% OM | Over 4% OM |
| Coarse Sandy loam | ½ + 2 | ½ + 2 | ¼ | ¼ | ½ |
| Medium Loam, silt loam, silt, sandy clay, clay loam | ½ + 2 or ¾ + 2 | ½ + 2 or ¾ + 2 | ½ or ¼ | ½ to ¾ or ¼ to ½ | ¾ to 1 or ½ to ¾ |
| Fine Silty clay, silty clay loam, clay, clay loam | ¾ + 2 or 1 + 2 | ¾ + 2½ or 1 + 2½ | ½ or ¼ | ½ to ¾ or ¼ to ½ | ¾ to 1 or ½ to ¾ |

Higher rates in the tank mixes are recommended in low rainfall areas or where low rainfall may follow application. Use the higher rate of preemergence "Lexone" where fields are prone to severe broadleaf weed pressure.

Do not use on soils with less than ½% organic matter, nor on sand, loamy sand or muck soils as crop injury may result.

Treated vines may be grazed or fed to livestock 40 days after application.

"Lexone" + "Dual" 8E (PPI) + "Lexone"

"Lexone" + "Surflan" AS or "Surflan" 75W—Apply within 2 days after planting.

| Soil Texture | Rate Per Acre | |
|---|-----------------|---------------------------------------|
| | "Lexone" (Lbs.) | "Surflan" AS or "Surflan" 75W |
| ½ to 3% Organic Matter | | |
| Coarse Sandy loam (minimum 1% organic matter) | ¼ to ½ | ½ to ¾ (qt.) or ¾ to 1 (lb.) |
| Medium Loam, silt loam, silt, sandy clay loam | ½ to ¾ | ¾ to 1 (qt.) or 1 to 1½ (lb.) |
| Fine Silty clay, silty clay loam, sandy clay, clay loam, clay | ¾ to 1 | 1 to 1¼ (qt.) or 1½ to 1¾ (lb.) |
| Mississippi Delta Only — Silty clay to heavy clay | 1 to 1¼ | 1 to 1¼ (qt.) or 1½ to 1¾ (lb.) |

Do not use on sand or loamy sand. Do not use on sandy loam with less than 1% organic matter. Do not use on other soils with less than ½% organic matter. Do not use preemergence application on soils with more than 3% organic matter nor the preplant surface application on soils with more than 5% organic matter as poor weed control and/or crop injury may result. Do not use treated vines for feed or forage.

"Lexone" + "Amiben"

| Soil Texture | Rate Per Acre | | | |
|--|--|---|---|------------|
| | ½ to 3% Organic Matter "Lexone" (Lbs.) + "Amiben" (Quarts) | | More than 3% Organic Matter "Lexone" (Lbs.) + "Amiben" (Quarts) | |
| Coarse Loamy sand, sandy loam (2% or more organic matter only) | ¼ to ½ | + | 3 to 4 | ¾ + 3 to 4 |
| Medium Loam, silt loam, silt, sandy clay, sandy clay loam | ½ to ¾ | + | 3 to 4 | 1 + 4 to 5 |
| Fine Silty clay, silty clay loam, clay, clay loam | ¾ to 1 | + | 4 to 5 | 1 + 4 to 5 |
| Mississippi Delta Only — Silty clay to heavy clay | 1 to 1½ | + | 6 | 1½ + 6 |

Do not use on sand or muck soils as crop injury may result.

Treated vines may be grazed or fed to livestock 40 days after application.

"Lexone"

| Soil Texture | Lbs. "Lexone" Per Acre ¹ | |
|--|---|-----------------------------|
| | ½ to 2% Organic Matter | More than 2% Organic Matter |
| Coarse Loamy sand, sandy loam | Do Not Use (See tank mix use directions on other side) | |
| Medium ^{1,2} Loam, silt loam, silt, sandy clay, sandy clay loam | ½ to ¾ | 1 |
| Fine ^{1,2} Silty clay, silty clay loam, clay, clay loam | ¾ to 1 | 1 |
| Mississippi Delta Only — Silty clay to heavy clay | 1 to 1½ | 1½ |

1. **Alkaline (Calcareous) Soils:** For control of lambsquarters, redroot pigweed and wild mustard and suppression of green, yellow and giant foxtail, apply "Lexone" at ½ lb. per acre on medium soils and ¼ lb. per acre on fine textured soils containing more than ½% organic matter. Use ¼ lb. per acre only where soil pH is less than 7.5 and weed pressure is heavy. The ½ lb. per acre

| Soil Texture | Apply within 2 weeks of planting | | But before emergence | | |
|---|---|--|------------------------|------------------------|------------------------|
| | Rate Per Acre | | Lbs. "Lexone" Per Acre | | |
| | ½ to 3% Organic Matter "Lexone" (Lbs.) + "Dual" 8E (Pts.) | More than 3% Organic Matter "Lexone" (Lbs.) + "Dual" 8E (Pts.) | Less than 2% OM | 2 to 4% OM | Over 4% OM |
| Coarse Sandy Sand (Over 2% OM), Sandy loam | ½ + 1¼ | ½ + 1½ | ¼ | ¼ | ½ |
| Medium Sandy loam, silt loam, Silt | ½ + 1½ or ¾ + 1½ | ½ + 2 or ¾ + 2 | ½ or ¼ | ½ to ¾ or ¼ to ½ | ¾ to 1 or ½ to ¾ |
| Fine Silty clay loam, Sandy clay loam, Silty clay, sandy clay, clay loam, Clay | ¾ + 2 or 1 + 2 | ¾ + 2 to 2½ or 1 + 2 to 2½ | ½ or ¼ | ½ to ¾ or ¼ to ½ | ¾ to 1 or ½ to ¾ |

Higher rates in the tank mixes are recommended in low rainfall areas or where low rainfall may limit application. Use the higher rate of preemergence "Lexone" where fields are prone to severe broadleaf weed pressure.

Do not use on any sand or loamy sand with less than 2% organic matter. Do not use on soils with less than ½% organic matter or on alkaline soils with a pH above 7.4 as crop injury may occur. Do not use preplant incorporated on any sand, loamy sand, or sandy loam as crop injury may occur. Treated vines may be grazed or fed to livestock 40 days after application.

| Soil Texture | Preplant Incorporated (PPI) | | Plus Preemergence | | |
|--|--|-------------------|---|------------------------|------------------------|
| | "Lexone" + "Basalin" Apply within 2 weeks of planting | | "Lexone"—Apply after planting but before emergence | | |
| | Rate Per Acre | | Lbs. "Lexone" Per Acre | | |
| | "Lexone" (Lbs.) | "Basalin" (Pints) | Less than 2% OM | 2 to 4% OM | Over 4% OM |
| Coarse Sandy sand, Sandy loam | ½ | 1 | ¼ | ¼ | ½ |
| Medium Sandy loam, silt loam, Silt, sandy clay, Sandy clay loam | ½ or ¾ | 1½ or 1½ | ½ or ¼ | ½ to ¾ or ¼ to ½ | ¾ to 1 or ½ to ¾ |
| Fine Silty clay, silty clay loam, clay, Clay loam clay | ¾ or 1 | 2 or 2 | ½ or ¼ | ½ to ¾ or ¼ to ½ | ¾ to 1 or ½ to ¾ |

Higher rates in the tank mixes are recommended in low rainfall areas or where low rainfall may limit application. Use the higher rate of preemergence "Lexone" where fields are prone to severe broadleaf weed pressure.

