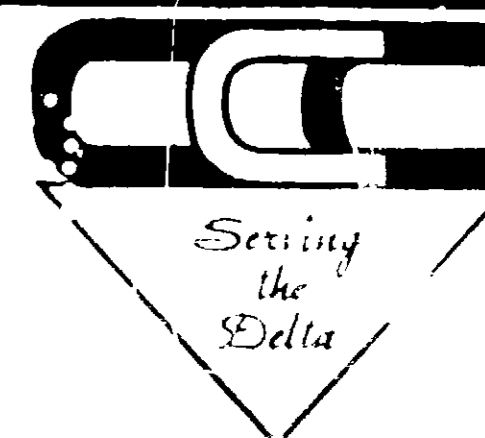
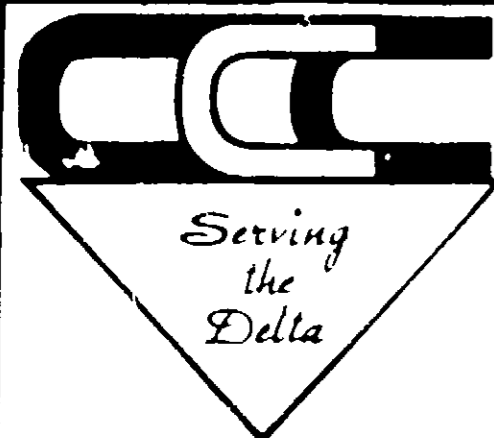


7-23-68  
UNDER THE  
FURNITURE  
FOR SALE

# PREMERGE\* dinitro weed killer



NET CONTENTS \_\_\_\_\_ GALLONS

LIQUID

Active Ingredient: 2-sec-butyl-4,6-dinitrophenol, as the alkanolamine salts (of the ethanol and isopropanol series) 51%

Inert Ingredients 49%

Contains the equivalent of 3 lbs. of 2-sec-butyl-4,6-dinitrophenol per gal.

U.S.D.A. Registration No.

## DANGER

**ABSORBED THROUGH SKIN • MAY BE FATAL IF SWALLOWED**

Do Not Get in Eyes, on Skin, on Clothing • Avoid Breathing Spray Drift

• Do Not Take Internally • Do Not Wear Contaminated Clothing or Shoes • Keep Away from Heat and Open Flame

**SYMPTOMS OF POISONING:** Excessive Fatigue, Sweating, Thirst and Fever. If symptoms of poisoning develop from any type of exposure, SEND FOR A PHYSICIAN.

**FIRST AID:** Have patient lie quiet in coolest spot available. If feverish, cool with cold compresses or by immersion in cool water.

**If Swallowed, SEND FOR A PHYSICIAN.** Induce vomiting by giving an emetic such as 2 tablespoonfuls of table salt in a glass of warm water; repeat until vomit fluid is clear, then give two teaspoonfuls of baking soda in a glass of warm water. Treat as in FIRST AID, above.

**If Splashed in Eyes,** immediately flush eyes with plenty of water for at least 15 minutes and get medical attention. **If Spilled on Skin,** immediately remove contaminated clothing, including shoes, and wash skin with soap and plenty of water. If symptoms of poisoning develop, send for a physician and treat as in FIRST AID, above. Discard contaminated clothing and shoes, or clean them thoroughly before re-use. **NOTE TO ATTENDING PHYSICIAN:** Active ingredient is a metabolic stimulant. Treat symptomatically.

**HIGHLY TOXIC TO FISH AND WILDLIFE:** Do not contaminate any body of water nor apply to any area not specified on label.

**CAUTION:** To avoid staining of carpets, upholstery, etc., keep contaminated clothing and shoes outdoors until cleaned.

**Decontaminate containers** by washing thoroughly with detergent ammonia solution, then destroy containers to prevent reuse. Discard rinse solution away from water supplies.

## DANGER:

KEEP OUT OF REACH OF CHILDREN

DO NOT INHALE

DO NOT GET ON SKIN

DO NOT TAKE INTERNALLY

Read Antidote and Complete Precautions on Side Panel

### GENERAL INFORMATION

Premerge\* is effective in both pre-emergence and postemergence applications to control many seedling weeds and grasses. It may only partially control certain vigorous annual weeds and grasses, particularly under drought or cool weather conditions, and will not ordinarily control established perennials.

Premerge\* mixes readily in most waters with moderate agitation. In unusually hard water, a tarry deposit may form in the sprayer and clog screens. To avoid this, mix a softener such as Calgon with the spray water before adding the Premerge\*. Usually 1 pound per 100 gallons is enough. Also, it is best to use screens 50 mesh or larger. Remove tarry residue with a solvent such as denatured alcohol.

Local conditions affect the use of herbicides.

State agricultural authorities in many states issue recommendations to fit local conditions.

