

**GENERAL INFORMATION**

**Premerge** is a selective herbicide for use on corn, sorghum, and grain sorghum. It is effective against many broadleaf weeds and grasses. It is applied as a pre-emergence treatment, meaning it is applied to the soil before the crop plants emerge.

**Premerge** is also effective against many weeds and grasses that emerge after the crop plants have emerged. It is applied as a post-emergence treatment, meaning it is applied to the soil after the crop plants have emerged.

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 is called pre-emergence treatment. It is most effective when applied to the soil before the crop plants emerge. It is applied as a pre-emergence treatment, meaning it is applied to the soil before the crop plants emerge.

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

Apply Premerge if the weather is dry. Windy weather after crop plants are up is not a good time to apply Premerge. Premerge is most effective when applied to the soil before the crop plants emerge. It is applied as a pre-emergence treatment, meaning it is applied to the soil before the crop plants emerge.

**DIRECTIONS FOR USE**  
DO NOT SPRAY OR ALLOW SPRAY MUST TO CONTACT DESIRABLE ORNAMENTAL OR CROP PLANTS EXCEPT IN ACCORDANCE WITH LABEL RECOMMENDATION.

**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.

**lima BEANS, SNAP BEANS, FIELD BEANS:** Pre-emergence Use 2 to 4 quarts of Premerge per acre. Post-emergence Use 1 to 2 quarts of Premerge per acre.

**POTATOES:** Pre-emergence Apply Premerge to the soil before the potato plants emerge. Post-emergence Apply Premerge to the soil after the potato plants have emerged.

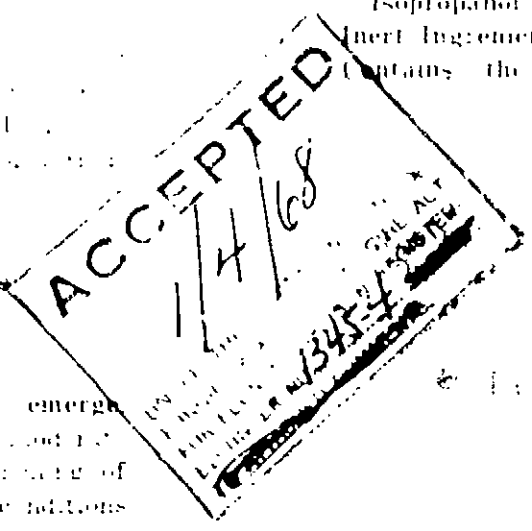
**PREMERGE**

Active Ingredient: Alkylamine Salts of the Ethanol and Isopropanol esters of 4-(6-Dimethylamino-3-Pyridinyl)-N-Propyl-2,6-Dimethyl-4-Methylphenol  
Inert Ingredients 51.1  
Contains the equivalent of 4 lbs. of 4-(6-Dimethylamino-3-Pyridinyl)-N-Propyl-2,6-Dimethyl-4-Methylphenol per gal 19

USA Registration No. 13551

**DANGER**

**POISON**



**SYMPTOMS OF POISONING:** Excessive Fatigue, Sweating, Thirst and Fever. If symptoms of poisoning develop in any type of case, SEND FOR A PHYSICIAN.  
**FIRST AID:** Have patient lie quiet in fresh air. If vomiting, do not give anything by mouth. Give small sips of water, cold compresses or by enema in cool water.

**If Swallowed, SEND FOR A PHYSICIAN.** Do not induce vomiting by giving anything by mouth. If vomiting occurs, do not give anything by mouth. If symptoms of poisoning develop, have patient lie quiet in fresh air. If vomiting occurs, do not give anything by mouth. Give small sips of water, cold compresses or by enema in cool water. Treat as in FIRST AID above.

**If Splashed in Eyes:** Hold eye open and flush with plenty of water for at least 15 minutes. If symptoms of poisoning develop, have patient lie quiet in fresh air. If vomiting occurs, do not give anything by mouth. Give small sips of water, cold compresses or by enema in cool water. Treat as in FIRST AID above.  
**If Spilled on Skin:** Wash immediately with plenty of water. If symptoms of poisoning develop, have patient lie quiet in fresh air. If vomiting occurs, do not give anything by mouth. Give small sips of water, cold compresses or by enema in cool water. Treat as in FIRST AID above.

**CAUTION:** Do not use in areas where there are children or animals. Do not use in areas where there are children or animals.

Decontaminate containers. Do not use in areas where there are children or animals. Do not use in areas where there are children or animals.

**DISTRIBUTED BY**

**C. W. STAPLES, INC.**

PRESQUE ISLE, MAINE

NET CONTENTS **30** GALS.

**FIELD CORN, SWEET CORN, POPCORN:** Pre-emergence Use 2 to 4 quarts of Premerge per acre. Post-emergence Use 1 to 2 quarts of Premerge per acre.

**PEAS:** Pre-emergence Use 2 to 4 quarts of Premerge per acre. Post-emergence Use 1 to 2 quarts of Premerge per acre.

**OATS, RYE, WHEAT AND BARLEY SEEDED ALONE OR INTERPLANTED WITH LEGUMES:** Post-emergence Use 1 1/2 to 2 quarts of Premerge per acre.

