

PREMERGE*

DINITRO WEED KILLER

Contains Dinoseb

1/2 gallon net

CONTENTS EXCLUSIVELY MANUFACTURED BY
THE DOW CHEMICAL COMPANY
PACKAGED AND DISTRIBUTED BY
MICRO CHEMICAL COMPANY
Winnsboro, Louisiana 71295

* Trademark of THE DOW CHEMICAL COMPANY

ACTIVE INGREDIENTS:

Dinoseb (2-sec-butyl-4,6-dinitrophenol) as the alkanoamine salts (of the ethanol series) 50.7%

INERT INGREDIENTS

(Includes methanol) 15.0%
Contains the equivalent of 31 1/2 or 3 pounds of dinoseb per gallon.

E. P. A. Registration No. 4841-50

E. P. A. Est. No. LA-4211

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada completamente.

TRANSLATION: (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

Quarts of PREMERGE* DINITRO WEED KILLER and LASSO Per Acre for Overall Coverage in Soybeans

Soil Texture	Stale seed Bed or Pre-emergence		Early Postemergence		plus LASSO
	PREMERGE* DINITRO	plus LASSO	Up to 75°F	75°F to 95°F	
Sandy loam	4	2	3	2	15
Silt loam	6	2 to 2.5	3	2	2
Heavy clay	6	2.5 to 3	3	2	2.5 to 3

Apply to stale seedbeds either before or after planting but before emergence of the soybeans to control weeds that are up as well as those that have not emerged in fields prepared for planting several weeks earlier. Rain or irrigation is needed after pre-emergence application to activate the herbicides, preferably within 4 to 6 days after treatment. The early post-emergence treatment can be applied when weeds are up and soybeans are in the cotyledon stage but before first leaves open to expose the buds. This may cause some injury to the soybeans but the effect is usually temporary and not harmful to yield. Note: Do not use on light sandy soils. Do not spray if soil surface is very wet. First soybean leaves have opened or air temperature is expected to exceed 95°F within 24 hours after application. Do not apply the tank mix post-emergence if LASSO has been applied pre-emergence. Before using LASSO with PREMERGE* DINITRO WEED KILLER, read and observe all use precautions and statements of hazard on labels attached to containers of these products.

KEEP OUT OF REACH OF CHILDREN

DAWSON

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

MAY BE FATAL IF ABSORBED THROUGH SKIN • CONTAINS METHANOL
MAY BE FATAL OR CAUSE BLINDNESS IF SWALLOWED
CAUSES EYE BURNS • MAY CAUSE SKIN IRRITATION
Do Not Get In Eyes, On Skin, Or On Clothing • Do Not Take Internally • Wash Thoroughly With Soap and Water After Handling, Or Before Eating or Smoking Avoid Breathing Spray Mist or Vapors
Wear suitable protective equipment such as chemical workers goggles, rubber or plastic gloves and rubber or plastic apron while pouring and transferring the concentrated product and at other times when contact is likely. Wear protective clothing such as long-sleeved shirt and long-legged pants or coveralls when remaining and spraying. **DO NOT WEAR CONTAMINATED CLOTHING OR SHOES.** To avoid breathing spray mist, wear a mask or respirator of a type recommended by NIOSH or MSHA. Keep respirator clean — wash thoroughly and change cartridge as needed.

Statement of Practical Treatment

SYMPTOMS OF POISONING: Excessive Fatigue, Sweating, Thirst and Fever. If symptoms crop up, get out of any type of exposure. **SEND FOR A PHYSICIAN.**
FIRST AID: Have patient lie up and rest. If available, if lavage cool with cold compresses on eyes. If in cool water. If Swallowed, **SEND FOR A PHYSICIAN.** Induce vomiting by giving two glasses of water and sticking finger down throat. Treat as in FIRST AID above. If applied on skin, immediately remove contaminated clothing, including shoes, and wash skin with soap and plenty of water. If symptoms of poisoning develop, get to a physician and treat as in FIRST AID above. Discard contaminated clothing and shoes, or change thoroughly before reuse. If Splashed in Eyes, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention. **NOTE TO ATTENDING PHYSICIAN:** Active ingredient is a potent irritant. Symptoms may be severe.