Do not use on sand. Do not use on loamy sand or sandy loam with less than 1% organic matter, or on other soils with less than ½% organic matter as crop injury may result. Do not use treated vines for feed or forage.

| Soil Texture | Preplant Incorporated (PPI) | | Plus Preemergence | | |
|-----------------------|--|-----------------|--|------------|--|
| | "Lexone" + "Prowl" Incorporate into soil within 7 days after application and plant soybeans no later than 7 days after application. | | "Lexone"—Apply before planting but before emergence | | |
| | Rate Per Acre | | Lbs. "Lexone" Per Acre | | |
| | "Lexone" (Lbs.) + "Prowl" (Pints) | Less Than 2% OM | 2-4% OM | Over 4% OM | |
| Coarse Sandy sand, | ½ + 1½ | ¼ | ¼ | ½ | |

1 to 1¼ lb. on fine textured soils. Use the higher range of rates for improved cocklebur control. 3. Do not use on sand nor soils with less than ½% organic matter as crop injury may result. Treated vines may be grazed or fed to livestock 40 days after application.

Directed Postemergence Treatments (Southern and Southeastern States): "Lexone" may be applied as a directed postemergence treatment in addition to its use as a preemergence or preplant incorporated treatment. Apply when soybeans are at least 12 inches tall and when broadleaf weeds do not exceed 3 inches and grasses and common ragweed do not exceed 1 inch in height. Direct spray to cover weeds with minimal or no contact to soybean plant. Crop injury may result if spray is higher than 2 inches on soybean stem. Apply ½ to 1 lb. per acre in 25 to 40 gallons water. Use the lower rate for seedling weeds and the higher rate for larger weeds. Application of ½ lb. per acre controls Florida beggarweed, carpetweed, cocklebur, dayflower, Mexican weed, prostrate and smooth pigweed, redroot pigweed (carelessweed), common purslane, sicklepod (cassia), velvetleaf and crabgrass (large, smooth); ¾ to 1 lb. per acre controls hemp sesbania, prickly sida (spiny sida, leaweed); 1 lb. per acre controls jimsonweed, Pennsylvania smartweed, common ragweed and gives partial control of morningglory species, horsenettle, Florida purslane (Florida pusley), spotted spurge and wild poinsettia when less than 3 inches tall and broadleaf signalgrass up to 1 inch tall. Do not use on sand, nor on soils with less than ½% organic matter as crop injury may result. Add a non-ionic surfactant such as Du Pont Surfactant WK or "Ortho" X-77 Spreader to the spray mixture to obtain better wetting of weed leaf surfaces. If needed, a second application may be made after 7 days.

Apply only with ground equipment designed for precise application of directed sprays such as oiling shoes or gauge wheels. Do not exceed nozzle pressure of 25 psi or use nozzle tips smaller than 8002 T-Jet (or equivalent). For broadcast application, use a single flood-type spray nozzle ("K" series or equivalent) per middle, mounted on an oiling shoe or gauge wheel. For band treatment, use two nozzles per row mounted on oiling shoes or gauge wheels one on each side of a row. Do not apply under weather conditions which favor drift.

Treated vines may be grazed or fed to livestock 40 days after application.

Minimum or No-Tillage Soybeans: "Lexone" plus paraquat or "Roundup" may be used as a tank mixture for preemergence and postemergence control of many broadleaved weeds and grasses and for top kill or suppression of some perennials where soybeans will be planted directly into a preformed bed (stale seedbed), cover crop, or in previous crop residues such as corn or small grain stubble. For improved grass and volunteer small grain control, the addition of "Lasso" (or "Lasso" EC) or "Surflan" to the "Lexone" plus paraquat or "Roundup" tank mixture is recommended. For all combinations, except "Surflan", treated vines may be grazed or fed to livestock 40 days after application.

Apply with ground equipment, during or after planting but before crop emerges. Use 20 to 60 gals. of water per acre for paraquat and use the higher gallonage for dense stubble or vegetation. Use 20 to 30 gals. of water per acre for "Roundup" combinations.

"Lexone" + Paraquat—Select the rate from the preemergence table for use of "Lexone" and thoroughly mix in spray tank first; then add paraquat as directed under "Paraquat Combinations".

"Lexone" + "Lasso" (or "Lasso" EC) + Paraquat—Select the rate from the table for use of "Lexone" + "Lasso" tank mixture and thoroughly mix in spray tank first according to directions; then add paraquat as directed under "Paraquat Combinations".

"Lexone" + "Surflan" + Paraquat—Select the rate from the table for use of "Lexone" + "Surflan" tank mixture and thoroughly mix in spray tank first according to directions; then add paraquat as directed under "Paraquat Combinations".

Do not use treated vines for feed or forage.

Paraquat Combinations—Select the "Lexone" or "Lexone" combination treatment above and mix in the spray tank according to directions; then add 1 to 2 pts. paraquat (2 lb. active/gal.) per acre. Use the higher rate for weeds 4" to 6" tall. As the last ingredient, add 8 oz. Du Pont Surfactant WK or "Ortho" X-77 Spreader per 100 gals. of spray mixture. Maintain constant agitation.

"Roundup" Combinations ("Lexone" + "Lasso" + "Roundup"): Select the rate from the table for use of "Lexone" + "Lasso" tank mixture and thoroughly mix in spray tank first according to directions; then add 1 to 2 qts. "Roundup" per acre to the mixture and maintain constant agitation. Use the higher rates for maximum top kill of vegetation.

• SUGARCANE

Hawaii—Make a single broadcast application as follows: for aerial application (irrigated cane only), use at least 7 gals. water per acre. Spot treatment may also be made at the rate of 5 to 10 lbs. per acre, but do not exceed 16 lbs. total per acre per crop cycle. Do not apply within 17 months of harvest.

| Time of Application | Lbs. Per Acre | |
|---|---------------|---------------|
| | Irrigated | Non-Irrigated |
| Preemergence—apply within 2 weeks after planting —or— Early Postemergence—apply over cane | 8 to 12 | 4 to 8 |

| | | | | | | |
|---------------------------------------|---|---|---------|--------|--------|------------------|
| Sandy clay loam | ¾ | + | 1½ to 2 | ¾ | ¾ to ½ | ½ to ¼ |
| Fine Clay loam, silty clay loam, clay | ¾ | + | 1½ to 2 | ½ or ¾ | ½ to ¾ | ¾ to 1 or ½ to ¾ |

Higher rates in the tank mixes are recommended in low rainfall areas or where low rainfall may follow application. Use the higher rate of preemergence "Lexone" where fields are prone to severe broadleaf weed pressure.

Do not use on sand, muck or peat. Do not use on loamy sand or sandy loam with less than 1% organic matter, nor on other soils with less than ½% organic matter as crop injury may result. Treated vines may be grazed or fed to livestock 40 days after application.

Preplant Incorporation Plus Preemergence: ("Lexone" Following "Dual", "Treflan", "Tolban", "Prowl" or "Basalin"): Apply "Dual", "Treflan", "Tolban", "Prowl" or "Basalin" as a preplant incorporated treatment according to directions on product label. As a separate operation, follow with "Lexone" using rates given under "Preemergence Application".

Preemergence Application: Apply after planting but before soybeans emerge; do not spray over top of emerged soybeans. Plant seed 1½" 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 before planting. Use combinations as tank mixtures in water.

