



LEXONE

WEED KILLER

WETTABLE POWDER

Product Labeling

DIRECTIONS FOR USE

ACTIVE INGREDIENT:

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

50%

INERT INGREDIENTS

50%

EPA Reg. No. 352-117

HAZARDS TO HUMANS

Keep out of reach of children.

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 reuse.

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, common soybeans, sugarcane and tomatoes. It is noncorrosive to equipment, nonflammable, and non-volatile. For soybeans, Lexone may be used in conjunction with Treflan, Surfban, Lassal, Dual, Tolban, Proflor, Ortho, Paraquat CL or Amiben. 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 (1/2 to 1 inch) 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, driveway, 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.

Thoroughly clean all traces of Lexone from application equipment immediately after use. Flush tank, pump, hoses, and boom with several changes of water after removing nozzle tips and screens (clean these parts separately). Do not contaminate water by cleaning of equipment or disposal of wastes.

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

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.

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

Broadleaves	Grasses
Beggarweed	Redroot pigweed
Wild buckwheat	(careless weed)
Common chickweed	Smooth pigweed
Carpentweed	Florida purslane
White cockle	(Florida purslane)
Coffeeweed	Common ragweed
Flixweed	Hemp sesbania
Henbit	(coffeebean)
Jimsonweed	Shepherdspurse
Kochia	Sicklepod (cassia)
Lambsquarters	Prickly sida
Venice mallow	(spiny sida) (teaweed)
Meadow sparrow	Pennsylvania smartweed
Blue mustard	Spotted spurge
Tansy mustard	Spurred spurge
Wild mustard	Yellow rocket
Pepperweed	Veronica
Prostrate pigweed	

Partial Control

Cocklebur	Barnyardgrass
Common purslane	(watergrass)
Sanflower	Yellow nutsedge

Note: Consult Treflan, Dual, Surfban, Lassal, Tolban, Proflor, Ortho, Paraquat CL and Amiben labels for weed control. Do not use in conjunction with these herbicides.

EQUIPMENT—EPA VOLUMES: Apply uniformly by air (except as noted) or with a propeller sprayer. Use ground equipment (boom sprayer) or ground equipment (boom sprayer) equipped with fan type nozzles and screen nozzles for broadcast application. For spot application use 10 to 40 gals. of water per acre with ground equipment. Use 10 to 15 gals. per acre for aerial application. Except use 7 gals. per acre for sugar cane and 10 gals. per acre for potatoes West of Rocky Mountains and 15 gals. per acre for sugarcane.

Use the following rates for the spray tank. Be prepared to keep the material in suspension. Avoid over application. Shut off spray immediately after turning, slowing or stopping, or injury to the crop may result. Use the following equipment and spray with and avoid application under the following conditions:

USE RATES: All rates are expressed in pounds per acre for band treatment; use proper terminology. For example, for 14" band or 42" row, use a 1/2 lb. broadcast rate. Where a range of rates is given, the higher rate is for soils with less than 1% clay or organic matter and the higher rate is for soils with more than 1% clay or organic matter.

ALFALFA AND SAINFOIN (Alone or with Grasses)

Use a preemergence application of the full rate of plants becoming dormant in the spring before new growth starts. Do not apply during the first growing season after seeding. Do not graze or harvest within 30 days after application. Control is best on soils with low fertility, disease, or low water table. Do not apply to alfalfa or sainfoin if the crop is to be used for hay or silage.

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	1 1/2 to 1	1 1/2 to 1 1/4
Medium Loam, Silt Loam, Silt, Sandy Clay, Silty 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 or on soils with less than 1% 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.

CROP ROTATION RECOMMENDATIONS: Alfalfa, asparagus, corn, forage grasses, potatoes, sainfoin, soybeans and sugarcane may be planted in treated areas 4 months after applications of Lexone. However, do not apply Lexone to the rotational crop during the same year as the initial treatment or illegal crop residues may result. Do not plant any crop not listed above within 18 months after the use of Lexone. Cover crops may be planted anytime after application of Lexone, but do not graze or harvest for feed or food. Stand reduction of these cover crops may occur in some areas.

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.

CROP ROTATION RECOMMENDATIONS: Alfalfa, asparagus, corn, forage grasses, potatoes, sainfoin, soybeans and sugarcane may be planted in treated areas 4 months after application of Lexone. However, do not apply Lexone to the rotational crop during the same year as the initial treatment or illegal crop residues may result. Do not plant any crop not listed above within 18 months after the use of Lexone. Cover crops may be planted anytime, but do not graze or harvest for feed or food. Stand reduction of these cover crops may occur in some areas.

POTATOES

Preemergence: Make a single application of 1 to 2 lbs. per acre after planting or after drag-off but before crop emerges. Use the lower rates on coarse textured soils and the higher rates on fine textured soils (high in clay or organic matter).

Postemergence: Do not use on early maturing smooth skinned white or red skinned varieties. Apply only if there have been at least 3 successive days of sunny weather prior to application. Treat before weeds are 1" tall. Make a single application of 1 lb. per acre. For redroot pigweed and lambsquarters only, use 1/2 to 1 lb. per acre. Treatment may cause some chlorosis or minor necrosis. Do not apply within 60 days of harvest. **Application by Sprinkler Irrigation:** Apply specified dosage of Lexone in 1/2 to 1 inch of water per acre (1/2 to 1 inch of water per acre on sandy soil) as a continuous injection in center pivot and self-propelled wheel move systems or in the last 15-30 minutes of set in permanent solid set sprinkler systems.

Irrigation systems must be equipped with automatic shut off devices which prevent back-flow to the water source. Maintain continuous agitation in injection nurse tanks during application. Treatment may be made as a single postemergence or split postemergence application. Check irrigation system to insure uniform application of water to all areas. Failure to apply Lexone uniformly may result in crop injury and/or poor weed control.

Preemergence plus Postemergence: Apply as directed above. Do not use more than 2 lbs. total per acre per season. Do not apply within 60 days of harvest.

