

LIMIT OF WARRANTY AND LIABILITY

This company warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use. This product is sold subject to the understanding that the buyer assumes all risks of use or handling which may result in loss or damage which are beyond the control of the seller, such as for example, compatibility with other products, the manner of its use or application, or the presence of other products or materials in or on the soil or crop. **NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY IS MADE.** The exclusive remedy of the user or buyer, and the limit of the liability of this company or any other seller for any and all losses, injuries or damages resulting from the use or handling of this product shall be the purchase price paid by the user or buyer for the quantity of this product involved. The buyer and all users are deemed to have accepted the terms of this notice, which may not be varied by any verbal or written agreement.

GENERAL INFORMATION

Randox controls these weeds:

Annual Bluegrass <i>Poa annua</i>	Green Foxtail <i>Setaria viridis</i>
Barnyardgrass (Watergrass) <i>Echinochloa crusgalli</i>	Yellow Foxtail <i>Setaria glauca</i>
Carlickweed <i>Amaranthus palmeri</i>	Pigweed (Redroot) <i>Amaranthus retroflexus</i>
Carpetweed <i>A. verticillata</i>	Pigweed (Spiny) <i>Amaranthus spinosus</i>
Cheat <i>Pennisetum setaceum</i>	Purslane <i>Portulaca oleracea</i>
Crabgrass <i>Digitaria sp.</i>	Stinkgrass <i>Eragrostis ciliaris</i>
Giant Foxtail (Wild Millet) <i>Setaria faberii</i>	

Weeds not controlled:

Common Nuts <i>Carya</i> spp.	Quackgrass <i>Alopecurus repens</i>
Johnsongrass <i>Sorghum halepense</i>	Broadleaf Perennials
Nutgrass <i>Cyperus</i> spp.	Cocklebur <i>Xanthium</i> spp.
	Field Bindweed <i>Convolvulus arvensis</i>

This product is recommended for controlling certain annual grasses and broadleaf weeds in only the resistant crop listed. Apply Randox at planting time or prior to emergence of the crop and weeds. Dilute with water and make coverage uniform. For best results, use 20 gallons or more water per acre when making an over-all application. For band treatment, reduce the amount of Randox in proportion to the area treated. For example, for a 12 inch band treatment when the crop is planted in 40 inch rows, use one-third as much Randox and water as recommended for over-all treatment.

Randox is recommended for use on soils relatively high in organic matter and/or clay. It is less effective in controlling susceptible annual grasses and broadleaf weeds on sandy soils low in organic matter and clay.

For band treated fields, when first cultivation is made, set cult. water to throw soil into the row covering the band. If soil crusts, and it becomes necessary to rotary hoe or harrow, work with and not across the rows.

The rates of application given should be considered as general. Consult the State Agricultural Extension Service or Experiment Station for specific recommendations regarding application, dosage and timing of sprays. The seed bed should be well worked, fine, firm and free of clots or trash. Do not disturb sprayed soil surface by unnecessary rotary hoe cultivation. Avoid making application during periods of strong gusty winds above 15 MPH unless shields have been constructed on the sprayer to give protection from wind.

Carefully select proper nozzles to avoid spraying a fine mist. For best results, use flat fan type nozzles rather than the cone type. To prevent loss of the chemical due to drift of the fine mist, APPLY RANDOX WITH PRESSURE FROM 20 TO 40 PSI.

For band treatment, mount nozzle behind press wheel. Proper height placement of the nozzles is extremely important. For example, when using the 80 series Tee Jet or comparable nozzles, placement of the nozzles should be approximately 7 inches above the ground to spray a 12 inch band. For best results, apply Randox at planting time.

Randox is most effective when applied on soils which are not extremely wet or dry. When applied to extremely wet soil, Randox is rapidly lost by evaporation, lowering its effectiveness. Extremely dry weather following application at normal rates of Randox may also lower its effectiveness. Under dry conditions delay the application until just before the crop emerges.