Where a range of "Lexone" dosage rates is listed for a specific soil type and organic matter, use the higher rate for difficult control problems, such as cocklebur, coffeeweed, jimsonweed, coffeebean, sicklepod, prickly sida, or velvetleaf. Use the higher rate also for minimum or no-tillage soybeans, and in the states of Georgia and South Carolina.

"Lexone" + "Lasso" or "Lasso" EC

| Soil Texture | Rate Per Acre | | | | | |
|---|--|---|---|----|---|---------|
| | ½ to 2% Organic Matter "Lexone" + "Lasso" EC (Lbs.) (Quarts) | | More than 2% Organic Matter "Lexone" + "Lasso" EC (Lbs.) (Quarts) | | | |
| Coarse Sandy loam | ¾ to ½ | + | 2 | ¾ | + | 2 |
| Medium Loam, silt loam, silt, sandy clay, sandy clay loam | ½ to ¾ | + | 2 | 1 | + | 2 |
| Fine Silty clay, silty clay loam, clay, clay loam | ¾ to 1 | + | 2 | 1 | + | 2½ |
| Mississippi Delta Only— Silty clay to heavy clay | 1 to 1½ | + | 2 to 2½ | 1½ | + | 2 to 2½ |

Do not use on soils with less than ½% organic matter, nor on sand, loamy sand or muck soils as crop injury may result.

Treated vines may be grazed or fed to livestock 40 days after application.

"Lexone" + "Prowl"

Southern States and Eastern Coastal Plains

| Soil Texture | Rate Per Acre | |
|---|-----------------------------------|-----------|
| | "Lexone" (Lbs.) + "Prowl" (Pints) | |
| Coarse Loamy sand, sandy loam | ¾ to ½ | + 1½ |
| Medium Sandy clay loam, sandy clay, loam, silt, silt loam | ½ to ¾ | + 1½ |
| Fine Clay loam, silty clay loam, clay | ¾ to 1 | + 1½ to 2 |

Do not use on sand, muck or peat. Do not use on loamy sand or sandy loam with less than 1% organic matter, nor on other soils with less than ½% organic matter as crop injury may result.

Treated vines may be grazed or fed to livestock 40 days after application.

Northeastern and Northcentral States

| Soil Texture | Rate Per Acre | |
|--------------|------------------------|-----------------------------|
| | ½ to 2% Organic Matter | More than 2% Organic Matter |
| | ¾ to ½ | + 1½ to 2 |

In addition to the weeds listed elsewhere on this label, treatment (non-irrigated cane) controls ageratum, spiny amaranth, wild euphorbia, fireweed, Flora's paintbrush, Richardia, garden spurge, graceful spurge, tarweed, guineagrass, plushgrass, ricegrass and wiregrass (goosegrass); in irrigated cane, the foregoing weeds plus spleen amaranth, haole koa, hialoa, hila hila, rattlespod and Alexander grass.

• SUGARCANE

Louisiana and Texas—Apply 3 to 6 lbs. per acre during the fall after planting but before cane emerges, or to the stubble after harvest. Make a second application in early spring prior to new cane growth. If necessary, a third application may be made in late spring at layby. Do not apply within 60 days of harvest. Do not use treated foliage for feed or forage.

In addition to the weeds listed elsewhere on this label, treatment controls curly dock, morning-glory, mare's tail, sowthistle and winter oats.

• TOMATOES

East of Rocky Mountains (Except Florida)—Apply "Lexone" as a preplant incorporated treatment alone or in a tank mixture with "Treflan" EC in transplanted tomatoes, or apply as a postemergence broadcast or directed spray to established tomatoes.

Apply uniformly to seeded or transplanted tomatoes with a properly calibrated low-pressure (20" to 40 psi) fixed-boom sprayer with fan-type nozzles. Use 10 to 40 gallons of water per acre with ground equipment for preplant incorporated treatment and 20 to 75 gallons for postemergence broadcast or directed spray application. Do not use air blast or other high pressure spray equipment for postemergence spray applications.

Preplant Incorporated—"Lexone" or "Lexone" Plus "Treflan" EC Tank Mix (Transplant Tomatoes): Apply ½ to 1 pound per acre of "Lexone" alone or as a tank mix combination with "Treflan" EC as a broadcast spray immediately before transplant. Use the higher rate for heavy weed pressure or for difficult to control weeds. Incorporate uniformly to a depth of 2 to 4 inches. Apply "Treflan" EC at rates of 1 to 2 pints per acre on coarse soils; 1½ to 2 pints per acre on medium soils; and 1½ to 2 pints per acre on fine soils. Consult "Treflan" EC label for specific use instructions and observe all cautions and limitations. When "Lexone" is tank mixed with "Treflan" EC, apply immediately after mixing; do not allow tank mixture to stand for prolonged periods of time.

Broadcast Postemergence Application (Established Tomatoes): Apply ½ to 1 pound per acre. Use the higher rate for heavy weed pressure or for difficult-to-control weeds. Treat before weeds are 1 inch tall. One or more applications may be made per crop season; allow at least 14 days between applications. Do not apply more than 2 pounds total within a 35-day period or per crop season. Do not treat seeded or transplanted tomatoes until plants have reached the 5 to 6 leaf stage or until transplants have recovered from transplant shock and new growth has started. Apply only if there have been at least 3 successive days of sunny weather prior to application, or crop injury may occur. Do not apply within 24 hours of treatment with other pesticides. Do not tank mix with other pesticides.

Directed Postemergence Application (Established Tomatoes): Apply 1 to 2 pounds per acre as a directed spray according to directions under "Broadcast-Postemergence Application". Do not allow spray to contact tomato foliage. This method of application is recommended for fields with heavy weed pressure or difficult to control weed species. **NOTE:** Because tomato varieties vary in their resistance to "Lexone", determine tolerance prior to adoption as a field practice to prevent possible crop injury. Do not use hot caps on tomatoes within 7 days before or at any time after application of "Lexone". Crop injury or delayed maturity may result from post-emergence or directed spray applications if tomatoes are growing under stress conditions caused by low fertility, disease, insects, drought, cool, wet or cloudy weather prior to application. Do not apply within 7 days of harvest.

CROP ROTATION RECOMMENDATIONS: For rotation crops in fields treated with "Treflan", follow instructions on product label.

See "Replanting and Crop Rotation Recommendations" for further details.

Non-Crop Weed Control: Apply 2 to 12 lbs. "Lexone" per acre in 20 to 60 gallons of water. For best results, apply shortly before weed growth begins.

For control of established seedling weeds add:

1 to 2 pints Paraquat (2 lbs. active per gallon) per acre in 20 to 60 gallons of water per acre using the higher spray volume for weeds 4" to 6" tall. As the last ingredient, add 8 ounces Surfactant WK or "Ortho" X-77 Spreader per 100 gallons of spray mixture or add 1 to 2 quarts "Roundup" in 20 to 30 gallons of water per acre. Use the higher rates for maximum top kill of vegetation.

STORAGE AND DISPOSAL

STORAGE: Keep container closed when not in use. Store product in original container only, away from other pesticides, fertilizer, food, or feed.