Postemergence plus Postemergence—(Oregon, Washington, Idaho): Use only if Lexone was not applied preemergence. Allow at least 14 days between applications. For best results, apply before weeds are 1" in height or diameter. Do not apply within 24 hours of treatment with other pesticides.

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

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

Note: Because potato varieties vary in their resistance to weed killers, 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% organic matter may result in crop injury. Do not use on any soil containing less than 1% 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. Do not use on potatoes grown under fall furrow irrigation.

CROP ROTATION RECOMMENDATIONS: Do not plant treated areas to crops other than potatoes for one year after treatment. Cover crops planted in treated areas may be used for soil build up purposes may be planted any time after application of Lexone. Do not graze or harvest for feed or food. Do not plant the treated area to crop such as corn, sorghum, soybeans, cucur-bits, sugar beets, or table beets during the next growing season as crop injury may result.

SOYBEANS

Select one of the following herbicide treatments and make a single application as a band or broadcast spray. Do not use on Alton, Coker 102 and 156, Govin, Semmes, Tracy, or Vansoy soybeans as these varieties are sensitive to Lexone and injury to the crop may result. Injury to soybeans may occur if Lexone is used on soils having a calcareous surface layer or a pH of 7.5 or higher, or if used in conjunction with soil applied organic phosphorus pesticides such as Dasanit, Disyston, Mocap, Nemacur, or Thimet. **Note:** Do not use treated vines for feed or forage. Injury may occur if atrazine was applied on the soil the year before use of Lexone.

Preemergence Application: Apply after planting but before soybeans emerge, do not spray over top of emerged soybeans. Plant seed at least 1" 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.

Preplant Incorporated: Incorporate herbicide treatment into soil according to instructions on label of product used in conjunction with Lexone. Improper soil incorporation can result in erratic weed control or crop injury. Do not plant seed more than 1" deep. Seeding disease, cold weather

Keep out of reach of children.

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 reuse.

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 Killers is a wettable powder to be mixed in water and applied as a spray for selective control of certain broadleaf weeds and grasses on alfalfa, prairie, potatoes, sunflower, soybeans, sugarcane, and tomatoes. It is noncorrosive to equipment, nonflammable, and non-volatile. For soybeans, "Lexone" may be used in conjunction with "Treflan", "Surflan", "Lasso", "Dual", "Tolban", "Profl", "Orin", "Paraquat Cl", or "Amiben". Observe all cautions and limitations on labeling of all products used in rotation.

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 (1/2 to 1 inch) within two weeks after application. If moisture is insufficient to activate the herbicide, a shallow cultivation (1 to 2 inch deep) should be made after emergence of crop while weeds are small enough to be controlled by mechanical means. If the rain or irrigation 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 grasses, trees, or other plants may result from failure to observe the following:

Do not apply (except as recommended for crop use) to or drain or flush equipment on or near desirable trees or other plants where their roots may extend or in locations where the chemical may be washed for miles from its point of application. Do not use on lawns, walks, driveways, tennis courts, or similar areas. Prevent drift of the powder or spray to desirable plants. Do not contaminate anybody of water from contact with herbicides, fumigants, and seeds.

Thoroughly clean all traces of "Lexone" from application equipment immediately after use. Flush tank, pump, hoses, and boom with several changes of water after removing nozzle tips and screens (clean these parts separately). Do not contaminate water by cleaning of equipment or disposal of wastes.

NOTICE OF WARRANTY

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DIRECTIONS FOR USE

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

Broadleaves		Grasses
Beggarweed	Redroot pigweed (careless weed)	Smooth brome
Wild buckwheat	Smooth pigweed	Cheatgrass (downy brome)
Common chickweed	Florida purslane (Florida pusley)	Large crabgrass
Carpetweed	Common ragweed	Smooth crabgrass
White cockle	Hemp sesbania (coffeebean)	Crowfootgrass
Coffeeweed	Shepherdspurse	Giant foxtail
Flixweed	Spotted spurge	Green foxtail
Henbit	Spurred amaranth	Yellow foxtail
Jimsonweed	Yellow rocket	Seeding johnsongrass
Kochia	Velvetleaf	Wild oats
Lambsquarters		Fall panicum
Venice mallow		Signalgrass
Meadow salsify		(Brachiaria)
Blue mustard		
Tansy mustard		
Wild mustard		
Pepperweed		
Prostrate pigweed		

Partial Control	Partial Control
Cocklebur	Barnyardgrass (watergrass)
Common purslane	Yellow nutsedge
Sunflower	

Note: Consult "Treflan", "Dual", "Surflan", "Lasso", "Tolban", "Profl", "Paraquat Cl" and "Amiben" labels for additional weeds controlled when "Lexone" is used in conjunction with these herbicides.

POSTEMERGENCE USE (Emerging 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, jostythumb, lambsquarters, Mexican weed, mustard, pigweeds (prostrate, redroot, smooth), common purslane, common ragweed, sicklepod (cassia), prickly sida (spiny sida, teaweed), Pennsylvania smartweed, foxtail, Russian thistle, and velvetleaf. Treatment usually provides partial control of barnyard grass (watergrass), crabgrass, curly dock, dandelion, foxtail, horse-nettle, kochia, morningglory, species, wild poinsettia, Florida purslane (Florida pusley), quackgrass, broadleaf signalgrass, spotted spurge and sunflower.

SPRAY PREPARATION: Mix proper amount of "Lexone" into necessary volume of water in spray tank with agitator running. For tank mixture dilute "Dual", "Lasso", "Treflan", "Amiben", "Tolban", or "Profl" with 2 parts of water and add slowly as last ingredient to spray tank. For tank mixtures with Paraquat Cl, prepare spray mixture as above, then add Paraquat Cl, add the surfactant as the last ingredient to the spray tank.

