

42750-24

6/20/2002

**ACCEPTED**

JUN 20 2002

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 42750-24

1/8

**ALBAUGH  
MCPA SODIUM SALT**

**HERBICIDE FOR SELECTIVE CONTROL OF CERTAIN WEEDS  
IN WHEAT, OATS, BARLEY, RYE, RICE IN CALIFORNIA, PEAS, SEED FLAX,  
ESTABLISHED GRASSLANDS AND NON-CROP AREAS**

**ACTIVE INGREDIENT:**

Sodium salt of 2-methyl-4-chlorophenoxyacetic acid\* ..... 22.25%

**OTHER INGREDIENTS:**..... 77.75%

**TOTAL** 100.00%

\*Equivalent to 20.06% of 2-methyl-4-chlorophenoxyacetic acid isomer specific or not less than 1.86 pounds of 2-methyl-4-chlorophenoxyacetic acid isomer specific per gallon at 68°F. Isomer specific by AOAC Method.

EPA Reg. No. 42750-24

EPA Est. No. 42750-MO-1

**KEEP OUT OF REACH OF CHILDREN  
DANGER - PELIGRO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

**STATEMENT OF PRACTICAL TREATMENT**

~~IF SWALLOWED:~~ Call a physician or poison control center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

~~IF ON SKIN:~~ Wash with plenty of soap and water. Get medical attention if irritation persists.

~~IF IN EYES:~~ Flush with plenty of water for at least 30 minutes. Get medical attention.

<b>FIRST AID</b>	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

2 <sup>2</sup>/<sub>8</sub>

**HOT LINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

See left side panel for additional Precautionary Statements.

**Manufactured By:**  
**Albaugh, Inc.**  
**Ankeny, Iowa 50021**

**NET CONTENTS**  
\_\_\_\_ Gals.  
\_\_\_\_ Liters

**FOR CHEMICAL SPILL, LEAK, FIRE, OR EXPOSURE,  
CALL CHEMTREC (800) 424-9300**

**PRECAUTIONARY STATEMENTS**

**DANGER**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Corrosive. Causes eye damage. Causes skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Do not breathe vapors or spray mist.

**PERSONAL PROTECTIVE EQUIPMENT**

Applicators and other handlers must wear long-sleeved shirt and long pants, ~~waterproof gloves~~ chemical resistant gloves Category A, shoes plus socks, protective eyewear, and chemical-resistant headgear for overhead exposure.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS**

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

Drift or run-off may adversely affect nontarget plants. ~~For terrestrial uses, do not apply~~ Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from target area.

Spray equipment used in applying this product should be thoroughly cleaned before using for any other purposes. Use repeated flushing with soap and warm water or suitable chemical cleaner. It is best to use a separate sprayer for application of insecticides and fungicides.

This product will kill or seriously injure many desirable forms of vegetation. Do not apply directly to flowers, fruits, vegetables, grapes, ornamentals, cotton or other desirable plants. Do not use when there is a hazard from drifting mists. (Coarse sprays are less likely to drift.) Vapors from this product may injure susceptible plants in the immediate vicinity.

Avoid contamination of water used for domestic purposes and irrigation purposes. Excessive amounts of this product in the soil may temporarily inhibit seed germination and plant growth.

Most cases of groundwater contamination involving phenoxy herbicides such as MCPA have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPA pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

### PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, ~~waterproof gloves~~ chemical resistant gloves Category A, shoes plus socks, protective eyewear, and chemical-resistant headgear for overhead exposure.

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter treated areas without protective clothing until sprays have dried.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**STORAGE**

Store in a dry location away from children, animals, foods, feeds, seeds and other agricultural chemicals. Keep container closed when not using. Do not allow water into container as this may cause deterioration of product. Handle in accordance with information given under "Precautionary Statements." Keep storage area locked when not in use. In the event of spillage or leakage, soak up material with absorbent clay, sand, sawdust or other absorbent material. Scrape up and dispose of in accordance with information given under "Pesticide Disposal." Repackage and relabel usable product in a sound container.