SUPPLEMENTAL LABELING
EPA REG. NO. 352-375

LEXONE® WEED KILLER
FOR USE ON WINTER WHEAT,
BARLEY, AND FALLOW

DIRECTIONS FOR USE

ACCEPTED

APR 26 1984

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 352-375

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

Du Pont Lexone® Weed Killer is recommended for weed control:

- on the winter wheat varieties TAM W101, TAM 105, Newton and Eagle in the states of Kansas, Oklahoma, and Texas.
- on winter wheat, winter barley, and spring barley, (except varieties Morex, Glenn, or Moravian 3) in the states of Idaho, Oregon, Utah, and Washington.
- in reduced tillage fallow where wheat will be the following crop. For use in the states of Colorado, Idaho, Kansas, Montana, Nebraska, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming.

Treatment controls or partially controls:

| | | |
|---|-----------------------------|------------------------------|
| Blue mustard ¹ | Filaree | Pigweed (prostrate, redroot) |
| Bur buttercup | Flixweed ¹ | Pineappleweed |
| Chickweed (common mouse-ear, jagged) | Gromwell ¹ | Prickly lettuce |
| Conical catchfly | Henbit | Russian thistle ¹ |
| Corn cockle | Jacobs ladder | Shepherdspurse |
| Dog fennel (Mayweed) | Jim Hill mustard | Speedwell (ivy leaf) |
| False flax | Knotweed | Tansy mustard ¹ |
| Lambsquarter | Kochia | Tarweed (fiddleneck) |
| Fanweed | Wild buckwheat ¹ | Treacle mustard |
| | Miners lettuce | Wild mustard |

Annual ryegrass (except Kansas, Oklahoma, Texas)

- | | |
|-----------------------------|--|
| Downy Bromel ^{1,2} | Pacific meadow foxtail (Blackgrass) ¹ |
| Cheatgrass ^{1,2} | Windgrass ¹ |
| Green foxtail ¹ | Yellow Foxtail ¹ |

HOW TO USE ON DRYLAND WHEAT & BARLEY

Apply postemergence to the crop when wheat/barley is well tillered (at least 3 tillers) and has developed 2" secondary roots throughout the entire field. A well developed secondary root system and good crop vigor is essential to minimize injury to wheat/barley. Application must be made prior to jointing as crop injury may result.

For best weed control results:

- Apply "Lexone" before broadleaf weeds emerge or shortly after emergence and before weeds are 2" tall or across.
- Use a Fall treatment for winter annuals or a spring treatment for summer annual broadleaf weeds. Avoid making treatments in mid-winter in areas where severe winter weather can cause crop stress.
- Apply "Lexone" before grasses emerge or shortly after emergence and before the 3 to 5 leaf stage and use the higher dosage rates listed.

Rainfall (1/2") within 2 to 3 weeks after application is needed to move "Lexone" into the weed root zone. Lack of adequate rainfall after application will result in poor control.

USE RATES

Make a single broadcast application postemergence to the crop as follows:
(Idaho, Oregon, Utah, and Washington)

| Soil Texture | Pounds of Lexone [®] Per Acre | | |
|---|--|------------------------|-----------------------------|
| | Less than 1% Organic Matter | 1 to 2% Organic Matter | More than 2% Organic Matter |
| <u>Coarse</u> loamy sand, sandy loam | 0.50 to 0.60 | 0.50 to 0.60 | 0.50 to 0.60 |
| <u>Medium</u> loam, silt loam, silt, sandy clay, sandy clay loam | 0.50 to 0.60 | 0.60 to 0.75 | 0.60 to 0.90 |
| <u>Fine</u> silty clay, silty clay loam, clay, clay loam | 0.50 to 0.75 | 0.75 to 1.0 | 0.75 to 1.0 |

Do not use on gravelly or thinly covered or exposed subsoil areas (clay knobs) as crop injury may occur.

| Soil Type | Pounds of Lexone® Per Acre | | | |
|---|----------------------------|-----------------|--------------------|-----------------|
| | Fall Application | | Spring Application | |
| | 1 to 2% OM | More than 2% OM | 1 to 2% OM | More than 2% OM |
| <u>Coarse</u> loamy sand, sandy loam | Do Not Use | 0.50 | Do Not Use | 0.50 to 0.75 |
| <u>Medium</u> loam, silt loam, silt, sandy clay, sandy clay loam | 0.50 to 0.75 | 0.75 | 0.75 to 1.0 | 0.75 to 1.0 |
| <u>Fine</u> silty clay, silty clay loam, clay loam | 0.75 | 0.75 to 1.0 | 0.75 to 1.0 | 1.0 |

Use the lower rates on coarse textured soils and the higher rates on medium or fine textured soils having more than 1% organic matter. For grass control, use the highest rate listed for your soil type.

IRRIGATED WHEAT/BARLEY

Rainfall or sprinkler irrigation is needed to activate "Lexone". If adequate rainfall (1/2" within 2 to 3 weeks after application) does not occur, then activate via sprinkler irrigation. Do not apply more than 1/2" of water for the first irrigation after application. The maximum amount for each additional irrigation should not exceed 1".

SPECIFIC HERBICIDE COMBINATIONS

Winter Wheat, Spring and Winter Barley

"Lexone" may be tank mixed with "Igran" for use on winter wheat and winter barley. Do not use more than 1.0 lbs./acre "Igran" in tank mix. On winter wheat, spring wheat, and spring barley, "Lexone" may be tank mixed with "Glean", 2,4-D "Banvel", MCPA, "Bronate", "Buctril", "Brominal Plus", or "Brominal". Refer to the other product labels registered for this use for additional precautions, directions, rates, and weeds controlled.

"Lexone" and "Igran" (Winter Wheat, Winter Barley) - Pacific NW and Utah

For added control of downy brome, apply "Lexone" at 0.50 pounds per acre plus "Igran" at 0.75 to 1.00 pound per acre. Follow "Lexone" timing of application recommendation. Do not use on spring barley or irrigated wheat/barley. Refer to "Igran" label for additional precautions and instructions.

How to Use for Reduced Tillage Fallow

Apply 0.67 to 1.5 pounds "Lexone" per acre as an after harvest treatment prior to subsequent planting of winter wheat. Use the lower rate on coarse textured soils and the higher rate on medium to fine textured soil.

"Lexone" can be applied in the Fall after harvest at 1.0 to 1.5 lbs./acre or in the Spring at 0.67 to 1.0 lbs./acre as new weed growth begins.

If large weeds (larger than 2" tall or across) are present, or weeds other than those listed are present or anticipated, use a suitable registered companion herbicide such as "Glean", "Paraquat", "Round-Up", or "Chem-Hoe" 135. Refer to labeling for these products for the additional use instructions and precautions.

When using "Lexone" and "Round-Up" tank mix spray, volume should be 10 gpa.

Where spring application is appropriate in Colorado, Kansas, Montana, Nebraska, North Dakota, Oklahoma, South Dakota, Texas, and Wyoming improved control of downy brome, Russian thistle, and tansy mustard, tank mix 0.50 to 1.0 lbs. of "Lexone" with 2 to 2.5 lbs. "Igran" 80 W per acre.

Do not plant spring seeded cereals following "Lexone" Fall fallow applications.

Do not apply "Lexone" in the spring if "Lexone" was used the preceding Fall or Winter.

Recrop Intervals

Do not plant winter wheat within 6 months of treatment except in Colorado, Kansas, Montana, Nebraska, North Dakota, Oklahoma, South Dakota, Texas, and Wyoming where winter wheat may be planted 4 months after treatment of 0.50 to 1.0 lbs. "Lexone" per acre.

Rotational Crop Interval

Do not plant crops (other than wheat as listed above) within 10 months of treatment.