For preemergence application to asparagus, potatoes or soybeans in a fertilizer solution may be used in the spray mixture. Small quantities should be tested for compatibility by the following procedure before full scale mixing:

- Put 1 pint of fertilizer solution in a quart jar.
- Mix 2 teaspoons "Lexone" with 2 tablespoons of water, mix thoroughly and add to fertilizer solution.
- Close jar and shake well.
- If other herbicides are to be used in the mixture, pre-mix 2 teaspoons of wettable powders or 1 teaspoon of liquids with 2 tablespoons of water, add to "Lexone" fertilizer solution mixture.
- Close jar and shake well.
- Watch mixture for several seconds, shake again in 30 minutes.
- If mixture does not separate, foam, gel, or become lumpy, it may be used.
- Mixing ability may be improved by adding compatibility agents such as Kelco "Dispersant", "Complex" or Witco Chemicals "Sponto" 168D. Follow directions on container.

Provided the above procedure shows the mixture to be compatible, prepare the tank mixture as follows: add the fertilizer solution to the spray tank first, dilute "Lexone" with 2 parts of water, thoroughly mix and add slowly to spray tank with agitator running. For tank mixtures with other herbicides, follow directions above.

Medium Loam Soil	Silt Loam Soil	Sandy Clay Soil	Clay Loam
1 to 1 1/2	1 to 1 1/2	1 1/2 to 2	1 1/2 to 2
1 1/2 to 2	1 1/2 to 2	1 1/2 to 2	1 1/2 to 2

Do not use on sand nor on soils with less than 1% 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 lb per acre may greatly reduce stands of forage grass.

CROP ROTATION RECOMMENDATIONS: Alfalfa, asparagus, corn, forage grasses, potatoes, sunflower, soybeans, and sugarcane may be planted in treated areas 4 months after application of "Lexone". However, do not apply "Lexone" to the rotational crop during the same year as the initial treatment or illegal crop residues may result. Do not plant any crop not listed above within 18 months after the use of "Lexone". Cover crops may be planted anytime after application of "Lexone", but do not graze or harvest for feed or food. Stand reduction of these cover crops may occur in some areas.

ASPARAGUS

Make a single preemergence application of 2 to 4 lbs. per acre (early spring) prior to preemergence. Use the lower rate on coarse textured soils (high 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 emergence.

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

CROP ROTATION RECOMMENDATIONS: Alfalfa, asparagus, corn, forage grasses, potatoes, sunflower, soybeans, and sugarcane may be planted in treated areas 4 months after application of "Lexone". However, do not apply "Lexone" to the rotational crop during the same year as the initial treatment or illegal crop residues may result. Do not plant any crop not listed above within 18 months after the use of "Lexone". Cover crops may be planted anytime, but do not graze or harvest for feed or food. Stand reduction of these cover crops may occur in some areas.

POTATOES

Preemergence: Make a single application of 1 to 2 lbs. per acre after planting or after drag off but before crop emergence. Use the lower rates on coarse textured soils and the higher rates on fine textured soils (high in clay or organic matter).

Postemergence: Do not use on early maturing smooth skinned white or red skinned varieties. Apply only if there have been at least 3 successive days of sunny weather prior to application. Treat before weeds are 1" tall. Make a single application of 1 lb. per acre. For redroot pigweed and lambsquarters only, use 1/2 to 1 lb. per acre. Treatment may cause some chlorosis or minor necrosis. Do not apply within 60 days of harvest. **Application by Sprinkler Irrigation:** Apply specified dosage of "Lexone" in 1/2 inch of water per acre (1/4 to 1/2 inch of water per acre on sandy soil) as a continuous injection in center pivot and self-propelled wheel move systems or in the last 15-30 minutes of set in permanent solid set sprinkler systems.

Irrigation systems must be equipped with automatic shut-off devices which prevent back flow to the water source. Maint an continuous injection in injection nurse tanks during application. Treatment may be made as a single postemergence or split postemergence application. Check irrigation system to insure uniform application of water to all areas. Failure to apply "Lexone" uniformly may result in crop injury and/or poor weed control.

Preemergence plus Postemergence: Apply as directed above. Do not use more than 2 lbs. total per acre per season. Do not apply within 60 days of harvest.

Postemergence plus Postemergence—(Oregon, Washington, Idaho): Use only if "Lexone" was not applied preemergence. Allow at least 14 days between applications. For best results, apply before weeds are 1" in height or diameter. Do not apply within 24 hours of treatment with other pesticides.

Oregon and Washington: Make 2 applications of 1/2 to 1 lb. per acre. On coarse (sandy) soils containing 1/2 to 1% organic matter do not exceed 1 lb. per acre per application.

Idaho: Make 2 applications of 1/2 to 1 lb. per acre. On coarse (sandy) soils containing 1/2 to 1% organic matter, do not exceed 1 lb. per acre per application.

Note: Because potato varieties vary in their resistance to weed killers, 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% organic matter may result in crop injury. Do not use on any soil containing less than 1% 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. Do not use on potatoes grown under tillage treatment.

CROP ROTATION RECOMMENDATIONS: Do not plant treated areas to crops other than potatoes for one year after treatment. Cover crops planted to prevent soil erosion or for soil building purposes may be planted anytime after application of "Lexone", but do not graze or harvest for feed or food. Do not plant treated areas to sensitive crops such as onions, lettuce, or other crops (cucurbits, eggplants, beets, or table beets) during the next growing season as crop injury may result.

SOYBEANS

Select one of the following herbicide treatments, and make a single application as a band or broadcast spray. Do not use on Alton, Coker 102 and 156, Govan, Semmes, Tracy or Vansoy soybeans as these varieties are sensitive to "Lexone" and injury to the crop may result. Injury to soybeans may occur if "Lexone" is used on soils having a 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". **Note:** Do not use treated vines for feed or forage. Injury may occur if atrazine was applied on the soil the year before use of "Lexone".

Preemergence Application: Apply after planting but before soybeans emerge, do not spray over top of emerged soybeans. Plant seed at least 1" 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.

Preplant Incorporated: Incorporate herbicide treatment into soil according to instructions on label of product used in conjunction with "Lexone". Improper soil incorporation can result in erratic weed control or crop injury. Do not plant seed more than 2" deep. Seeding disease, cold weather, deep planting (more than 2"), excessive moisture, high soil pH (pH 7.5 or higher), high salt concentration, or drought may weaken soybean seedlings and increase possibility of crop injury.

