

1084  
107-75

# STAMPEDE™ 3E

## HERBICIDE

ACCEPTED

JUN 26 1984

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 707-75

### 3 LB. E.C.

FOR POSTEMERGENCE CONTROL OF GREEN AND YELLOW FOXTAIL GRASS AND SPECIFIC BROADLEAF WEEDS IN SPRING BARLEY, OATS, DURUM AND HARD RED SPRING WHEAT IN NORTH DAKOTA, SOUTH DAKOTA, MINNESOTA AND MONTANA

### WARNING

KEEP OUT OF REACH OF CHILDREN

Before using this product, read the entire Precautionary Statements, Conditions of Sale and Warranty, Directions for Use, Use Precautions and Storage and Disposal Instructions on back panel. If the conditions of Sale and Warranty are not acceptable, return the product unopened within thirty days of purchase to the place of purchase.

#### ACTIVE INGREDIENT

propanil	33.8%
3, 4-dichloropropionanilide	66.2%
<b>INERT INGREDIENTS</b>	
Total	100%

\*Equivalent to 3 lbs. active ingredient per gallon

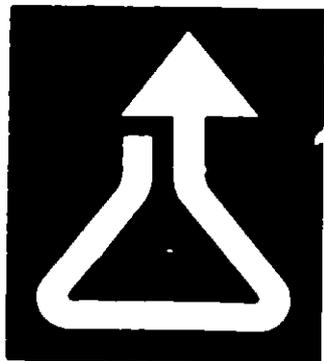
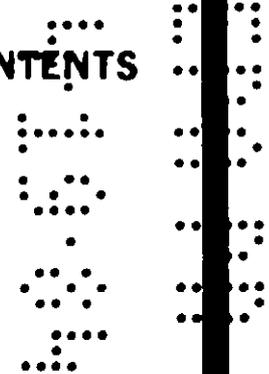
U.S. Patent 3 816 092

EPA Reg. No. 707 75

EPA Est. No. 4091 TN 2

©Copyright 1982 Rohm and Haas Company

### NET CONTENTS



**ROHM  
AND  
HAAS**

PHILADELPHIA, PA. 19105

## STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## WARNING

IRRITATING TO EYES AND SKIN

HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN

MAY BE HARMFUL IF INHALED

Do not get in eyes or on skin. Wear eye and skin protection when handling. Do not take internally. Avoid breathing spray mist.

### STATEMENT OF PRACTICAL TREATMENT

**FOR EYE CONTACT:** Flush eyes with large amounts of water for at least 15 minutes. Consult a physician if irritation persists.

**FOR SKIN CONTACT:** Wash affected area with soap and water.

**FOR INGESTION:** Induce vomiting by immediately giving two glasses of water to drink and touching back of throat with finger. Call a physician. Never give anything by mouth to an unconscious person.

**IF INHALED:** Remove victim to fresh air. Treat the victim symptomatically. If irritation persists, call a physician.

### ENVIRONMENTAL HAZARDS

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

## STORAGE AND DISPOSAL

**STORAGE:** Do not use, pour, spill or store near heat or open flame. Ground all metal containers when transferring product. Do not store at temperatures below 15°F. If stored below 15°F and crystals form, warm to 60°F for 24 hours, periodically rolling drum to reconstitute.

**PESTICIDE DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinseate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Eliminate ignition sources. Ventilate area. Avoid breathing vapors. Use MSHA/NIOSH self contained breathing apparatus or air mask for large spills in confined areas. Dike the spill with inert material (sand, earth, fuller's earth, etc.) and if appropriate transfer the liquid and solid diking material to separate containers for recovery or disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Wash clothing before reuse. Keep out of all sewers and open bodies of water.