DIRECTIONS FOR USE

BEANS—(East of Rocky Mountains only) Soybeans, Lima Beans, and Snap Beans. For controlling germinating weedy grasses such as those listed under corn, apply 4 quarts of Randox per acre as an over-all treatment either at or immediately after planting. For band application, see recommendation under corn. Use 5 quarts per acre broadcast on soybeans where recommended by the State Agricultural Extension Service or Experiment Station.

CABBAGE—(Wisconsin, Illinois, Indiana and Florida only) For controlling germinating weeds (listed under WEEDS CONTROLLED) on direct seeded crops, apply 4 quarts per acre immediately after planting. On transplants apply 4 to 6 quarts per acre as a directed spray immediately after transplanting. (For specific rates contact your state experiment station.)

CANNING PEAS—For controlling germinating weedy grasses such as listed under corn, apply 4 quarts of Randox per acre as an over-all treatment immediately after planting.

CASTOR BEANS—For controlling susceptible germinating annual weeds in castor beans, apply 6 quarts of Randox per acre as a pre-emergent spray.

CELERY—(Florida only) Where grass is the predominant weed, irrigate immediately after transplanting. When soil is sufficiently dry to allow application equipment on the field (usually 2-3 days), apply 4 quarts of Randox per acre as an over-all treatment. A second application of Randox may be made immediately following cultivation after fertilization up to three weeks following planting.

CORN—Hybrid Seed Corn, Field Corn, Sweet Corn, Procorn. For controlling germinating weedy grasses such as crabgrass, green foxtail, yellow foxtail and giant foxtail in corn, apply 4 quarts of Randox per acre as an over-all treatment immediately after planting. In band treatment, reduce the amount of Randox in proportion to the area treated, for example in a 12 inch band application use 1 1/4 quarts per acre. Use 5 quarts per acre broadcast where recommended by the State Agricultural Extension Service or Experiment Station.

ONIONS—For controlling germinating weedy grasses, purslane, pigweed, ragweed and lambs quarter in seeded onions on muck soils, apply 6 quarts of Randox per acre as an over-all treatment just before onion emergence. Do not apply Randox if heavy rains are expected immediately following application, since some stand reduction may result. If a windbreak crop is necessary in onions, use barley as a substitute for oats. Do not use windbreak barley for food or feed purposes.

On sets or transplant onions, apply 6 quarts per acre as a directed spray on muck soils soon after planting. For a pre- or post-emergent application, apply 6 quarts per acre as a directed spray after onions (except green onions) have developed 3 true leaves. Do not use within 45 days of harvest. Over all sprays may result in top burn particularly during hot weather. This difficulty is not experienced when directed sprays are used. Randox does not give good control of smartweed.

ORNAMENTALS—(Chrysanthemums, Gladiolus, Iris in California) For controlling susceptible germinating annual weeds in chrysanthemums, gladiolus and iris, apply 6 quarts of Randox per acre as an over-all treatment immediately after planting but prior to emergence of the plant.

SORGHUM—Grain Forage. For controlling germinating weeds, use 4 quarts of Randox per acre as an over-all treatment immediately after planting. For band application, see recommendation under corn. Do not use on seed production fields. Do not use on lister plantings or similar fields where SORGHUM is planted at the bottom of furrows.

SUGAR CANE—(Florida only) Apply 10 quarts of Randox per acre as a broadcast treatment. The application may be made immediately after planting or after growth has started. Only one application should be made and no later than 10 months before harvest. Weeds that have emerged at the time of application will not be killed by the herbicide. Slight marginal leaf burn on some of the younger leaves may be observed if applied after emergence. This is only temporary and does not cause reduction of crop vigor or sugar yields.

SWEET POTATOES—(Louisiana only) Apply 4 quarts per acre (over all) as an over-all treatment over the top of the plant immediately following setting. If set by hand, be sure the transplanting hole is filled with soil so the spray does not contact the roots, or crop may be injured.