**SEEDLING ALFAFA, SWEET CLOVER, RED CLOVER, BIRDSFOOT TREFOIL:** Post-emergence Use 1/2 to 2 quarts of Premerge per acre.

**PUMPKINS AND SQUASH:** Pre-emergence Apply 1 to 2 quarts of Premerge per acre after planting but before emergence. Use the higher rate on heavy soils.

**CUCUMBERS:** Use as on Peas. Premerge per acre.

**ALFAFA:** Apply 1 to 1 1/2 quarts of Premerge per acre. Use the higher rate on heavy soils.

**STRAWBERRIES:** Use as on Peas. Premerge per acre.

**KILLING POTATO VINES:** Use as on Peas. Premerge per acre.

**NOTICE**

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, that 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, DOWPON Trademarks of The Dow Chemical Company

# HV4 WEED KILLER

## Directions for Use

### GENERAL INFORMATION

IMPORTANT! HV4 WEED KILLER is a systemic herbicide which is absorbed by the plant and kills the weeds from within. It is effective against many of the most troublesome weeds in the Midwest. It is safe for use on most crops and can be used in a variety of ways.

**CORN - PRE-EMERGENCE:** Apply to soil in rows of corn at the time of planting. Use 1/2 to 1 quart per acre. It will prevent the growth of weeds such as crabgrass, goosegrass, and barnyardgrass.

**CORN - POST-EMERGENCE:** Apply to soil in rows of corn after the plants are up and before the weeds are up. Use 1/2 to 1 quart per acre. It will kill weeds such as pigweed, lambsquarters, and ragweed.

**CORN - SPRAYING:** Spray HV4 weed killer on weeds in corn rows. Use 1/2 to 1 quart per acre. It will kill weeds such as pigweed, lambsquarters, and ragweed.

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**SORGHUM - POST-EMERGENCE:** Apply to soil in rows of sorghum after the plants are up and before the weeds are up. Use 1/2 to 1 quart per acre. It will kill weeds such as pigweed, lambsquarters, and ragweed.

**HARD TO KILL WEEDS IN NON-CROP LAND:** Apply HV4 weed killer to weeds in non-crop areas. Use 1/2 to 1 quart per acre. It will kill weeds such as pigweed, lambsquarters, and ragweed.

### NOTICE

Distributed By  
FARMERS REGIONAL COOPERATIVE  
Fort Dodge, Iowa

### NET CONTENTS

# HV4 WEED KILLER

## Directions for Use

### GENERAL INFORMATION ON APPLICATION

CROP	AMOUNT PER ACRE	APPROX. ACRES COVERED
CORN		
Pre-Emergence	1/2 to 1 qt.	1 to 4 acres
Post-Emergence	1/2 to 1 qt.	1 to 4 acres
SMALL GRAINS		
Spring Wheat, Oats	1/2 to 1 qt.	15 to 16 acres
Barley	1/2 to 1 qt.	8 to 10 acres
Winter Wheat, Rye	1/2 to 1 qt.	8 to 10 acres
PASTURES AND TURF	1 qt.	4 acres
NON-CROP AREAS AND SPOT TREATMENT	1/2 to 1 qt. in 100 gal. water	Over all spray

### SUSCEPTIBLE WEEDS (Use lower dosage rate)

- BROOMFIELD
- BUCKLE
- COCKLE
- CRABGRASS
- FLAX
- GOOSEGRASS
- GRASS
- HOARD
- NOTWIT
- LAMBSQUARTER
- MUSTARD
- BURNING GORSE
- BEAN
- BEAN
- BEAN
- SUNFLOWER
- MILD CABBAGE
- MILD CABBAGE
- MILD CABBAGE

**SMALL GRAIN** (Wheat, Rye, Oats) - Apply 1/2 to 1 quart per acre. It will kill weeds such as pigweed, lambsquarters, and ragweed.

**PASTURES AND TURF:** Apply HV4 weed killer to weeds in pastures and turf. Use 1/2 to 1 quart per acre. It will kill weeds such as pigweed, lambsquarters, and ragweed.

**WOODY PLANTS:** Apply HV4 weed killer to weeds in woody plants. Use 1/2 to 1 quart per acre. It will kill weeds such as pigweed, lambsquarters, and ragweed.

**CAUTION:** Keep out of the reach of children. See other warnings on side panel.

ACCEPTED  
May 23, 1968  
1381-7

# FELCO

## 4 LB.

# BUTYL ESTER

# HV4

CONTAINS 4 POUNDS 2,4-D ACID PER GALLON

# 2,4-D WEED KILLER

### INGREDIENT STATEMENT

ACTIVE INGREDIENTS:	
Butyl Ester of 2,4 Dichlorophenoxyacetic acid	57.0
INERT INGREDIENTS	43.0
Total	100
2,4 Dichlorophenoxyacetic acid equivalent — 45.0%	

**CAUTION:** KEEP OUT OF THE REACH OF CHILDREN  
SEE OTHER WARNINGS ON SIDE PANEL

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME

FARMERS REGIONAL COOPERATIVE