# 6-2693

STAMPEDE

9540 M2a

## DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING

### GENERAL INFORMATION

STAMPEDE 3E is a selective postemergence herbicide for use in spring barley, oats, durum and hard red spring wheat for the control of the following weeds:

Pigeongrass

(Green Foxtail, *Setaria viridis*)

(Yellow Foxtail, *Setaria lutescens*)

Wild Buckwheat, *Polygonum convolvulus*

Redroot Pigweed, *Amaranthus retroflexus*

Prostrate Pigweed, *Amaranthus blitoides*

Lambsquarters, *Chenopodium album*

Wild Mustard, *Brassica kaber*

Kochia, *Kochia scoparia*

STAMPEDE 3E is an emulsifiable concentrate containing 3 pounds active ingredient per U.S. gallon.

STAMPEDE 3E is not a hormone type herbicide, but kills susceptible weeds by direct contact action. For this reason, thorough spray coverage is essential for best results.

STAMPEDE 3E controls only weeds which have emerged and are exposed at the time of application. The product has no preemergence or residual herbicidal activity.

STAMPEDE 3E is most effective if applied when pigeongrass and susceptible broadleaf weeds are small and growing actively under favorable soil moisture and weather conditions.

Early weed control removes competition, saves moisture, and generally contributes to increased yields.

### APPLICATION TIMING

For optimum weed control and crop tolerance, the importance of early spray timing cannot be overemphasized. STAMPEDE 3E is most effective in controlling pigeongrass if spray applications are made when the majority of emerged pigeongrass is in the 2 to 3 LEAF STAGE. Since pigeongrass at these early stages is often less than one inch tall, close inspection of the field is essential to determine correct application timing. Fields should be checked for emerging pigeongrass starting 2 to 2½ weeks after planting. The best time to apply STAMPEDE 3E often will be 10 to 17 days after crop emergence when the grain is in the 3 to 4 LEAF STAGE.

### DOSAGE RATE RECOMMENDATIONS —

#### SPRING BARLEY, OATS AND DURUM WHEAT . . .

For the control of pigeongrass apply STAMPEDE 3E in a single application at the dosage rate of 3 pints (1 1/3 pounds active ingredient) per acre (tank mixed with MCPA isooctyl ester at 0.25 pound acid equivalent per acre when the majority of pigeongrass is in the 2 to 3 LEAF STAGE and the crop is in the 2 to 4 LEAF STAGE. The tank mix rate of STAMPEDE 3E and MCPA will not satisfactorily control pigeongrass in the 4 LEAF STAGE, but will control susceptible broadleaf weeds in the 2 to 4 LEAF STAGE (see chart).

\*Equivalent to 4 pint (8 oz) of a formulation containing 4 pounds MCPA acid equivalent per gallon. See section COMPATIBILITY — STAMPEDE 3E/MCPA TANK MIXES.

For the control of broadleaf weeds only in fields where pigeongrass is not present, apply STAMPEDE 3E in a single application at the dosage rate of 3 pints (1 1/3 pounds active ingredient) per acre when susceptible broadleaf weeds are in the early seedling stages (2 to 4 LEAF STAGE) and the crop is in the 2 to 4 LEAF STAGE. The 3 pint rate of STAMPEDE 3E alone is not recommended for control of pigeongrass, wild mustard or kochia (see chart).

**CAUTION:** DO NOT APPLY STAMPEDE 3E TO SPRING BARLEY, OATS OR DURUM WHEAT BEYOND THE 4 LEAF STAGE OR AT A RATE HIGHER THAN 3 PINTS PER ACRE BECAUSE OF THE POSSIBILITY OF CROP INJURY. IN TANK MIX APPLICATIONS OF STAMPEDE 3E AND MCPA DO NOT USE HIGHER DOSAGE RATES OF EITHER PRODUCT THAN RECOMMENDED ON THIS LABEL.