Physical and Chemical Hazards

COMBUSTIBLE

Do Not Use or Store Near Heat or Open Flame • Do Not Cut or Weld Containers. To avoid fire or explosion, etc. keep containers and clothing and shoes outdoors until clean.

Environmental Hazards

This product is toxic to fish and other wildlife in treated areas may be toxic to aquatic organisms, or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor runoff from treated areas. See particularly the label booklet.

AGRICULTURAL CHEMICAL

Do Not Ship or Store with Food, Feeds, Drugs or Clothing

GUARANTEE: PREMERGE* DINITRO WEED KILLER is guaranteed by MICRO CHEMICAL COMPANY to control weeds in soybeans when used as directed in any water-soluble spray mixture in accordance with the directions on the label. The guarantee does not apply to any other use or to any other crop.

NOTICE: Water is essential for the proper functioning of this chemical. Do not use in areas where water is scarce or where the soil is very dry. Do not use in areas where the soil is very dry. Do not use in areas where the soil is very dry. Do not use in areas where the soil is very dry.

PREMERGE* DINITRO WEED KILLER is a herbicide that kills weeds before they emerge from the soil. It is used in soybean fields to control weeds that are up as well as those that have not emerged in fields prepared for planting several weeks earlier. Rain or irrigation is needed after pre-emergence application to activate the herbicides, preferably within 4 to 6 days after treatment. The early post-emergence treatment can be applied when weeds are up and soybeans are in the cotyledon stage but before first leaves open to expose the buds. This may cause some injury to the soybeans but the effect is usually temporary and not harmful to yield. Note: Do not use on light sandy soils. Do not spray if soil surface is very wet. First soybean leaves have opened or air temperature is expected to exceed 95°F within 24 hours after application. Do not apply the tank mix post-emergence if LASSO has been applied pre-emergence. Before using LASSO with PREMERGE* DINITRO WEED KILLER, read and observe all use precautions and statements of hazard on labels attached to containers of these products.

PREMERGENCE AS TANK MIX OF PREMERGE* DINITRO WEED KILLER WITH LASSO* Herbicide for the control of weeds in soybean fields. Use PREMERGE* DINITRO WEED KILLER and LASSO in a tank mix for the control of weeds in soybean fields. Apply 2 to 4 quarts of PREMERGE* DINITRO WEED KILLER and 2 to 4 quarts of LASSO per acre in 30 to 40 gallons of water per acre. Apply by ground equipment or aircraft. Do not use on very light sandy soils. Some reduction in stand of soybeans may result but this does not ordinarily affect crop yield.

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SMALL GRAINS (Barley, Oats, Rye and Wheat - Seeded Alone or Interplanted With a Legume): Postemergence Use PREMERGE* DINITRO WEED KILLER at the rate of 1.5 to 2 quarts per acre by either ground equipment or aircraft, and apply within 2 to 6 inches of soil and weeds are small. For aerial application use enough water to make 10 to 15 gallons of spray per acre. For ground spraying dilute in enough water to make 30 to 50 gallons per acre. To avoid excessive burn of crop at age, use the lower rate of PREMERGE* DINITRO WEED KILLER during periods of cloudy weather. Note: Do not graze or feed treated forage to livestock within 6 weeks after spraying.

SOYBEANS

PREEMERGENCE — Apply 2 to 2.5 gallons of PREMERGE* DINITRO WEED KILLER in about 30 to 40 gallons of water per acre between planting and crop emergence. Do not use on very light sandy soils. Some reduction in stand of soybeans may result but this does not ordinarily affect crop yield.

EARLY POSTEMERGENCE — When soybeans are up and first leaves are open to expose the buds, apply 2 to 3 quarts of PREMERGE* DINITRO WEED KILLER in 30 to 40 gallons of water per acre by ground equipment or aircraft. Do not use on very light sandy soils. Some reduction in stand of soybeans may result but this does not ordinarily affect crop yield.