SPRAY PREPARATION

Mix the proper amount of "Lexone" into the necessary volume of water in the spray tank with the agitator running. Other herbicides or fertilizer solutions should be added last.

Crops (as listed)

"Lexone" may be mixed with liquid fertilizer. However, addition of liquid fertilizer to "Lexone" alone or in a three-way tank mix with other herbicides increases the possibility of crop injury. Do not use surfactant when using "Lexone" in combination with liquid fertilizer. For application of "Lexone" in liquid fertilizer, where the liquid fertilizer is the carrier, slurry the "Lexone" in water, then thoroughly mix the slurry into the liquid fertilizer.

Fallow:

"Lexone" may be used in any combination listed above.

When using tank mixes with "Lexone", small quantities should be tested for compatibility prior to use.

The use of mixtures with "Lexone" increases the possibilities of injury or temporary yellowing to the crop especially if 2" secondary roots are not developed throughout the field.

APPLICATION

Apply "Lexone" using properly calibrated air or ground equipment. Uniform coverage is essential in order to obtain optimum weed control performance and minimize the potential for crop injury. Use a minimum spray volume of 3 gallons per acre by air or ground.

As injury to crop may result, avoid overlapping of spray swath. Shut off spray booms while starting, turning, slowing, or stopping. Continuous agitation is needed to keep "Lexone" in suspension.

NOTE: Do not apply under conditions where excessive drift may occur.

Do not apply "Lexone" alone or in combination to stressed plants.

Do not treat fields where seed had been planted less than 1" deep.

Do not treat fields that have been severely grazed.

Do not graze treated fields for 14 days following treatment.

Do not apply more than once per crop or fallow period.

Because Spring barley varieties may vary in their tolerance to "Lexone" limit first use to a small area to determine varietal response prior to adoption as a field practice.

Do not use on soils having a calcareous surface area or a pH of 7.5 or higher as crop injury may result.

Do not apply when soil is frozen or crop is in winter dormancy.

Do not apply when soil is saturated with moisture.

Temporary yellowing or injury of the crop may occur, especially if frost or snow occurs within a few days of application. Severe winter stress, heaving, exposed root systems, disease, or insect damage preceding or following application may increase crop injury. Winter wheat/barley varieties differ in their degree of winter hardiness; severe injury may result from treating non-winter hardy varieties that will not withstand the combination of winter and herbicide stress. If heavy rains occur soon after application, injury to the crop may result. Extended dry weather following treatment may reduce weed control effectiveness.

IMPORTANT

BEFORE USING "LEXONE" OR OTHER HERBICIDES IN COMBINATION, READ AND CAREFULLY OBSERVE THE CAUTIONARY STATEMENTS AND ALL OTHER INFORMATION ON THE PRODUCT LABELS.

This bulletin contains new or supplemental directions 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.

- 1 Weeds and grasses partially controlled. Partial control is an observable reduction in weed competition (reduced weed population and/or vigor) as compared to an untreated area. Degree of partial control can vary with soil type, environmental factors, and size of weeds of application.
- 2 Best results with late Fall treatments.

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AGRICULTURAL BULLETIN



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

SUPPLEMENTAL LABELING
LOROX® L EPA REG. NO. 352-391
LEXONE® EPA REG. NO. 352-375

LOROX® L HERBICIDE PLUS LEXONE® HERBICIDE
PLUS DUAL® 8E 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® L 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® L, 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.

ACCEPTED

SEP 21 1984

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 352-375

Use Rates

| Soil Texture | 1/2 to 3% Organic Matter | 3% to 6% Organic Matter |
|--------------|--------------------------|-------------------------|
|--------------|--------------------------|-------------------------|

Coarse

| | | | |
|------------|-------------------------|---|---------------------------|
| Sandy loam | 1/3 to 1/2 pt. Lorox® L | + | 1/3 to 3/4 pt. Lorox® L + |
| | 1/4 to 2/5 lb. Lexone® | + | 2/5 to 1/2 lb. Lexone® + |
| | 3/4 to 1 pt. Dual® 8E | | 1 to 1 1/2 pts. Dual® 8E |

Medium

| | | | |
|--|--------------------------|---|------------------------------|
| Silt, Sandy clay, Loam, Silt loam, Sandy clay loam | 1/2 to 3/4 pt. Lorox® L | + | 3/4 to 1 1/2 pts. Lorox® L + |
| | 2/5 to 1/2 lb. Lexone® | + | 1/2 to 3/4 lb. Lexone® + |
| | 1 to 1 1/2 pts. Dual® 8E | | 1 1/2 to 2 pts. Dual® 8E |

Fine

| | | | |
|--|----------------------------|---|----------------------------|
| Clay loam, Clay, Silty clay, Silty Clay loam | 3/4 to 1 1/2 pts. Lorox® L | + | 1 1/2 to 2 pts. Lorox® L + |
| | 1/2 to 3/4 lb. Lexone® | + | 3/4 to 1 lb. Lexone® |
| | 1 1/4 to 2 pts. Dual® 8E | | 2 to 3 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® L. 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 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® L 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® L, LEXONE®, 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.

*Registered trademark of Ciba-Geigy Corporation.

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AGRICULTURAL BULLETIN

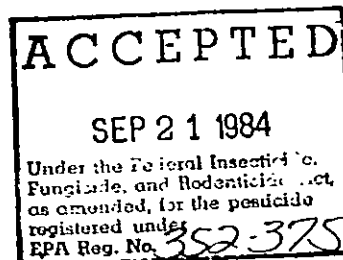
DU PONT

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LOROX® L PLUS LEXONE®
PLUS LASSO®
FOR
SOYBEANS

SUPPLEMENTAL LABELING
LOROX® L EPA REG. NO. 352-391
LEXONE® EPA REG. NO. 352-375

LOROX® L HERBICIDE PLUS LEXONE® HERBICIDE
PLUS LASSO® 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® L Herbicide is recommended as a tank mix with Lexone® Herbicide and Lasso® for application as a preplant shallow incorporation or preemergence treatment of soybeans to control prickly sida, purslane, hemp sesbania, lambsquarters, pigweed, common ragweed, velvetleaf, venice mallow, spotted spurge, fall panicum, foxtails, barnyardgrass, broadleaf signalgrass, and goosegrass. The combination also offers partial control of cocklebur, jimsonweed and sicklepod. For additional grasses controlled, see Lasso® labeling.

HOW TO USE

Preplant Incorporation

Apply the tank mix combinations of Lorox® L, Lexone® and Lasso® 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® L, Lexone®, and Lasso® after planting but before soybeans emerge; do not spray over the 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 |
|--------------|--------------------------|------------------------|
|--------------|--------------------------|------------------------|

Coarse

| | | | |
|------------|-------------------------|---------------------------|---|
| Sandy loam | 1/3 to 1/2 pt. Lorox® L | + 1/3 to 3/4 pt. Lorox® L | + |
| | 1/4 to 2/5 lb. Lexone® | + 2/5 to 1/2 lb. Lexone® | + |
| | 3/4 to 1 qt. Lasso® | 1 to 1 1/2 qts. Lasso® | |

Medium

| | | | |
|--|-------------------------|------------------------------|---|
| Silt, Sandy clay, Loam, Silt loam, Sandy clay loam | 1/2 to 3/4 pt. Lorox® L | + 3/4 to 1 1/2 pts. Lorox® L | + |
| | 2/5 to 1/2 lb. Lexone® | + 1/2 to 3/4 lb Lexone® | + |
| | 1 to 1 1/2 qts. Lasso® | 1 1/2 to 2 qts. Lasso® | |

Fine

| | | | |
|--|----------------------------|----------------------------|---|
| Clay loam, Clay, Silty clay, Silty Clay loam | 3/4 to 1 1/2 pts. Lorox® L | + 1 1/2 to 2 pts. Lorox® L | + |
| | 1/2 to 3/4 lb. Lexone® | + 3/4 to 1 lb. Lexone® | + |
| | 1 1/4 to 2 qts. Lasso® | 2 to 3 qts. Lasso® | |

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® L. When tank is 3/4 full, add Lasso®. 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 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® L plus Lexone® plus Lasso® 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® L, LEXONE®, AND LASSO®* 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.