**APPLICATION RATES FOR WEED GROWTH STAGES**

**DOSAGE RATES PER ACRE**

WEEDS CONTROLLED	3 Pints STAMPEDE	TANK MIX*
		3 Pints STAMPEDE + 1/2 PINT MCPA
Pigeongrass	not recommended	2-3 leaf
Wild buckwheat	2-4 leaf	2-4 leaf
Redroot pigweed	2-4 leaf	2-4 leaf
Prostrate pigweed	2-4 leaf	2-4 leaf
Lambsquarters	2-4 leaf	2-4 leaf
Wild mustard	not recommended	2-4 leaf
Kochia	not recommended	2-4 leaf

\*Use 3 pints of STAMPEDE 3E (1.13 pounds active ingredient) per acre tank mixed with 1/2 pint of MCPA isooctyl ester (0.25 pound acid equivalent) per acre

**DOSAGE RATE RECOMMENDATIONS — HARD RED SPRING WHEAT**

For optimum control of pigeongrass in the 2 to 3 LEAF STAGE, STAMPEDE 3E should be applied in a single application at the dosage rate of 3 pints (1.13 pounds active ingredient) per acre tank mixed with MCPA isooctyl ester at 0.25 pound\* acid equivalent per acre. The tank mix rate for STAMPEDE 3E and MCPA will not satisfactorily control pigeongrass in the 4 LEAF STAGE, but will control susceptible broadleaf weeds in the 2 to 4 LEAF STAGE (see chart below).

\*Equivalent to 1/2 pint (8 oz) of a formulation containing 4 pounds MCPA acid equivalent per gallon. See section COMPATIBILITY — STAMPEDE 3E/MCPA TANK MIXES

If early application was not possible and the majority of the pigeongrass has reached the 3 to 4 LEAF STAGE and susceptible broadleaf weeds are in the 4 to 6 LEAF STAGE, apply STAMPEDE 3E alone at the rate of 4 pints (1.5 pounds active ingredient) per acre (see chart below). At this application timing, the crop will normally be in the 3 to 5 LEAF STAGE. Pigeongrass in the 5 LEAF STAGE and beyond will not be satisfactorily controlled at the 4 pint rate.

**CAUTION:** DO NOT APPLY STAMPEDE 3E TO HARD RED SPRING WHEAT BEYOND THE 5 LEAF STAGE OF THE WHEAT OR AT RATES HIGHER THAN 4 PINTS PER ACRE BECAUSE OF THE POSSIBILITY OF CROP INJURY. IN TANK MIX APPLICATIONS OF STAMPEDE 3E AND MCPA DO NOT USE HIGHER DOSAGE RATES OF EITHER PRODUCT THAN RECOMMENDED ABOVE.

**APPLICATION RATES FOR WEED GROWTH STAGES**

**DOSAGE RATES PER ACRE**

WEEDS CONTROLLED	3 Pints STAMPEDE	TANK MIX*	
		3 Pints STAMPEDE + 1/2 PINT MCPA	4 Pints STAMPEDE
Pigeongrass	not recommended	2-3 leaf	3-4 leaf
Wild buckwheat	2-4 leaf	2-4 leaf	4-6 leaf
Redroot pigweed	2-4 leaf	2-4 leaf	4-6 leaf
Prostrate pigweed	2-4 leaf	2-4 leaf	4-6 leaf
Lambsquarters	2-4 leaf	2-4 leaf	4-6 leaf
Wild mustard	not recommended	2-4 leaf	2-4 leaf
Kochia	not recommended	2-4 leaf	2-4 leaf

\*Use 3 pints of STAMPEDE 3E (1.13 pounds active ingredient) per acre tank mixed with 1/2 pint of MCPA isooctyl ester (0.25 pound acid equivalent) per acre

2154

**USE RESTRICTIONS**

Do not apply STAMPEDE 3E to any crops other than spring barley, oats, durum or hard red spring wheat.

Do not mix or apply STAMPEDE 3E with any other pesticide, spray adjuvant or with fertilizer except as specifically recommended on this labeling.

Do not apply STAMPEDE 3E under windy conditions which will allow spray drift to adjacent susceptible crops such as sunflowers, soybeans, sugar beets, potatoes, forage legumes, gardens, orchards, and shelter belts.

DO NOT GRAZE TREATED CROP OR CUT FOR GREEN CHOP FEED.

**MIXING AND EQUIPMENT**

STAMPEDE 3E is an emulsifiable concentrate that mixes readily with water. With agitator running, pour the measured quantity of STAMPEDE 3E into partially filled spray tank and complete filling. Spray water should be clean and 50°F or warmer when mixed. STAMPEDE 3E may be applied with conventional low pressure herbicide sprayers.