"Lexone" Alone—Preemergence Application

Soil Texture	Lbs. "Lexone" Per Acre	
	1/2 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)	1 1/2
Medium Loam silt loam silt, sandy clay, sandy clay loam	1 1/2	1
Fine Silty clay, silty clay, loam, clay, clay loam	1	1
Mississippi Delta Only— Silty clay to heavy clay	1 1/2	1 1/2

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

Alabama, Louisiana, Mississippi, and Tennessee: Apply 1/2 to 1 lb. per acre on medium soils and 1 to 1 1/2 lbs. on fine textured soils. Use the higher range of rates for improved cocklebur control.

North Central States on Alkaline (Calcareous) Soils: For control of lambsquarters, redroot pigweed and wild mustard and suppression of green, yellow and giant foxtail, apply "Lexone" at 1/2 lb. per acre on medium soils and 1 to 1 1/2 lb. per acre on fine textured soils containing more than 1% organic matter. Use 1/2 lb. per acre only where soil pH is less than 7.5 and weed pressure is heavy. The 1/2 lb. per acre rate may be used as a preemergence overlay following preplant incorporation of "Treflan" or "Tolban".

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ACCOR...

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 blown into or onto them with their roots. Do not use on lawns, walks, driveways, tennis courts, or similar areas. Present or future dry powder or spray to desirable plants. Do not contaminate any body of water by contact with fertilizers, insecticides, fungicides, and acids.

Thoroughly clean all traces of Lexone from application equipment immediately after use. Flush tank, pump, hoses, and boom with several changes of water after removing nozzle tips and screens (clean these parts separately). Do not contaminate water by cleaning of equipment or disposal of wastes.

NOTICE OF WARRANTY

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

Broadleaves	Grasses
Beggarweed	Smooth bromegrass
Wild buckwheat	(creless weed)
Common chickweed	Smooth pigweed
Carpetweed	(downy bromegrass)
White cockle	Large crabgrass
Coffeeweed	Smooth crabgrass
Flaxweed	Crowfoot
Henbit	Giant foxtail
Jimsonweed	Green foxtail
Kochia	Yellow foxtail
Lambsquarters	Seedling johnsongrass
Vernonia	Wild oats
Meadow safflower	Fall panicum
Blue mustard	Signalgrass
Tansy mustard	(barnyardgrass)
Wild mustard	
Pepperweed	
Prostrate pigweed	

Partial Control	Partial Control
Cocklebur	Barnyardgrass
Common purslane	(watergrass)
Sunflower	Yellow nutsedge

Note: Consult "Trellan", Dual, Surflan, Lasso, Tolban, Proal, Paraquat CL and "Amben" labels for additional weeds controlled when Lexone is used in conjunction with these herbicides.

POSTEMERGENCE USE (Emerging 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, lambsquarters, Mexican weed, mustard pigweed (prostrate, redroot, smooth), common purslane, common ragweed, sicklepod (cassia), prickly sida (spiny sida, teasweed), Pennsylvania smartweed, toadflax, Russian thistle and velvetleaf. Treatment usually provides partial control of barnyard grass (watergrass), crabgrass, curly dock, dandelion, foxtail, horse-nettle, kochia, many species, wild poinsettia, Florida purslane (Florida pusley), quackgrass, broadleaf signalgrass, spotted spurge and sunflower.

SPRAY PREPARATION: Mix proper amount of "Lexone" into necessary volume of water in spray tank with agitator running. For tank mixture dilute Dual, Lasso, Trellan, Amben, Tolban, or Prowl with 2 parts of water and add slowly as last ingredient to spray tank. For tank mixtures with Paraquat CL, prepare spray mixture as above, then add Paraquat CL, add the surfactant as the last ingredient to the spray tank.

For preemergence application to asparagus, potatoes or soybeans, nonpressure nitrogen or fertilizer solution may be used in the spray mixture. Small quantities should be tested for compatibility by the following procedure before full scale mixing:

- Put 1 pint of fertilizer solution in a quart jar
- Mix 2 teaspoons "Lexone" with 2 tablespoons of water, mix thoroughly and add to fertilizer solution
- Close jar and shake well
- If other herbicides are to be used in the mixture, premix 2 teaspoons of wettable powders or 1 teaspoon of liquids with 2 tablespoons of water, add to Lexone-fertilizer solution mixture
- Close jar and shake well
- Watch mixture for several seconds. Check again in 30 minutes
- If mixture does not separate, foam, gel or become lumpy, it may be used
- Mixing ability may be improved by adding compatibility agents such as Kalo Laboratories "Complex" or Witco Chemicals "Sponto" 168D. Follow directions on container.

Provided the above procedure shows the mixture to be compatible, prepare the tank mixture as follows: add the fertilizer solution to the spray tank first. Dilute Lexone with 2 parts of water, thoroughly mix and add slowly to spray tank with agitator running. For tank mixtures with other herbicides, follow directions above.

POTATOES
Preemergence: Make a single application of 1 to 2 lbs. per acre after planting or after drag off but before crop emerges. Use the lower rates on coarse textured soils and the higher rates on fine textured soils (high in clay or organic matter).

Postemergence: Do not use on early maturing smooth skinned white or red skinned varieties. Apply only if there have been at least 3 successive days of sunny weather prior to application. Treat before weeds are 1" tall. Make a single application of 1 lb. per acre. For redroot pigweed and lambsquarters only use 1/2 to 1 lb. per acre. Treatment may cause chlorosis or minor necrosis. Do not apply within 60 days of harvest. **Application by Sprinkler Irrigation:** Apply specified dosage of Lexone in 1/2 inch of water per acre or 1 inch of water per acre (one and one-half) as a continuous injection at center pivot and self-propelled wheel move systems or in the last 15-30 minutes of set in perimeter of solid channel systems.

Irrigation systems must be equipped with automatic shut-off devices which prevent back flow to the water source. Maintain continuous rotation on pipes to minimize leaks during application. Treatment may be made as a single preemergence or postemergence application or both. Check application system to insure uniform application of water. Do not apply Lexone uniformly only result in crop injury and/or poor weed control.