**DISPOSAL**

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate 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**

**METAL CONTAINERS** - 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.

**PLASTIC CONTAINERS** - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**GENERAL INFORMATION**

Sodium Salt of MCPA is a very slow-acting systemic herbicide. This property allows the chemical to translocate into the root system before the tops are killed. Other chemicals do not kill this slowly. This results in effective control without sterilizing the soil. MCPA is recommended to control certain weeds in small grains (underseeded with mixed legumes), rice in California, peas, seed flax, grasslands and pastures, lawns and turf, grasses grown for seed and non-crop areas. Do not forage or graze meat animals on treated areas within seven days of slaughter.

Do not apply this product through any type of irrigation system.

This product is recommended to control the following as well as many other noxious plants susceptible to MCPA.

#### SUSCEPTIBLE WEEDS

Cocklebur	Mint	Shepherdspurse
Dragonhead	Pepperweed (field)	Stinkweed
Goatsbeard	Puncturevine	Wild radish
Lambsquarters	Purslane	Wintercress
Marshelder	Ragweed	Yellow rocket

#### LESS SUSCEPTIBLE WEEDS

Arrowhead	Pigweed	Sowthistle
Bulrush	Plantain	Stinging nettle
Burhead	Redstem	Sunflower
Buttercup	Russian pigweed	Vetch
Canada thistle	Russian thistle	Waterhyssop
Dandelion	Sedge	Waterplantain
Hempnettle	Silverleaf	Whitetop
Kochia	nightshade	(hoary cress)

**NOTE:** Local conditions, crop varieties and application regulations vary and may affect use of this herbicide. Consult local Agricultural Experiment Station or Extension Service Weed Specialists and state regulatory agencies for recommendations in your area.

**NOTE:** When stored at temperatures below freezing, it may be necessary to warm contents to 45°F and mix thoroughly before using.

#### RECOMMENDATIONS FOR USE

**PREPARATION OF THE SPRAY:** For aerial application, use 5 to 10 gallons of water per acre. For ground application, use a conventional low pressure, low volume sprayer that delivers 5 to 40 gallons of water per acre, except when otherwise directed under specific crops. When diluting, the material must be mixed thoroughly before using. If the material is allowed to stand for any length of time after dilution, it should be stirred again before using. Do not apply MCPA Sodium Salt with nozzles that produce a fine spray. When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources.

**PEAS - Apply 1/2 to 1-1/2 pints in 20 to 60 gallons of water per acre. For aerial application, use 10 gallons total spray solution per acre. Spray annual weeds soon after they emerge and before they are 3 inches tall. Do not apply later than 3 nodes before first pea flowering. Do not spray peas that are stressed from lack of moisture. Do not use when temperature is over 90°F. Before using, consult State Extension Service or cannery company field men for varietal differences to these recommendations.**

~~RICE IN CALIFORNIA - MCPA can be used to replace 2,4-D in weed spraying programs. Follow state and local spraying regulations and recommendations. Observe the same precautions against drift onto cotton and other susceptible crops as for 2,4-D spraying. Treated effluent waters may be harmful to fish and other aquatic life. Apply 3 to 5 pints per acre in sufficient water (10 to 30 gallons) to give coverage. Use lower rate where arrowhead, waterplantain and redstem are the only weeds. Use the 5 pint rate where sedge and bulrush are also present. Make application only where weeds are present and where rice is well established, 6 to 8 inches above water, no sooner than 35 and not later than 65 days after seeding or when crop stems begin to elongate. Water should not be less than 2 to 3 inches deep at shallowest point. Do not spray after rice is in boot stage or when temperatures are over 90°F. Do not grow crayfish or catfish in treated rice fields.~~

**SMALL GRAINS: Wheat, Oats, Barley and Rye** - Apply as a water mix spray by ground sprayer or airplane. Use 1/2 to 1 pint per acre for the more susceptible weeds after crop has reached the 3 to 4 leaf stage up to boot stage. Use up to 3 pints per acre for the less susceptible weeds after crop has tillered and up to early boot stage. Do not forage or graze meat animals on treated areas within 7 days of slaughter.

**WHEAT AND BARLEY** - Apply 6 pints per acre when weeds are approaching bud stage, but do not spray grain in the boot to dough stage. The 6 pint (1.5 pounds acid equivalent) per acre application of any MCPA product can produce injury to wheat and barley. Balance the severity of your weed problem against the possibility of crop damage. Where perennial weeds are scattered, spot treatment is suggested to minimize the extent of crop injury. Treat in the spring when grain is fully tillered and 8 to 10 inches tall.