**Field Sprayers:** Spra-Coupe, tractor-drawn or truck-mounted ground sprayers

Use flat fan nozzles of sufficient size to provide a minimum of 10 to 12 gallons volume per acre at pressures of not less than 25 p.s.i. or more than 40 p.s.i. Recommended ground speeds are 5 to 8 mph (1st or 2nd gears only) for Spra-Coupe, 4 to 5 mph for tractor-drawn sprayers and 8 to 10 mph for truck-mounted sprayers. Hollow cone or flood-jet nozzles are not recommended on these sprayers.

**Floater:** Big A, Terragator, etc.

Floater equipped with flood-jet nozzles are satisfactory for STAMPEDE 3E application. A minimum of 15 to 20 gallons spray per acre is recommended because of the coarser droplet size produced by the flood-jet nozzles. The nozzles should be no more than 60" apart and of such a size to provide the recommended volume at normal operating speeds of 12 to 15 mph. Pressure should be sufficient to produce proper overlap of spray patterns between nozzles to avoid skips.

**AERIAL APPLICATION**

STAMPEDE 3E can be applied either by fixed wing aircraft or helicopter. Apply STAMPEDE 3E at the recommended dosage and application timing in a minimum of 5 to 10 gallons of water per acre. Aircraft should be equipped with a well designed spray distribution system that is adjusted and operated to provide a uniform pattern of medium sized droplets (400 micron size) distributed over an optimum width swath. Only hollow cone nozzles with cores are recommended for STAMPEDE 3E aerial application. Nozzles should be angled 0° to 20° downward and to the rear depending on air speed. Nozzles should not be placed within 2 to 3 feet of the wing tips of fixed wing aircraft and extras should be placed on the right side of fuselage. Use a spray pump of at least 1 1/2 to 2 inches in diameter and operate at 20 to 50 p.s.i. Application should be made with boom height 6 to 10 feet above crop. The optimum effective spray swath width depends on operating conditions and type of aircraft being used. For uniform spray coverage with fixed wing aircraft do not exceed a spray swath width 10% greater than the wingspan or the length of the boom in helicopters. Measure the swaths accurately for flagging.

**CAUTION:** DO NOT APPLY STAMPEDE 3E IN AERIAL APPLICATIONS WITHIN 600 FEET OF ANY PERMANENT BODY OF WATER OR WHEN WIND SPEED EXCEEDS 10 MPH

## CALIBRATION

Sprayers should be checked carefully for pressure, ground speed, and uniformity of spray pattern, and calibrated accurately for spray volume. Replace any worn nozzles.

## CLEANING SPRAYERS

Drain and flush spray tank and lines thoroughly before mixing STAMPEDE 3E. Repeat this procedure at the end of each day's spraying and before changing to or from another pesticide. This cleaning operation of tank and lines is especially important if insecticides, such as SEVIN, or any of the organophosphorus insecticides are used in the sprayer prior to or after STAMPEDE 3E. Interaction of these insecticides and STAMPEDE 3E can injure the crop severely. See section COMPATIBILITY WITH OTHER CHEMICALS.

## CROP TOLERANCE AND GROWING CONDITIONS

STAMPEDE 3E causes temporary yellowing or tip browning to the grain crop 2 to 5 days after application. The effects are temporary and usually will disappear 10 to 14 days after application. New leaves will have normal green color. Application of STAMPEDE 3E under adverse growing conditions may result in greater crop injury and slower recovery. Care should be taken not to spray STAMPEDE 3E on grain crops that are under growth stress caused by drought, flooding, excess soil salts, hail damage, or extreme temperatures. Do not apply STAMPEDE 3E if frost is expected within 24 hours or when temperatures are above 85°F, especially with drying winds.

## EFFECT OF CLIMATIC CONDITIONS AND CULTURAL PRACTICES ON WEED CONTROL

### Field and Seed Bed Preparation

Fields under conventional tillage should have well prepared seed beds, free of large clods, to encourage more uniform and rapid emergence of the crop. Pigeongrass and broadleaf weeds. This permits better timing of STAMPEDE 3E sprays. In no till grain fields, pigeongrass and other weeds may emerge rapidly and very thickly because of the firm seed bed. Monitoring of no-till fields should begin early to assure proper timing of STAMPEDE 3E sprays.