Preemergence plus Postemergence: Apply Lexone at 1 lb. per acre at planting and 1/2 lb. per acre post emergence. Do not apply within 60 days of harvest.

Postemergence plus Postemergence - (Oregon, Washington, Idaho): Use only for control of weeds that applied preemergence. Allow at least 14 days before application. For best results, apply before weeds are 1 inch height diameter. Do not apply within 60 days of harvest and within 60 days of post-harvest.

Oregon and Washington: Make 2 applications of 1 lb. per acre in preemergence and early post-emergence. Do not apply within 60 days of harvest.

Idaho: Make 2 applications of 1 lb. per acre in preemergence and early post-emergence. Do not apply within 60 days of harvest.

Note: Because potatoes are very susceptible to root rot, do not use Lexone in areas where root rot is a problem. Do not apply Lexone to potatoes in areas where root rot is a problem. Do not apply Lexone to potatoes in areas where root rot is a problem. Do not apply Lexone to potatoes in areas where root rot is a problem. Do not apply Lexone to potatoes in areas where root rot is a problem.

CROP ROTATION RECOMMENDATIONS: Do not plant treated areas to crops other than potatoes for one year after treatment. Do not plant treated areas to crops other than potatoes for one year after treatment. Do not plant treated areas to crops other than potatoes for one year after treatment. Do not plant treated areas to crops other than potatoes for one year after treatment.

SOYBEANS
 Select one of the low or medium rate treatments and make a single application as a band or broadcast spray. Do not use on Afton, Acker 192 and 195, Gowan, Semmes, Tracy, or Vansoy soybeans as these varieties are susceptible to Lexone and injury to the crop may result. Injury to soybeans may occur if Lexone is used on soils having a 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", "Disston", "Mocap", "Nemacor", or "Thimet". **Note:** Do not use treated vines for feed or forage.

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

Preemergence Application: Apply after planting but before soybeans emerge. Do not spray over top of emerged soybeans. Plant seed at least 1" 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.

Preplant Incorporated: Incorporate herbicide treatment into soil according to instructions on label of product used in conjunction with Lexone. Improper soil incorporation can result in erratic weed control or crop injury. Do not plant seed more than 2" deep. Seedling disease, cold weather, deep planting (more than 2") excessive moisture, high soil pH (pH 7.5 or higher), high salt concentration, or drought may weaken soybean seedlings and increase possibility of crop injury.

"Lexone" Alone - Preemergence Application

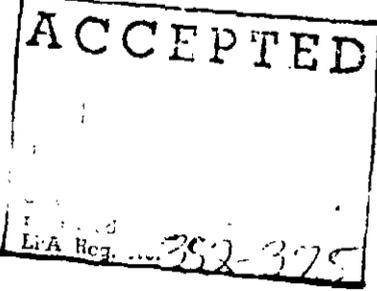
Soil Texture	Lbs. "Lexone" Per Acre	
	1/2 to 2% Organic Matter	More than 2% Organic Matter
Coarse Loamy sand, sandy loam	Do Not Use (See tank mix use directions on other side)	1/4
Medium Loam, silt loam, silt sand, clay, sandy clay loam	1/2	1
Fine Silty clay, silty clay loam, clay, clay loam	1	1
Mississippi Delta Only - Silty clay to heavy clay	1 1/2	1 1/2

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

Alabama, Louisiana, Mississippi, and Tennessee: Apply 1/4 to 1 lb. per acre on medium soils and 1 to 1 1/2 lbs. on fine textured soils. Use the higher range of rates for improved cocklebur control.

North Central States on Alkaline (Calcareous) Soils: For control of lambsquarters, redroot pigweed and wild mustard and suppression of green, yellow and giant foxtail, apply "Lexone" at 1/2 lb. per acre on medium soils and 1/4 to 1 lb. per acre on fine textured soils containing more than 1/2 % organic matter. Use 1/2 lb. per acre only where soil pH is less than 7.5 and weed pressure is heavy. The 1/2 lb. per acre rate may be used as a preemergence overlay following preplant incorporation of Trellan or Tolban.

Continued on other side



Continued from other side

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

"Lexone" + "Lasso" or "Lasso" EC (Tank Mixture)—Preemergence Application

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

Do not use on soils with less than 1% organic matter. Do not use on loamy sand or sandy loam with less than 1% organic matter. Do not use on other soils with less than 1% organic matter as crop injury may result.

"Lexone" + "Surflan" (Tank Mixture)—Preplant Surface Application (PA) or Preemergence Application (PE): Apply with ground equipment from 4 weeks prior to planting to within 2 days after planting.

Soil Texture	Lbs. Product Per Acre
1/2 to 3% Organic Matter (PA)	"Lexone" + "Surflan"
1/2 to 5% Organic Matter (PPSA)	
Coarse Sandy loam (minimum 1% organic matter)	1 + 1 to 1
Medium Loam, silt loam, silt, sandy clay loam	1 + 1 to 1 1/2
Fine Silty clay, silty clay loam, sandy clay, clay loam, clay	1 + 1 1/2 to 1 3/4
Mississippi Delta Only— Silty clay to heavy clay	1 to 1 1/2 + 1 to 1 1/2

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% 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.

"Lexone" + "Treflan" (Tank Mixture)—Preplant Incorporated: Apply with ground equipment within 2 weeks of planting.

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

Do not use on sand. Do not use on loamy sand or sandy loam with less than 1% organic matter. Do not use on other soils with less than 1% organic matter as crop injury may result.

"Lexone" + "Tolban" (Tank Mixture)—Preplant Incorporated: Apply with ground equipment within 10 days of planting.

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

Do not use on sand, muck or peat. Do not use on loamy sand or sandy loam with less than 1% organic matter. Do not use on other soils with less than 1% organic matter as crop injury may result.

"Lexone" Following "Prowl", and "Lexone" + "Prowl" (Tank Mixture)—Preemergence Application or Preplant Incorporated: For preplant treatments, incorporate into soil within 7 days after application and plant soybeans no later than 7 days after application.