*Registered trademark of Monsanto Co.

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AGRICULTURAL BULLETIN

DU PONT

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LOROX® PLUS LEXONE®
PLUS LASSO®
FOR SOYBEANS

SUPPLEMENTAL LABELING

LOROX® EPA REG. NO. 352-270

LEXONE® EPA REG. NO. 352-375

LOROX® HERBICIDE PLUS LEXONE® HERBICIDE
PLUS LASSO® 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® Herbicide is recommended as a tank mix with Lexone® Herbicide

preemergence treatment of soybeans to control prickly sida, purslane, hemp sesbania, lambsquarters, pigweed, common ragweed, velvetleaf, venice mallow, spotted spurge, fall panicum, foxtails, barnyardgrass, broadleaf signalgrass, and goosegrass. The combination also offers partial control of cocklebur, jimsonweed and sicklepod. For additional grasses controlled, see Lasso® labeling.

HOW TO USE

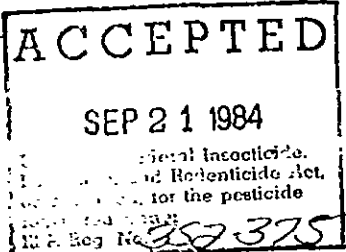
Preplant Incorporation

Apply the tank mix combinations of Lorox®, Lexone® and Lasso® 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 Lasso® 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.



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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® + |
| | 3/4 to 1 qt. Lasso® | 1 to 1 1/2 qts. Lasso® |
| <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 to 1 1/2 qts. Lasso® | 1 1/2 to 2 qts. Lasso® |
| <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 1/4 to 2 qts. Lasso® | 2 to 3 qts. Lasso® |

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 Lasso®. 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 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 Lasso® 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 LASSO®* 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 Monsanto Co.



AGRICULTURAL BULLETIN

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DU PONT

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

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® 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, jimson-weed 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.

ACCEPTED
SEP 21 1984
Under the Federal Insect
Fungicide, and Rodenticide
Act, as amended, for the pest
registered under
EPA Reg. No. 352-375

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" | + |
| | 3/4 to 1 pt. "Dual" 8E | | 1 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 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 1/4 to 2 pts. "Dual" 8E | | 2 to 3 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.

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 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.

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.

* Registered trademark of Ciba-Geigy Corp.

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AGRICULTURAL BULLETIN



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

SUPPLEMENTAL LABELING
LOROX® L EPA REG. NO. 352-391
LEXONE® EPA REG. NO. 352-375

LOROX® L HERBICIDE PLUS LEXONE® HERBICIDE
PLUS DUAL® 8E 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® L 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

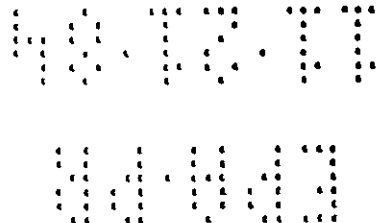
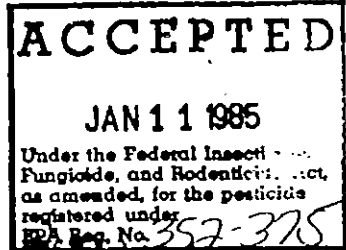
Preplant Incorporation

Apply the tank mix combinations of Lorox® L, 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.



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Use Rates

| Soil Texture | 1/2 to 3% Organic Matter | 3% to 6% Organic Matter |
|--------------|--------------------------|-------------------------|
|--------------|--------------------------|-------------------------|

Coarse

| | | | | |
|------------|-------------------------|---|------------------------------|---|
| Sandy loam | 1/3 to 1/2 pt. Lorox® L | + | 1/3 to 3/4 pt. Lorox® L | + |
| | 1/4 to 2/5 lb. Lexone® | ± | 2/5 to 1/2 lb. Lexone® | ± |
| | 1 to 1 1/4 pt. Dual® 8E | | 1 1/4 to 1 1/2 pts. Dual® 8E | |

Medium

| | | | | |
|--|------------------------------|---|----------------------------|---|
| Silt, Sandy clay, loam, Silt loam, Sandy clay loam | 1/2 to 3/4 pt. Lorox® L | + | 3/4 to 1 1/2 pts. Lorox® L | + |
| | 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 1/3 to 2 pts. Dual® 8E | |

Fine

| | | | | |
|--|----------------------------|---|--------------------------|---|
| Clay loam, Clay, Silty clay, Silty Clay loam | 3/4 to 1 1/2 pts. Lorox® L | + | 1 1/2 to 2 pts. Lorox® L | + |
| | 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® L. 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.

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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® L 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

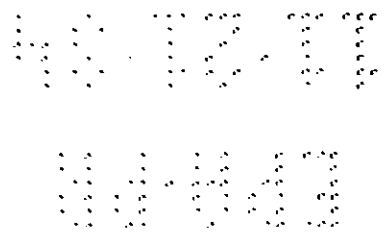
BEFORE USING LOROX® L, LEXONE®, AND DUAL® 8E* READ AND CAREFULLY OBSERVE THE CAUTIONARY STATEMENTS AND ALL OTHER INFORMATION APPEARING ON THE PRODUCT LABELS.

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.

*Registered trademark of Ciba-Geigy Corporation.

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AGRICULTURAL BULLETIN



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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

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

ACCEPTED
JAN 11 1985
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 352-375

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

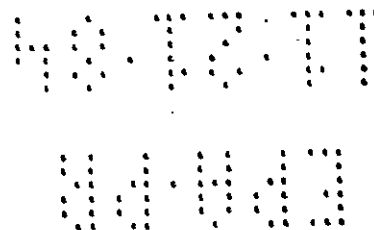
Preplant Incorporation

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.



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

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 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.

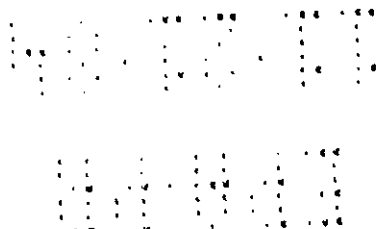
This bulletin contains new or supplemental instructions for use of this product which may not appear on the package labels. Follow the instructions carefully.

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

* Registered trademark of Ciba-Geigy Corp.

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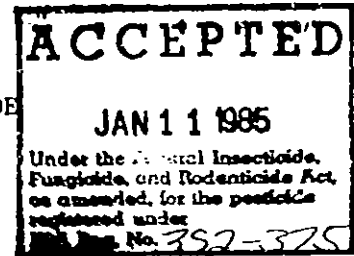
Lorox® Plus Lexone® Plus Dual® 8E
for
Soybeans

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



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® 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.

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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 1/3 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.