RANDOX-VEGADEX COMBINATION

CELERY (Florida only) and **CABBAGE** (Wisconsin, Illinois, Indiana and Florida only) When susceptible broadleaf weeds and grasses are both present in a field of celery or cabbage, combinations of Randox and Vegadex can be used advantageously. Use 3 quarts of Randox per acre and 2 quarts of Vegadex per acre on transplant celery (Florida only) and on transplanted or seeded cabbage, applied immediately after transplanting or seeding.

A second application of the above combination may be made on celery immediately following cultivation after fertilization up to three weeks after transplanting.

TOMATOES (New York only)—For control of susceptible germinating annual weeds apply a combination of 3 quarts of Randox liquid and 5 quarts of Vegadex liquid per acre broadcast immediately after seeding.

POTATOES (New York only, both mineral and muck soils)—For control of annual broadleaf and grassy weeds, apply 3 quarts of Randox liquid and 2 quarts of Vegadex liquid per acre immediately after planting.

WARNING

Extreme care must be used when handling or spraying Randox to prevent irritation of the skin and eyes or systemic toxic effects by absorption through the skin. If spilled on the skin, wash off the area of contact immediately with soap and warm water. If allowed to remain in contact with the skin, Randox in full strength or in spray solutions will cause serious irritation. In addition it will be rapidly absorbed through the skin. Areas of contact will develop temporary sensitivity to cold water which may last for a period of 4 to 8 hours. During application spray mist may drift causing watering and irritation to the eyes. Goggles worn during application will minimize this hazard.

Vapors from Randox Emulsifiable Concentrate are irritating to the eyes. Handle only with adequate

ventilation, preferably out of doors.

Do not allow the container to remain open when not in use. Before spraying, check all hose connections to see that they are firmly secured.

Wear heavy rubber gloves if it is necessary to make repairs on the sprayer during application or if the nozzles should become clogged.

Immediately change clothing which becomes wetted by spillage or drift from spray, or if irritation is noted. Wash clothing before reuse.

Before making application, the spray equipment must be properly calibrated to avoid both over or under treatment.