Southern States and Eastern Coastal Plains

Soil Texture	Rate Per Acre	
	"Lexone" (Lbs.) + "Prowl" (Pints)	
Coarse Loamy sand, sandy loam	1 + 1	
Medium Sandy clay loam, sandy clay, loam, silt, silt loam	1 + 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. Do not use on other soils with less than 1% organic matter as crop injury may result.

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)
	1 + 1	1 + 1

"Lexone" + "Dual" 8E—Preplant Incorporated or Preemergence Tank Mixture: Apply with ground equipment.

Soil Texture	Rates Per Acre	
	1/2 to 3% Organic Matter "Lexone" (Lbs.) + "Dual" 8E (Pints)	2% Organic Matter or Higher "Lexone" (Lbs.) + "Dual" 8E (Pints)
Coarse Loam, sandy loam, sandy loam	1 + 1	1 + 1
Medium Loam, silt loam, silt	1 + 1	1 + 1
Fine Silty clay loam, sandy clay loam, silty clay, loam, silty clay, clay	1 + 2	1 + 2 to 2
Mississippi Delta Only Silty clay, clay	1 + 2	1 + 2 to 2
Muck or Peat Soils	DO NOT USE	

Do not use on loamy sand or loam with less than 2% organic matter. Do not use on soils with less than 2% organic matter or on alkaline soils with a pH above 7.4 as crop injury may occur.

Do not use preplant incorporated tank mixture on loam, sandy loam, or clay loam as crop injury may occur.

DIRECTED POSTEMERGENCE SPRAY (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 broad leaf 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 1 to 1 1/2 lbs. per acre in 25 to 40 gallons water. Use the lower rate for seedling weeds and the higher rate for larger weeds. Application of 1 1/2 lbs. per acre controls Florida beggarweed, carpetweed, common cocklebur, dayflower, Mexican weed, redroot pigweed (redspine), common purslane, sicklepod (cassia), velvet if and crab grass (large, smooth). 1 1/2 to 1 lb. per acre controls hemp sesbania (prickly sida) (spray sida, tea weed). 1 lb. per acre controls common ragweed and gives partial control of morningglory species, horse-nettle, Florida purslane (Florida pusley), spotted spurge and wild pomettia 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 1% 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 equipment designed for precise application of directed sprays such as oiling shoes or air lance applicators. 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 nozzle, mounted on an oiling shoe or gauge wheel. For hand 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.

MINIMUM OR NO-TILLAGE SOYBEANS

"Lexone" plus Ortho Paraquat CL may be used as a tank mixture for preemergence and post-emergence control of many broadleaved weeds and grasses and for top kill or suppression of some perennials where soybeans will be planted directly into a prepared bed (stale seed bed), 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" LC) or "Surflan" to the "Lexone" plus Paraquat CL tank mixture is recommended.

Apply with ground equipment during or after planting but before crop emerges. Use 20 to 60 gals of water per acre. Use the higher gallonage for dense stubble or vegetation.

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

"Lexone" + "Lasso" (or "Lasso" EC) + Paraquat CL—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 CL as directed under "Paraquat Combinations."

"Lexone" + "Surflan" + Paraquat CL—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 CL as directed under "Paraquat Combinations."

Paraquat Combinations—Select the "Lexone" or "Lexone" combination treatment above and mix in the spray tank according to directions, then add 1 to 2 pints Paraquat CL 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.

Replanting—Soybeans. If initial seeding fails to produce a stand, treated fields may be replanted to soybeans. Do not rework soil, do not reseed at the same time 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. For rotation crops in fields treated with "Amben", "Prowl", "Surflan", "Tolban" or "Treflan" follow instructions on product label.

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	8 to 12	4 to 8
—or— Early Postemergence—apply over cane before weeds are 3" tall	8 to 12	4 to 8
—or— Postemergence—apply prior to closure in time and before weeds are 3" tall	4 to 8	4 to 8

In addition to the weeds listed elsewhere on this label, treatment (non irrigated cane) controls ageratum, spiny amaranth, wild euphorbia, fireweed, Florida's paintbrush, Richardia, garden spurge, gracelul spurge, tarweed, guineagrass, plughgrass, ricegrass and wiregrass (goosegrass), in irrigated cane, the foregoing weeds plus spleen amaranth, haole koa, huzloa, hila hila, rattletop 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.

In addition to the weeds listed elsewhere on this label, treatment controls curly dock, field bind weed, marehail, 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) hand 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 1 to 1 1/2 pounds per acre of "Lexone" alone or as a tank mix combination with "Treflan" EC as a broadcast spray immediately before transplanting. 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, 1 1/2 to 2 pints per acre on medium soils, and 1 1/2 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.

Coarse Sandy loam (minimum 1% organic matter)	1 + 1 to 1 + 2
Medium Loam, silt loam, silty sandy clay loam	1 + 1 to 1 + 2
Fine Silty clay, silty clay loam, sandy clay, clay loam, clay	1 + 1 to 1 + 2
Mississippi Delta Only— Silty clay to heavy clay	1 to 1 + 1 + 1

Do not use on sand or loamy sand. Do not use on muck or peat soils with less than 1% organic matter. Do not use on other soils with less than 1% organic matter. Do not use on soils with more than 3% organic matter for the preplant application. Do not use on soils with more than 5% organic matter as poor weed control and crop injury may result.

"Lexone" + "Treflan" (Tank Mixture)—Preplant incorporated. Apply with ground equipment within 2 weeks of planting.

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

Do not use on sand. Do not use on loamy sand or sandy loam with less than 1% organic matter. Do not use on other soils with less than 1% organic matter as crop injury may result.

"Lexone" + "Toiban" (Tank Mixture)—Preplant incorporated. Apply with ground equipment within 10 days of planting.

Soil Texture	Rate Per Acre "Lexone" (Lbs.) + "Toiban" (Pints)
Coarse Loamy sand, sandy loam	1 + 1
Medium Loam, silt loam, silty, sandy clay, sandy clay loam	1 + 1
Fine Silty clay, silty clay loam, clay, clay loam	1 + 1

Do not use on sand, muck or peat. Do not use on loamy sand or sandy loam with less than 1% organic matter. Do not use on other soils with less than 1% organic matter as crop injury may result.