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 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

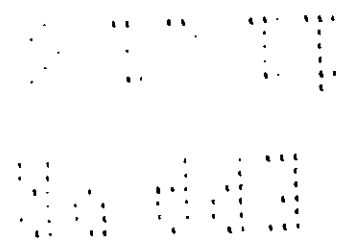
BEFORE USING "LOROX", "LEXONE", AND "DUAL" 8E*READ AND CAREFULLY OBSERVE THE CAUTIONARY STATEMENTS AND ALL OTHER INFORMATION APPEARING ON THE PRODUCT LABELS.

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.

* Registered trademark of Ciba-Geigy Corp.

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AGRICULTURAL BULLETIN

SUPPLEMENTAL LABELING

LEXONE® PLUS "DUAL" 8E

POTATOES - NORTHEAST

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SUPPLEMENTAL LABELING
EPA REGISTRATION NO. 352-375

LEXONE® HERBICIDE AS A TANK MIXTURE
WITH "DUAL" 8E
FOR WEED CONTROL IN POTATOES IN THE NORTHEAST

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. 352-375

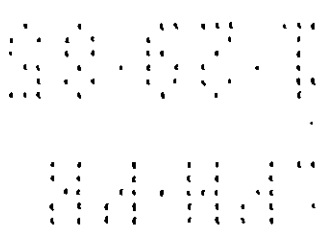
It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Du Pont Lexone® Herbicide 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

Apply 1-2 lbs. per acre of "Lexone" in tank mix combination with "Dual" 8E at 1.5 to 3.0 pts/A, after planting or after drag-off, but before crop emerges. Use the lower rates of each product in coarse textured soils and the higher rates in fine textured soils (high in clay or organic matter).

NOTE: Because potato varieties vary in their resistance to herbicides, determine tolerance to "Lexone" prior to adoption as a field practice to prevent possible crop injury. Use of "Lexone" on sands or loamy sands containing 1/2 to 1 1/2% organic matter may result in crop injury. Do not use on any soil containing less than 1/2% organic matter, as crop injury may result. Preemergence use on soils containing more than 10% organic matter may result in only partial weed control. Do not apply to sweet potatoes or yams. Do not incorporate into soil.



IMPORTANT

BEFORE USING "LEXONE" 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.

* Registered trademark of Ciba Geigy Corp.; "Dual" 8E contains 8 lbs. metolachlor per gallon.

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AGRICULTURAL BULLETIN



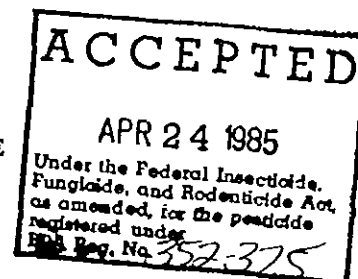
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Lorox® Plus Lexone® Plus Dual® 8E
for
Soybeans

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



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® 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.

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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.

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

* Registered trademark of Ciba-Geigy Corp.

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AGRICULTURAL BULLETIN



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

SUPPLEMENTAL LABELING
LOROX® L EPA REG. NO. 352-391
LEXONE® EPA REG. NO. 352-375

LOROX® L HERBICIDE PLUS LEXONE® 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. 352-375

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

Du Pont Lorox® L 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

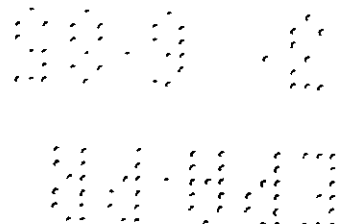
Preplant Incorporation

Apply the tank mix combinations of Lorox® L, 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 |
|--------------|--------------------------|-------------------------|
|--------------|--------------------------|-------------------------|

Coarse

| | | | | |
|------------|-------------------------|---|------------------------------|---|
| Sandy loam | 1/3 to 1/2 pt. Lorox® L | + | 1/3 to 3/4 pt. Lorox® L | + |
| | 1/4 to 2/5 lb. Lexone® | + | 2/5 to 1/2 lb. Lexone® | + |
| | 1 to 1 1/4 pt. Dual® 8E | | 1 1/4 to 1 1/2 pts. Dual® 8E | |

Medium

| | | | | |
|--|------------------------------|---|----------------------------|---|
| Silt, Sandy clay, Loam, Silt loam, Sandy clay loam | 1/2 to 3/4 pt. Lorox® L | + | 3/4 to 1 1/2 pts. Lorox® L | + |
| | 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 | |

Fine

| | | | | |
|--|----------------------------|---|--------------------------|---|
| Clay loam, Clay, Silty clay, Silty Clay loam | 3/4 to 1 1/2 pts. Lorox® L | + | 1 1/2 to 2 pts. Lorox® L | + |
| | 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

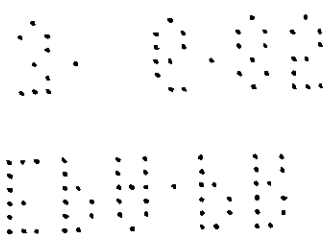
Fill spray tank 1/4 full with clean water. Start agitation, add Lexone® and mix thoroughly. Continue agitation while adding clean water and add Lorox® L. When tank is 3/4 full, add Dual® 8E. Agitate continuously during filling and throughout the spraying operation. Agitation should sweep bottom content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

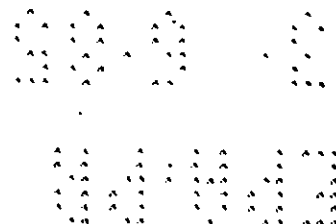
BEFORE USING LOROX® L, LEXONE®, AND DUAL® 8E* READ AND CAREFULLY OBSERVE THE CAUTIONARY STATEMENTS AND ALL OTHER INFORMATION APPEARING ON THE PRODUCT LABELS.

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.

*Registered trademark of Ciba-Geigy Corporation.

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AGRICULTURAL BULLETIN



LEXONE®
PLUS LASSO® PLUS DYANAP®
SOYBEANS

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SUPPLEMENTAL LABELING
EPA REG. NO. 352-375

LEXONE® HERBICIDE PLUS LASSO® PLUS DYANAP®
TANK MIX PREEMERGENCE
FOR WEED CONTROL IN SOYBEANS

DIRECTIONS FOR USE

ACCEPTED
OCT - 4 1985
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 352-375

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

Du Pont Lexone® Herbicide is recommended for use as a tank mix with Lasso® and Dyanap® for application as a preemergence treatment to control weeds in soybeans. See individual labels for weeds controlled.

HOW TO USE

The soil should be well prepared, free of any existing weeds, trash, or clods before application.

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

Apply in 10 to 40 gallons of water per acre using any properly calibrated low pressure sprayer equipped with herbicide tips and in-line strainer screens no finer than 50 mesh. Do not apply mixtures containing Lasso® by air.

Do not use on sand, loamy sand, or sandy loam with less than 1% organic matter, nor on other soils with less than 1/2% organic matter as crop injury may result.

Do not overlap or over apply; misapplication 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.