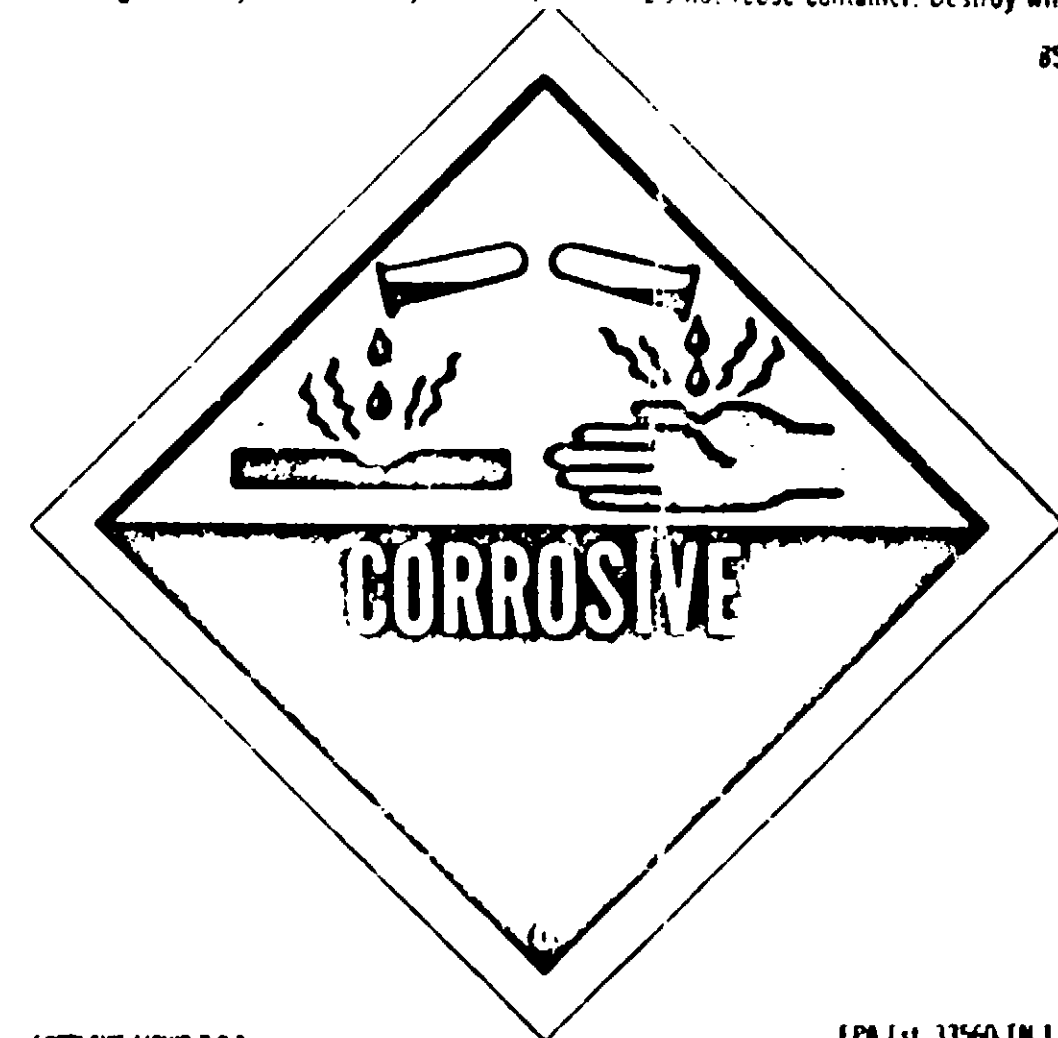
This product is toxic to fish and wildlife. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

Do not apply to any area not specified on the label. Do not use in any manner other than recommended on the label, to avoid possible crop injury or residues at harvest.

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Do not reuse container. Destroy when empty.

852 12 000



EPA (44-33560) (N-1)

MINIATURE FACSIMILE
Smallest Type size on package 12 point.

RANDOX

HERBICIDE BY **Monsanto**

April 7, 1975

524-89

Emulsifiable herbicide for pre-emergence control of certain annual weeds in horticultural and agronomic crops.

Read the entire label
Use only according to label instructions
Read **LIMIT OF WARRANTY AND LIABILITY** before buying or using. If terms are not acceptable, return at once unopened.
Keep out of reach of children
WARNING:
MAY BE FATAL BY SKIN CONTACT
MAY PRODUCE EYE INJURY
COMBUSTIBLE
Do not get on skin or in eyes

Do not take internally
Do not use or store near fire or open flame
To avoid contact with skin or eyes, wear rubber gloves and goggles when spraying or handling the concentrate
IN CASE OF CONTACT: Immediately wash skin with soap and plenty of water; for eyes, flush with plenty of water for at least 15 minutes and get medical attention.
IN CASE OF FIRE: Use water spray, foam, dry chemical or CO₂.
Spill or leak, flush area with water spray.
Avoid contamination of seed, feed or foodstuffs.

ACTIVE INGREDIENT	47.1%
<i>N,N</i> -diallyl-2-chloroacetamide	
INERT INGREDIENTS	52.9%
	100.0%
Contains 4 pounds <i>N,N</i> -diallyl-2-chloroacetamide (CEAA) per gallon	
EPA Reg. No. 524-89-AA	

In case of an emergency involving this product
Let Collect, day or night (314) 694-1000



NET 5 U.S. GAL

MONSANTO COMPANY, AGRICULTURAL DIVISION, ST. LOUIS, MISSOURI 63166, U.S.A.