"Lexone" Following "Prowl", and "Lexone" + "Prowl" (Tank Mixture)—Pre-emergence Application or Preplant Incorporated. For preplant treatments, incorporate into soil within 7 days after application and plant soybeans no later than 7 days after application.

Southern States and Eastern Coastal Plains

Soil Texture	Rate Per Acre	
	"Lexone" (Lbs.) + "Prowl" (Pints)	
Coarse Loamy sand, sandy loam	1 + 1	
Medium Sandy clay loam, sandy clay, loam, silt, silt loam	1 + 1	
Fine Clay loam, silty clay loam, clay	1 + 1 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. Do not use on other soils with less than 1% organic matter as crop injury may result.

Northeastern and Northcentral States

Soil Texture	Rate Per Acre	
	½ 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)	1 + 1	1 + 1
Medium Sandy clay loam, sandy clay, loam, silt, silt loam	1 + 1 to 2	1 + 1 to 2
Fine Clay loam, silty clay loam, clay	1 to 1 + 1 to 2	1 + 2 to 2 + 1

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

"Lexone" + "Amiben" (Tank Mixture)—Pre-emergence Application. Apply with ground equipment.

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

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

Do not use on sand or loamy sand. Do not use on muck or peat soils with less than 1% organic matter. Do not use on other soils with less than 1% organic matter. Do not use on soils with more than 3% organic matter for the preplant application. Do not use on soils with more than 5% organic matter as poor weed control and crop injury may result.

Apply with ground equipment. Do not use on sand or loamy sand with less than 1% organic matter. Do not use on other soils with less than 1% organic matter. Do not use on soils with more than 3% organic matter for the preplant application. Do not use on soils with more than 5% organic matter as poor weed control and crop injury may result.

MINIMUM OF NO-TILLAGE SOYBEANS

For no-till soybeans, apply 1 to 2 pounds per acre of "Lexone" and 1 to 2 pints of "Treflan" EC. Do not use on sand or loamy sand with less than 1% organic matter. Do not use on other soils with less than 1% organic matter as crop injury may result.

Apply with ground equipment. Do not use on sand or loamy sand with less than 1% organic matter. Do not use on other soils with less than 1% organic matter as crop injury may result.

"Lexone" + "Paraquat CL"—Pre-emergence Application. Apply with ground equipment within 10 days of planting.

"Lexone" + "Lasso" (or "Lasso" EC) + "Paraquat CL"—Pre-emergence Application. Apply with ground equipment within 10 days of planting.

"Lexone" + "Surflan" + "Paraquat CL"—Pre-emergence Application. Apply with ground equipment within 10 days of planting.

Paraquat Combinations—Pre-emergence Application. Apply with ground equipment within 10 days of planting.

Replanting—Soybeans. If replanting is necessary, do not replant until 10 days after the last application of "Lexone" or "Treflan" EC. Do not use on sand or loamy sand with less than 1% organic matter. Do not use on other soils with less than 1% organic matter as crop injury may result.

SUGARCANE (Hawaii)—Pre-emergence Application. Apply with ground equipment within 10 days of planting.

Time of Application	Lbs. Per Acre	
	Irrigated	Non-Irrigated
Pre-emergence—apply within 2 weeks after planting	8 to 12	4 to 8
1st, Post-emergence—apply over cane before weeds are 3" tall	8 to 12	4 to 8
Post-emergence—apply prior to close time and before weeds are 3" tall	4 to 8	4 to 5

In addition to the weeds listed elsewhere on this label, treatment (non-irrigated cane) controls *Opuntia*, *spiny amaranth*, *wild euphorbia*, *fireweed*, *Florida's plantain*, *Richardia*, *garden spurge*, *fragrant spurge*, *large crabgrass*, *plushgrass*, *ricegrass* and *wiregrass* (goosegrass) in irrigated cane; the foregoing weeds plus *spiny amaranth*, *hiale kua*, *hiale hila*, *rattletop* 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.

In addition to the weeds listed elsewhere on this label, treatment controls curly dock, field bind weed, *marston*, *swathistle* 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 post-emergence broadcast or directed spray to established tomatoes.

Apply uniformly to seeded or transplanted tomatoes with a properly calibrated low-pressure (20 to 40 psi) fine-fog spray 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 post-emergence broadcast or directed spray application. Do not use air blast or other high pressure spray equipment for post-emergence spray applications.

Preplant Incorporated—"Lexone" or "Lexone" Plus "Treflan" EC Tank Mix (Transplant Tomatoes): Apply 1 to 1.5 pounds per acre of "Lexone" alone or as a tank mix combination with "Treflan" EC as a broadcast spray immediately before transplanting. 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, 1 1/2 to 2 pints per acre on medium soils, and 1 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 Post-emergence Application (Established Tomatoes): Apply 1 to 1.5 pounds 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 weeds in 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 has 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 Post-emergence Application (Established Tomatoes): Apply 1 to 2 pounds per acre as a directed spray according to directions under "Broadcast Post-emergence 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: Do not replant treated areas to any crop other than tomatoes within four months after treatment. Alfalfa, asparagus, corn, forage grasses, potatoes, sunflower, soybeans and sugarcane may be planted in treated areas four months after applications of "Lexone". Do not plant treated areas to sensitive crops such as cole crops, cucurbits, lettuce, melons or beets (sugar or table) during the next growing season as crop injury may result. Cover crops may be planted anytime but stand reductions may occur in some areas. Do not graze or harvest for feed or food. For rotation crops in fields treated with "Treflan" follow instructions on product label.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Do not re-use container. Bury empty container or product that cannot be used, in a safe place away from water supplies, or dispose of by alternative procedures recommended by federal, state or local authorities. Open dumping is prohibited.

within 2 weeks of planting

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

Do not use on sand. Do not use on heavy, compacted soils with less than 1% organic matter, nor on other soils with less than 1% organic matter. Crop injury may result.