Apply the tank mixture after planting but before emergence of soybeans. Use the following rates broadcast (for band treatment, use proportionately less):

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| Soil Texture | Product Per Acre | | |
|---|---------------------|-----------------------|---------------------|
| | Lexone®/Acre Pounds | Lasso® 4E/Acre Quarts | Dyanap®/Acre Quarts |
| Coarse | | | |
| (Loamy sand, Sandy loam) | 1/4-1/2 | 1 1/2 - 2 | 2 |
| Medium | | | |
| (Loam, Silt loam, Silt) | 1/2-3/4* | 2 - 2 1/2 | 3 |
| Fine | | | |
| (Clay, Clay loam, Silty clay, Sandy clay, Sandy clay loam, Silty clay loam) | 3/4-1* | 2 1/2 - 3 | 4 |

*On Clarion Webster soils in Minnesota and Iowa or on similar alkaline (calcareous) soils with a pH of 7.5 or above, apply Lexone® at 1/2 pound/acre on medium soils. On fine soils, use 1/2 to 3/4 pound/acre Lexone®. Use the higher rate only where soil pH is less than 7.5 and where weed pressure is heavy.

Cultivation After Planting

Soil treated with the combination may be shallow-cultivated, rotary-hoed, or hand-hoed without reducing the weed control activity of the tank mixture. If sufficient rain does not fall within seven days after application of the tank mixture, but there is enough soil moisture to germinate weeds and grasses, a light cultivation with a rotary hoe or similar tool will uproot these small broadleaf weeds and grasses.

Soybean varieties such as Altona, Coker 102 and 156, Govan, Semmes, Tracy, and Vansoy 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 calcareous surface layer or a 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.

Injury may occur if atrazine was applied on the soil the year before use of Lexone®.

NOTE: Do not use treated plants for feed or forage.

IMPORTANT

BEFORE USING LEXONE[®], LASSO[®]1/, AND DYANAP[®]2/, 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 or 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.

1/Registered trademark of Monsanto Co., Lasso[®] contains 4 pounds alachlor per gallon.

2/Registered trademark of Uniroyal Chemical, Dyanap[®] contains 22.3% naptalm plus 11.5% dinoseb.

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AGRICULTURAL BULLETIN

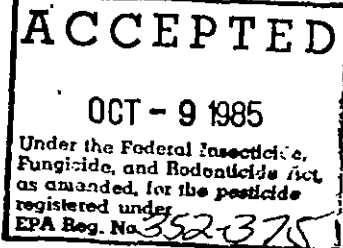


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LEXONE® PLUS LASSO® PLUS AMIBEN®
SOYBEANS

SUPPLEMENTAL LABELING
EPA REG. NO. 352-375

LEXONE® HERBICIDE PLUS LASSO® PLUS AMIBEN®
TANK MIX PREPLANT INCORPORATED 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 Lexone® Herbicide is recommended for use as a tank mix with Lasso® and Amiben® for application as a preplant soil incorporated or preemergence treatment to control weeds in soybeans. See individual labels for weeds controlled.

HOW TO USE

The soil should be well prepared, free of any existing weeds, trash, or clods before application.

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

Apply in from 10 to 40 gallons of water per acre using any properly calibrated low pressure sprayer equipped with herbicide tips and in-line strainer screens no finer than 50 mesh. Do not apply mixtures containing Lasso® by air.

INCORPORATION DIRECTIONS

Preplant Soil Incorporated Use:

Incorporation should place the Lexone® plus Lasso® plus Amiben® into the top 1 to 3 inches of the final seedbed. Use machinery that mixes the combination thoroughly with the soil. Incorporation with implements set to cut less than 2 inches deep may result in erratic weed control. For best results, apply within 2 weeks of planting.

Recommended Equipment Includes:

1. Two passes with a disc set to 4 inches deep at 4 to 6 mph with the second pass running at an angle to the first. A tandem or double-disc operated one time does not provide adequate incorporation.

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2. One pass with a field cultivator set to cut 3 to 4 inches deep and operated at 6 mph or more. The field cultivator should have 3 to 4 rows of sweeps, spaced at intervals of 7 inches or less and staggered so that no soil is left unturned. Chisel points should not be used. Do not set cultivator deeper than 4 inches. The field cultivator used alone or in combination with the double-disc will provide effective incorporation. If used in combination with a double-disc, the spray boom should be mounted behind the disc blades but ahead of the cultivator sweeps.

3. One pass with a rolling cultivator set to cut 2 to 3 inches deep and operated at 6 to 8 mph. Rolling cultivators are adequate for use on coarse and medium textured soils only.

4. One pass with a mulch treader or other similar disc type implement set to cut 2 to 3 inches deep and operated at 5 to 8 mph.

5. PTO-driven equipment (tillers, cultivators, hoes) set to cut 2 to 3 inches deep with rotors spaced to provide a clean sweep of the soil operated one time. PTO-drive equipment should not be operated at a speed greater than 4 mph.

Preemergence Use:

The tank mixture may be applied as a preemergence broadcast treatment at time of planting.

Application Rates:

Apply as follows:

| Soil Texture | Lexone®/Acre Pounds | Lasso® 4E/Acre Quarts | Amiben®/Acre Quarts |
|---|------------------------|--------------------------|------------------------|
| Coarse (Loamy sand, Sandy loam) | 1/4 - 1/2 | 1 1/2 - 2 | 3 - 4 |
| Medium (Loam, Silt Loam, Silt) | 1/2 - 3/4* | 2 - 2 1/2 | 4 - 5 |
| Fine (Clay, Clay loam, Silty clay, Sandy clay, Sandy clay loam, Silty clay loam) | 3/4 - 1* | 2 1/2 - 3 | 5 - 6 |

*On Clarion Webster soils in Minnesota and Iowa or on similar alkaline (calcareous) soils with a pH of 7.5 or above, apply Lexone® at 1/2 Pound/Acre on medium soils. On fine soils, use 1/2 to 3/4 Pound/Acre Lexone®. Use the higher rate only where soil pH is less than 7.5 and where weed pressure is heavy.

Use the higher rate of Amiben® where heavy stands of smartweed, velvetleaf, ragweed, wild mustard, or black nightshade are expected. Use the higher rate of Lasso® when treatments are incorporated or where heavy stands of black nightshade, foxtail, witchgrass, panicum, or yellow nutsedge are expected. Use the high rate of Lexone® where heavy stands of Florida pusley, sesbania, velvetleaf or jimsonweed, are expected, except when soil pH is over 7.5.

Do not use on sand, loamy sand or sandy loam with less than 1% organic matter, nor on other 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.

Cultivation After Planting:

Soil treated with the combination may be shallow-cultivated, rotary-hoed, or hand-hoed without reducing the weed control activity of the tank mixture. With preplant soil incorporated treatments, 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. If sufficient rain does not fall within 7 days after pre-emergence applications of the tank mixture, but there is enough soil moisture to germinate weeds and grasses, a light cultivation with a rotary hoe or similar tool will uproot these small broadleaf weeds and grasses.

Soybean varieties such as Altona, Coker 102 and 156, Govan, Semmes, Tracy, and Vansoy 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 calcareous surface layer or a pH of 7.5 or higher, or if used in conjunction with soil-applied organic phosphate pesticides such as "Dasanit", "Disyston", "Mocap", "Nemacur" or "Thimet", "Parathion" or "Lorsban" 15G.

Injury may occur if atrazine was applied on the soil the year before use of Lexone®.

NOTE: Do not use treated plants for feed or forage.

BEFORE USING LEXONE®, LASSO^{1/}, AND AMIBEN^{2/}, 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.

^{1/} Registered trademark of Monsanto Co., Lasso® contains 4 pounds alachlor per gallon.

^{2/} Registered trademark of Amchem Products, Inc., Amiben® contains 2 pounds chloramben per gallon.