**SMALL GRAINS: Underseeded with Alfalfa, Lespedeza, Red and White Clover** - For emergency control of serious infestations of Mustard, Yellow Rocket and other susceptible broadleaf weeds, apply 1/2 to 1 pint in not more than 5 to 10 gallons of water per acre. Make application after cereal is well tillered (4 to 8 inches tall) and before reaching boot stage. The nurse crop and weeds should provide a protecting canopy which, together with the use of low gallonage applied at low pressure, will reduce the risk of damage to the legumes. Do not apply to small grains underseeded with Vetch or Sweet Clover, which are very susceptible. There is also some risk to other legumes if only thinly protected by a canopy.

SEED FLAX - Where 2 to 3 ounces of MCPA acid equivalent per acre is recommended for susceptible weeds, use 1/2 to 1 pint MCPA Sodium Salt per acre in at least 15 to 20 gallons of water. Apply when all weeds are up and flax has at least 3 to 4 leaves, or is 3 to 4 inches tall, and before flax comes into bud. Treatment after early bud stage may result in severe damage. For moderately resistant weeds, spot spraying with a heavier rate may be necessary. Use 1-1/4 to 1-1/2 pints per acre to prevent seed production by Canada Thistle. Do not spray flax underseeded with legumes without first consulting local weed specialists. Do not forage or graze meat animals on treated areas within seven days of slaughter.

**ESTABLISHED GRASSLANDS AND PASTURES** - Use 2 to 6 pints per acre in sufficient water (10 to 100 gallons) to give thorough coverage. Use higher rate for White Top, Canada

Thistle and other less easy-to-kill weeds; spray perennials in early bud to full bloom stage and regrowth in fall. Other weeds in spring or fall.

~~ESTABLISHED LAWNS AND TURF~~—Use 2 fluid ounces in 3 to 5 gallons of water; apply uniformly over 1,000 sq. ft. On larger areas, use 2 to 6 pints per acre in 10 to 100 gallons of water. Apply in spring or fall for best results. Do not mow within 2 days before or after application.

**GRASSES GROWN FOR SEED** - Use 2 to 4 pints per acre in sufficient water to give adequate coverage. Use higher rate where weed stands are heavy. In established grasses, apply in spring before head comes into boot and on seedling grass after grass has tillered. **NOTE:** In weed control in grasses, repeat treatment may be needed for less susceptible weeds. White Clover and other legumes may be temporarily injured or killed. In some areas, Dichondra, Bent, Buffalo, Carpet and St. Augustine grasses may also be injured by the treatment.

**NON-CROP SPRAYING: Canada Thistle, White Top, Meadow Buttercup, Field Bindweed (Morningglory)** - For spot treatment on fence rows, rights-of-way, equipment yards and similar areas, use 1/2 pint in 3 to 4 gallons of water, or 1-1/2 gallons of MCPA Sodium Salt per acre in sufficient water to give coverage, and spray to wet weeds thoroughly when in bud to early bloom and again on fall regrowth. Do not forage or graze meat animals on treated areas within seven days of slaughter.

**CONDITIONS OF SALE AND WARRANTY**

The DIRECTIONS FOR USE of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of ALBAUGH, INC. or the Seller. All such risks shall be assumed by the Buyer.

ALBAUGH, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. ALBAUGH, INC. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OF HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF OR

**THE REPAYMENT OF THE PURCHASE PRICE FOR THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED.** When Buyer suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), Buyer must promptly notify Seller in writing of any claims to be eligible to receive either remedy stated above. **IN NO CASE SHALL ALBAUGH, INC. OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.** ALBAUGH, INC. and the Seller offer this product, and the Buyer accepts it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of ALBAUGH, INC. No employee or agent of ALBAUGH, INC. or the Seller is authorized to vary or exceed the terms of this Warranty in any other manner.

**CONDITION OF SALE, WARRANTY, LIMITATION OF LIABILITY**

~~This product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with directions under normal use conditions. Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage, or handling of this material not in strict accordance with directions given herewith. In no case shall the seller be liable for consequential, special, or indirect damages such as loss of profits or values resulting from the use or handling of this product.~~