"Lexone" + "Tolban" (Tank Mixture) Preplant Incorporated. Apply with or without tillage within 10 days of planting.

Soil Texture	Rate Per Acre	
	"Lexone" (Lbs.) + "Tolban" (Pints)	
Coarse Loamy sand, sandy loam	1 + 1	
Medium Loam, silt loam, silt sandy clay, sandy clay loam	1 + 1	
Fine Silty clay, silty clay loam, clay, clay loam	1 + 1	

Do not use on sand, muck or peat. Do not use on heavy, compacted soils with less than 1% organic matter, nor on other soils with less than 1% organic matter. Crop injury may result.

"Lexone" Following "Prowl", and "Lexone" + "Prowl" (Tank Mixture) Preplant Incorporated. For preplant treatment, incorporate into soil before application and plant at least 7 days later than 1 day after application.

Southern States and Eastern Coastal Plains

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

Do not use on sand, muck or peat. Do not use on heavy, compacted soils with less than 1% organic matter, nor on other soils with less than 1% organic matter. Crop injury may result.

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)	1 + 1	1 + 1
Medium Sandy clay loam, sandy clay, loam, silt, silt loam	1 + 1 to 2	1 + 1 to 2
Fine Clay loam, silty clay loam, clay	1 to 1 + 1, to 2	1 + 2 to 2

Do not use on sand, muck or peat. Do not use on heavy, compacted soils with less than 1% organic matter, nor on other soils with less than 1% organic matter. Crop injury may result.

"Lexone" + "Amiben" (Tank Mixture) Preemergence Application. Apply with or without tillage.

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

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

Apply with ground spray equipment after planting but before crop emerges. Use 20 to 60 gals. of water per acre. Use the higher rate for heavy, compacted soils or table vegetation.

"Lexone" + "Paraquat CL" Select the rate of "Lexone" above and then add 1 to 2 pints Paraquat CL per acre. Use the higher rate for heavy, compacted soils or table vegetation.

"Lexone" + "Lasso" (or "Lasso" EC) + "Paraquat CL" Select the rate from the table for use of "Lexone" above and then add 1 to 2 pints Paraquat CL per acre. Use the higher rate for heavy, compacted soils or table vegetation.

"Lexone" + "Surflan" + "Paraquat CL" Select the rate from the table for use of "Lexone" + "Surflan" tank mixture and then add 1 to 2 pints Paraquat CL per acre. Use the higher rate for heavy, compacted soils or table vegetation.

Paraquat Combinations—Select the "Lexone" or "Lexone" combination treatment above and mix with the spray tank according to direction. Then add 1 to 2 pints Paraquat CL per acre. Use the higher rate for heavy, compacted soils or table vegetation. As the tank mixture is added, add 8 oz. Du Pont Surfactant WK or 0.01% to 0.02% of spray mixture. Maintain constant agitation.

Replanting—Crops may be replanted in treated areas. Crops may be replanted in treated areas within four months after treatment as long as the crop is not a member of the same family as the crop treated. For rotation crops in fields treated with "Lexone" + "Surflan" + "Paraquat CL", follow instructions on product label.

• **SUGARCANE (Hawaii)**—When used for preplant application, follow for aerial application. For ground application, use at least 20 gals. water per acre. For ground application, use at least 20 gals. water per acre. For ground application, use at least 20 gals. water per acre. For ground application, use at least 20 gals. water per acre.

Time of Application	Lbs. Per Acre	
	Irrigated	Non-Irrigated
Preemergence—Apply with 1/2 week after planting	5 to 11	4 to 8
Early Postemergence—Apply with 1/2 to 1 week after planting	3 to 11	4 to 8
Postemergence—Apply prior to or at the time of first weed growth	4 to 8	4 to 8

In addition to the weeds listed elsewhere on this label, treatment (non-irrigated cane) controls annual grasses, wild caryophylls, broadleaf weeds, Florida purslane, Richardson garden spurge, and clubmosses, broadleaf weeds, grasses, plus grass, incense, and wiregrass (goosegrass), many weeds, and the following weeds plus green, upright, hard, four, hula, hula, rattletop and Alexander grass.

SUGARCANE (Louisiana and Texas)—Apply 3 to 6 lbs. per acre during the fall after planting but before the crop emerges, or to the stubble after harvest. Make a second application in the 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.

In addition to the weeds listed elsewhere on this label, treatment controls curly dock, field bind weed, matricaria, wild blue, and water hays.

• **TOMATOES—East of Rocky Mountains (Except Florida):** Apply "Lexone" as a preplant or preemergence application in 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) broadcast spray or directed spray 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 1 to 2 pints per acre of "Lexone" alone or as a tank mix combination with "Treflan" EC as a broadcast spray or directed spray before transplanting. 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, 1 to 2 pints per acre on medium soils, and 1 to 2 pints per acre on fine soils. Consult "Treflan" EC label for specific use instructions and directions for applications. When "Lexone" is tank mixed with "Treflan" EC, apply immediately after planting. Do not allow tank mixture to stand for prolonged periods of time.

Broadcast Postemergence Application (Established Tomatoes): Apply 1 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 postemergence or directed spray applications if tomatoes are growing under stress conditions caused by low fertility, disease, insect, drought, cool, wet or cloudy weather prior to application. Do not apply within 7 days of harvest.

Crop Rotation Recommendations: Do not replant treated areas to any crop other than tomatoes within four months after treatment. After asparagus, corn, forage grasses, potatoes, saffron, soybeans and sugarcane may be planted in treated areas four months after applications of "Lexone". Do not plant treated areas to sensitive crops such as cole crops, cucurbits, lettuce, onions or beets (sugar or table) during the next growing season as crop injury may result. Cover crops may be planted anytime but stand reduction may occur in some areas. Do not graze or harvest for feed or food. For rotation crops in fields treated with "Treflan", follow instructions on product label.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Do not reuse container. Bury empty container or product that cannot be used, in a safe place away from water supplies or dispose of by alternative procedures recommended by federal, state or local authorities. Open dumping is prohibited.

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