### TYPES OF TREATMENT—PRE-EMERGENCE TREATMENT

Application of Premerge\* after crop is planted but before crop plants emerge. For best results, the soil surface should be moist and fairly firm. Light or moderate rainfall after treatment is desirable, but heavy rain may cause excessive leaching of the chemical with resultant lower weed control. Under very dry or cool conditions following application, weed control will be less effective unless sprinkler irrigation can be used. After crop emergence, start cultivation as soon as weed growth warrants.

**POSTEMERGENCE TREATMENT—Application of Premerge\* after crop plants have emerged. For best results weeds and especially grasses should be in small seedling stage.**

Apply Premerge\* during warm, sunny weather when crop foliage is dry, using low pressure (25 to 50 pounds). Premerge\* will often cause some burning of crop plant leaves, but the effect is usually temporary. Spraying is more effective and less Premerge\* is required at moderately high temperatures (70 to 85 F.), however, to avoid crop damage, do not spray when the temperature exceeds 85 F., or is expected to exceed 85 F. within 24 hours after application. Below 70 F., use the higher rates. Usually higher rates of Premerge\* are required for seedling grass control than for seedling broadleaved weed control. Use enough spray volume to give uniform, complete coverage of all weed foliage.

DISTRIBUTED BY

# CLEVELAND CHEMICAL CO.

## CLEVELAND, MISSISSIPPI

### DIRECTIONS FOR USE

DO NOT SPRAY, OR ALLOW SPRAY MIST TO CONTACT DESIRABLE ORNAMENTAL OR CROP PLANTS EXCEPT IN ACCORDANCE WITH LABEL RECOMMENDATIONS.

**NOTE:** All recommendations given below are for over-all spraying. Often it is possible and desirable to spray only a 12 to 16 inch band over the row, leaving the middles unsprayed. This practice, called "band treatment," reduces the amount of Premerge\* needed per acre, usually to about one-third.

**SOYBEANS: Pre-emergence—**Use 2 to 2½ gallons of Premerge\* in about 30 gallons of water per acre as an over-all spray shortly after planting and preferably just before emergence. Best results will be obtained with applications on well-prepared fertile soil. Some stand reduction may result, but this does not ordinarily reduce yield. Do not use on soybeans planted in very light, sandy soils. **Early Post-emergence—**Use 3 to 4 quarts in 20 to 40 gallons of water per acre as an over-all spray when the soybeans are in the cotyledon to first true leaf stage and weeds are up. This application will control emerged seedling grass and broadleaf weeds. Soybean leaves may be burned but usually recovery is complete. Do not use when temperatures above 85 F. are likely.

**POTATOES: Pre-emergence—**Apply just before emergence to the potatoes. For seedling broadleaf weeds, use 3 to 4 quarts of Premerge\* in 25 to 40 gallons of water per acre as an over-all spray. If seedling grasses are a problem, use a combination spray containing 3 to 4 quarts of Premerge\* and 3 pounds of Dowpon\* grass killer in 25 to 40 gallons of water per acre. **Note:** Do not use Dowpon\* on land planted to red-skinned varieties.

**FIELD CORN, SWEET CORN, POPCORN: Pre-emergence—**Use 2½ to 3 gallons of Premerge\* in about 30 gallons of water per acre as an over-all spray at time of planting. **Postemergence—**Use 1 to 1½ gallons of Premerge\* in about 30 gallons of water per acre as an over-all spray to control seedling grasses and weeds. Apply when corn is not beyond the 2-leaf stage and weeds are very small. Partial burning of corn leaves is not ordinarily harmful. Burning may be more severe if spraying is done during hot weather. Under some conditions, 2 to 3 quarts of Premerge\* give satisfactory control of newly emerging weed seedlings.

**PEAS: Pre-emergence—**Use 2 to 3 gallons of Premerge\* in 25 to 40 gallons of water per acre as an over-all spray at time of planting. **Postemergence—**Use 2 to 3 quarts of Premerge\* in 25 to 40 gallons of water per acre when peas are 2 to 8 inches tall and weeds are small. Do not apply after flower buds are visible. Do not graze animals on treated fields or feed treated hay to livestock within 40 days after treatment. When seedling grasses are a problem, use the same amount of Premerge\* and add one pound of Dowpon\* per acre. Not "Pea" recommendations on Dowpon\* label.

**GENERAL CONTACT WEED CONTROL:** On Drainage Ditch banks, rights-of-way, storage yards and similar non-crop areas. Treat when vegetation is young and succulent. Use 2 to 3 quarts of Premerge\* per acre in a spray prepared as follows: Mix one pint of nonionic emulsifier (such as Triton X-100, Tween 85, Glum) in 5 gallons of fuel oil and emulsify in 30 gallons of water; then add the Premerge\* with vigorous agitation and spray at moderate pressure. Complete coverage of foliage is essential. Apply during warm, sunny weather for best results.

**NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of the product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

PREMERGE\* dinitro weed killer

DOWPON\* grass killer

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