

PREPARATION OF SPRAY AND APPLICATION Above quantities of UNICO LO V ESTER 33 should be added to water in the spray tank at time of application. Agitate or stir to assure a good mixture, and continue some agitation during application. The quantity of spray solution to make up will depend upon the equipment to be used. When using a low volume sprayer, the proper dosage should be applied in at least 15 gallons of water per acre, although as little as 5 to 10 gallons of water per acre have been used in certain instances. Always use the proper amount of this 2,4-D Weed Killer per unit of area regardless of the quantity of water.

SMALL QUANTITIES For mixing and applying small quantities, use the following equivalent:

Dosage Per Acre	Amount Per 1,000 Sq. Ft.
3/8 Pint	1 Teaspoonful
1 Pint	2 1/4 Teaspoonful
1 1/4 Pint	2 3/4 Teaspoonful
2 1/2 Pint	5 1/2 Teaspoonful
3 Pint	6 3/4 Teaspoonful

The dosage rates applied with low volume power sprayers in 15 gallons of water per acre may usually be applied by means of hand or knapsack sprayers in 3 to 4 gallons of water per 1000 square feet.

CLEANING SPRAY EQUIPMENT It is almost impossible to remove residue of 2,4-D from sprayers and application equipment particularly from non-metallic parts wood, rubber, fibre and it is advisable NOT to use the same equipment for applying other materials to plants or crops.

CAUTION

HARMFUL IF SWALLOWED. AVOID CONTACT WITH EYES, SKIN OR CLOTHING. WASH THOROUGHLY WITH SOAP AND WATER IF SOAKED IN. SERIOUS SPILL IN THE EYES, RINSE WITH PLentiful WATER AND GET MEDICAL ATTENTION.

THIS PRODUCT IS TOXIC TO FISH. KEEP OUT OF LAKES, STREAMS OR PONDS. Do not contaminate any body of water, especially domestic and irrigation water supplies.

Apply only in the manner and for the purpose stated on this label. Do not apply when weather conditions favor drift of spray from treated area. Do not use where run-off may occur as a result of heavy rains. Clean application equipment and dispose of excess spray wastes and unused chemical in a pit or non-crop land located well away from water supplies.

DO NOT STORE NEAR FERTILIZERS, SEEDS, INSECTICIDES OR FUNGICIDES. Do not use near open hearth or open flame.

Caution should be exercised in using this product to avoid injury to crops and desirable plants. Do not apply directly to vegetables, flowers, grapes, fruit trees, ornamentals, cotton or other desirable plants which are sensitive to 2,4-D, and do not permit spray mist to drift onto them since even minute quantities may cause severe injury to them. Avoid application of this product to plants which are in bloom or about to bloom. Heavy sprays are less likely to drift. High temperature and wind blowing nearby do not allow excessive drifts to the extent of causing serious injury. Excessive amounts of 2,4-D acids in the soil may temporarily inhibit seed germination and plant growth.

DESTROY EMPTY CONTAINERS. Do not reuse this container for any purpose. If container is to be reused, break empty container into a previously prepared pit on uncultivated land in an unoccupied container under which a heavy weight or with an axe and bury crushed container deeply in a pit or trench and listed well away from water supplies. Do not burn empty containers.

NOTICE

Use only for the purpose and in compliance with the limitations, cautions or warnings stated on this label.

UNICO

LO V ESTER 33 WEED KILLER

INGREDIENTS

ACTIVE INGREDIENTS:		
Isocetyl Ester of 2,4-dichlorophenoxyacetic acid	55.80%	
INERT INGREDIENTS:	44.20%	
Total	100.00%	

Equivalent 36.5% 2,4-D Acid

CONTAINS 3.3 POUNDS 2,4-D ACID EQUIVALENT PER GALLON

CAUTION

KEEP OUT OF THE REACH OF CHILDREN

See Remainder of CAUTION Statement on Side Panel

EPA Reg. No. 1386-563

Net Volume 1 U.S. Quart Liquid

FC-977E-12-71

PROD. 138

MANUFACTURED BY

UNICO Lo V Ester 33 Weed Killer DIRECTIONS FOR USE

UNICO Lo V Ester 33 Weed Killer should be used as a water diluted spray for selective control of susceptible weeds growing in small grain crops, crop, sorghum, grasses for seed production, and ornamental turf, and for non-selective control of certain weeds not in growing crops, such as roadsides, fence rows, and drainage ditch banks.