### Soil Moisture and Rainfall

Weed control with STAMPEDE 3E is strongly influenced by soil moisture. Weed control and crop tolerance is best when adequate moisture is available for active weed and crop growth. The performance of STAMPEDE 3E is reduced substantially during periods of prolonged dry weather. STAMPEDE 3E IS NOT RECOMMENDED FOR USE WHEN SOIL MOISTURE LEVELS ARE DEEPER THAN 1 1/4 INCHES FROM THE SOIL SURFACE AND ACTIVE PLANT GROWTH STOPS.

STAMPEDE 3E enters the leaf rapidly. Spraying of weeds at the correct stage should not be postponed even if showery weather is expected, however, a heavy rain of 1 inch or more, within 4 hours after application, may reduce control. Fields may be sprayed when the plants are dry or wet with dew or rain.

### Temperature

Providing soil moisture is not a limiting factor, the herbicidal activity and uptake of STAMPEDE 3E improves as daily maximum temperatures increase. STAMPEDE 3E provides the best weed control when the daily maximum temperatures are 65°F, and above. Do not apply STAMPEDE 3E when the daily maximum temperatures will remain below 50°F or when they are expected to go higher than 85°F.

## COMPATIBILITY — STAMPEDE 3E/MCPA TANK MIXES

MCPA (isooctyl) ester products known to be compatible with STAMPEDE 3E in tank mix applications are AGSCO MXL (4 lbs./gal.) and RHONOX (4 lbs./gal.). Other brands of MCPA (isooctyl) ester formulations can be tank mixed with STAMPEDE 3E provided that they are physically compatible in the spray tank and they are used at the dosage rate recommended on the STAMPEDE 3E label.

**CAUTION: ONLY ISOOCTYL ESTER FORMULATIONS OF MCPA ARE RECOMMENDED FOR USE IN TANK MIX APPLICATIONS WITH STAMPEDE 3E.**

Label cautions for use of all formulations of MCPA (isooctyl) ester should be strictly followed.

MXL™ is a trademark of AGSCO, INC.

RHONOX™ is a trademark of RHONE-POULENC, Inc.

## COMPATIBILITY WITH OTHER CHEMICALS

### Foliar Applied Chemicals

If another herbicide is required, for example, a postemergence wild oat herbicide, a 3 day interval should be allowed between the application of STAMPEDE 3E and the other herbicide.

Severe injury or kill of spring barley, oats or wheat plants may result from tank mix or separate applications of STAMPEDE 3E and certain insecticides. Grain crops which have been or will be treated with STAMPEDE 3E should not be treated with carbamate insecticides such as carbaryl (Sevin, etc.), carbonyl (Lannate, Hudrin, etc.) or organophosphorus insecticides such as methyl parathion, Guthion, etc.

If a foliar insecticide is necessary, malathion or toxaphene can be safely applied 14 days before or after the STAMPEDE 3E treatment.

### Soil Applied Chemicals

Do not spray spring barley, oats or wheat with STAMPEDE 3E if the field was treated with soil applied systemic organophosphorus insecticides (Disyston, Thimet, Counter, etc.) the previous year as used for potatoes or sugar beets.

Do not spray STAMPEDE 3E on spring barley, oats or wheat that has been treated at planting time with soil applied systemic insecticide for Hessian Fly control, i.e., Thimet, Disyston, Furadan, etc.

Grain crops protected with maneb/lindane seed dressings may be treated with STAMPEDE 3E.

## CONDITIONS OF SALE AND WARRANTY

Rhone and Haas warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. RHONE AND HAAS MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Handling, storage and use of the product by Buyer or User are beyond the control of Rhone and Haas and Seller. Risks such as crop injury, ineffectiveness or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property or failure to follow label directions will be assumed by the Buyer or User. IN NO CASE WILL RHONE AND HAAS OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