TANK MIX OF PREMERGE* DINITRO WEED KILLER PLUS LASSO* Apply to stale seedbeds or to pre-emergence or early post-emergence treatment in soybean fields to control weeds in soybean fields. Use PREMERGE* DINITRO WEED KILLER and LASSO in a tank mix for the control of weeds in soybean fields. Apply 2 to 4 quarts of PREMERGE* DINITRO WEED KILLER and 2 to 4 quarts of LASSO per acre in 30 to 40 gallons of water per acre. Apply by ground equipment or aircraft. Do not use on very light sandy soils. Some reduction in stand of soybeans may result but this does not ordinarily affect crop yield.

OVERALL LATE POSTEMERGENCE (Selective Program for the Grower's Riskless Alternative to Post-planting) — Use PREMERGE* DINITRO WEED KILLER in a tank mix with LASSO* for the control of weeds in soybean fields. Apply 2 to 4 quarts of PREMERGE* DINITRO WEED KILLER and 2 to 4 quarts of LASSO per acre in 30 to 40 gallons of water per acre. Apply by ground equipment or aircraft. Do not use on very light sandy soils. Some reduction in stand of soybeans may result but this does not ordinarily affect crop yield.

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STALE SEEDBEDS Control of Emergent Potatoes and DINITRO WEED KILLER plus LASSO* for the control of weeds in soybean fields. Apply 2 to 4 quarts of PREMERGE* DINITRO WEED KILLER and 2 to 4 quarts of LASSO per acre in 30 to 40 gallons of water per acre. Apply by ground equipment or aircraft. Do not use on very light sandy soils. Some reduction in stand of soybeans may result but this does not ordinarily affect crop yield.

STRAWBERRIES The Northwest DINITRO WEED KILLER plus LASSO* for the control of weeds in soybean fields. Apply 2 to 4 quarts of PREMERGE* DINITRO WEED KILLER and 2 to 4 quarts of LASSO per acre in 30 to 40 gallons of water per acre. Apply by ground equipment or aircraft. Do not use on very light sandy soils. Some reduction in stand of soybeans may result but this does not ordinarily affect crop yield.

DIRECTED POSTEMERGENCE — Apply when soybeans are 5 to 6 inches tall up to the time they begin to bloom. Use PREMERGE* DINITRO WEED KILLER at the rate of 2 to 4 quarts per acre in 30 to 40 gallons of water for the control of emerged cocklebur, morning glory, coffee weed (Sesbania), pigweed and many other broadleaf weeds. Apply as directed spray through chisel type or other precision directed spray application equipment. Expect only less of the same spray mixture will be required when only beans are treated. Direct the spray toward the base of the soybean plants to provide for maximum wetting of weeds with minimum contact of the crop. Control of coffee weed and grass seedlings will be improved by the addition of 2 quarts of agricultural surfactant (such as MULTIFILM X-77, TRITON X-100 or TWEEN 20 brand) to each 100 gallons of spray. Repeat the directed application once or twice at 7 to 14 day intervals if needed. Note: Continue the spray to the lower half of the soybean plants. Leaves will be injured but no reduction in yield will result. Do not apply after the soybeans have begun to bloom. Do not graze or feed treated soybeans within 6 weeks after treatment.

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PREMERGE* DINITRO WEED KILLER is effective in controlling unwanted grasses in fields, drainage and storage areas and fence rows and installations. Apply when the vegetation is small. Add about 75 gallons of water per acre with good agitation. Use DINITRO WEED KILLER plus LASSO* for the control of weeds in soybean fields. Apply 2 to 4 quarts of PREMERGE* DINITRO WEED KILLER and 2 to 4 quarts of LASSO per acre in 30 to 40 gallons of water per acre. Apply by ground equipment or aircraft. Do not use on very light sandy soils. Some reduction in stand of soybeans may result but this does not ordinarily affect crop yield.

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Under the Federal Fungicide, and Insecticide Act, registered under EPA Reg. No. 100-100-100

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