Apply when the weeds are young and are in a succulent, rapidly growing condition, since best results are obtained when soil moisture and temperature conditions are favorable for rapid growth of weed plants. Sprays applied when weeds have stopped growing rapidly, or when they are affected by a lack of moisture in the soil, are often not effective against many kinds of weeds. Spray perennial weeds after they are completely emerged, but before the bloom stage. Kill of weeds may not be evident for 2 to 3 weeks after spraying. Retreatment of areas infested with perennial weeds may be necessary.

SMALL GRAIN CROPS (WHEAT, OATS, BARLEY, RYE)—Use 3/8 pint (10 fluid ounces) per acre or 1 gallon on 12.8 acres, to control susceptible broadleaved weeds, such as mustard, ramweed, lambsquarter, cocklebur, plantain, morning glory (annual), daisy fleabane, pigweed, wild radish, buckhorn, bull thistle, burdock, dandelion, stinging nettle, and sunflowers. Apply in the spring after grain plants are well tillered (usually 4 to 8 inches tall), but before the boot stage. Do not apply during seedling stage, late jointing stage, or after heading begins. Do not use on grain interplanted with legumes, unless probable injury to the legume crop can be tolerated. **DO NOT FORAGE OR GRAZE TREATED GRAIN FIELDS WITHIN 14 DAYS AFTER TREATMENT. DO NOT FEED TREATED STRAW TO LIVESTOCK.**

CORN for preemergence treatment, use 2 1/2 to 4 3/4 pints per acre applied to the soil after planting, but before emergence of corn seedlings, to control annual grasses and broadleaved weeds, such as crabgrass, foxtail, ragweed, lambsquarter, cocklebur, and pigweed. Do not use on light sandy soil. Use lower rate of application on loam soils and higher rate on heavy soils. Injury to corn is likely to occur if heavy rain shortly follows application. For postemergence treatment, use 3/8 pint (10 fluid ounces) per acre or 1 gallon on 12.8 acres to control the susceptible broadleaved weeds, such as ragweed, lambsquarter, morning glory, annual cocklebur, and pigweed, listed under small grain crops. Apply when weeds are up, but still small, and corn is 4 to 18 inches tall. Corn at 4 to 5 inch stage is more resistant to injury and the broadleaved weeds are more susceptible to control than at earlier or later stages. Avoid direct spraying of or wind drift of spray on corn 10 inches or more. Use of pesticides to keep spray off corn leaves. Avoid spraying immediately after a wind shift or if weather is likely to change. Do not spray if rain is expected within 24 hours. Avoid application for 10 to 14 days after spraying to reduce possibility of crop injury. 2,4-D at the recommended dosage for other crops may not show the same effect on corn if it has already grown to be tolerant to 2,4-D treatment. Do not APPLY AFTER CROPS ARE FULLY APPEARING.

GRASS SEED CROPS AND ORNAMENTAL TURF—Use 2 1/2 to 3 pints per acre applied to soil after grasses are well established but before reaching the boot stage, to control many susceptible broadleaved weeds, such as lambsquarter, the seedling or heading stage. Do not apply to turf and creeping grasses. Control will be best if there are two applications each year for 1 or more years. The usual treatment. One application should be made during the fall period, October to December, and the other during the period February to May. This treatment may cause injury to grasses if interplanted with grain. **DO NOT GRAZE OR FEED ANY FOLIAGE OR LEAF PARTS FROM TREATED AREAS TO LIVESTOCK.**

ROADSIDES, FENCE ROWS AND DRAINAGE DITCHBANKS—Use 2 1/2 to 3 pints per acre to control susceptible broadleaved weeds on uncultivated areas, and apply during early stage of growth. Repeat as necessary to maintain control. Application by hand or knapsack sprayer may be made by using 2 teaspoonfuls per gallon of water, apply spray at rate of 1 gallon per square rod. **DO NOT GRAZE OR FEED ANY FOLIAGE FROM TREATED AREAS TO LIVESTOCK.**

UNITED CO-OPERATIVES, INC.
ALLIANCE, OHIO 44601