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... second application, apply
... Randox per acre as an over-
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POTATOES (New York only, both mineral and much
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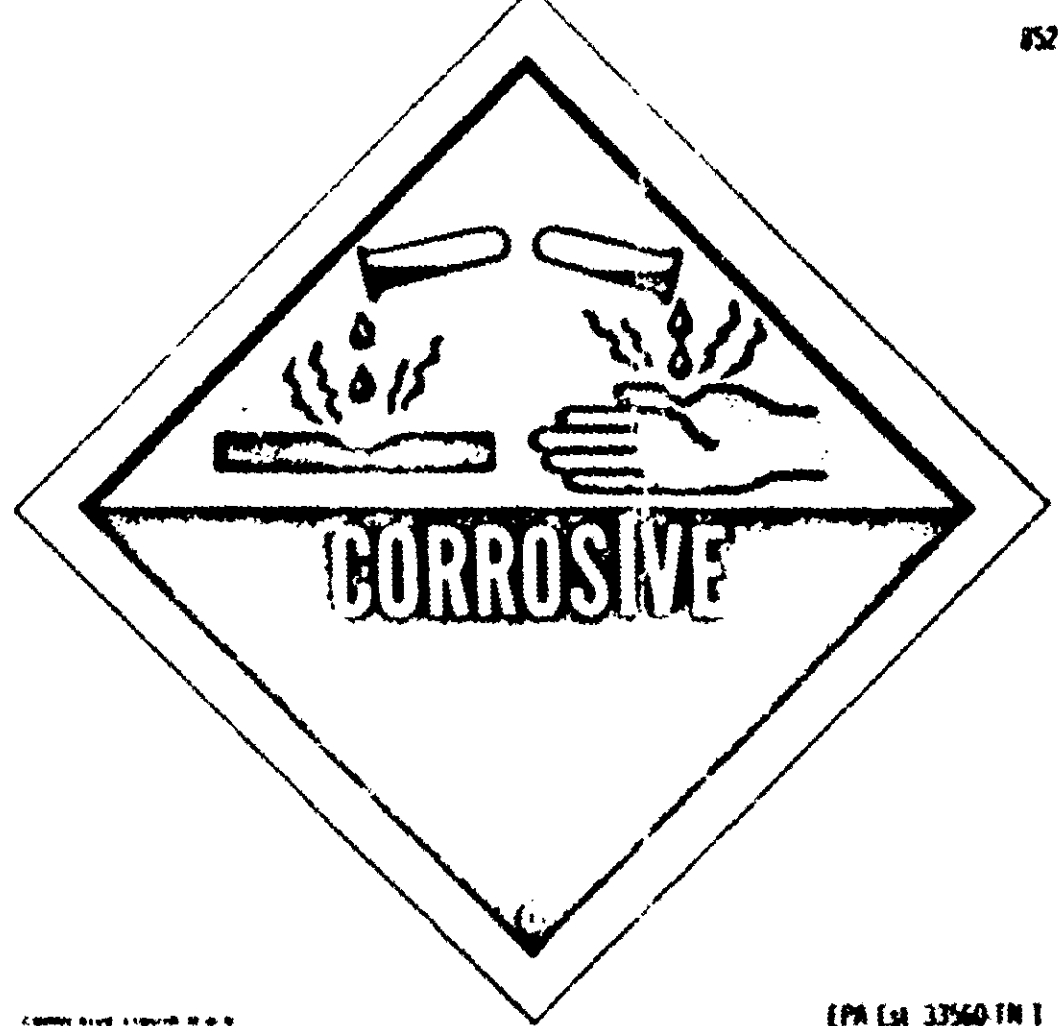
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This product is toxic to fish and wildlife. Keep out of
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... by cleaning of equipment or disposal of wastes
First and foremost, observe all safety precau-
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Do not apply to any area not specified on the label.
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EPA Est. 33560-FN-1