

10-21

10-16-31

**4 POUND FORMULATION**  
**2,4-D ALKANOAMINE 4 LB.**

Contains 4 Pounds of 2,4-D Equivalent per Gallon...

ACTIVE INGREDIENTS: ... 2,4-Dichlorophenoxyacetic acid Equivalent 2.5	83.0
INERT INGREDIENTS: ...	16.5
	100.0

\*2,4-Dichlorophenoxyacetic Acid Equivalent 2.5

**CAUTION: KEEP OUT OF REACH OF CHILDREN.**  
**SEE SIDE PANELS FOR OTHER CAUTIONS.**  
U. S. D. A. REG. NO. 100-296

**TIME OF APPLICATION:** Best results are obtained when 4 POUND ALKANOAMINE is used on weeds that are young and in rapid growing condition. Applications at lower rates to susceptible annual weeds, will be satisfactory, but for perennial weeds and other conditions where weed kill is difficult, use higher rates. When used as a selective spray on crops, the stage of growth of the crop must be considered. Some woody plants and weeds are hard to kill and repeat applications may be necessary.

**SMALL GRAIN CROPS (Wheat, Oats, Barley, Etc):** Apply 4 POUND ALKANOAMINE at the rate of 1 to 1 1/2 pints per acre on small grains when fully tillered or stooled (6 to 8 inches tall) but before head emerges from the boot. Injury will be likely to occur if this product is applied earlier than "tiller" or later than "boot". Do not use on grains undersown with legumes such as alfalfa or clovers, except where some legume injury can be tolerated. Do not apply when grain is headed. Do not forage or graze treated grain fields within 2 weeks after treatment with 2,4-D. Do not feed treated straw to livestock.

**AERIAL APPLICATION:** Use 4 POUND ALKANOAMINE at the rate of 1 to 1 1/2 pints in 1 to 10 gallons of water per acre.

**CORN: PRE-EMERGENCE** Use 4 POUND ALKANOAMINE at the rate of 2 to 3 pints per acre in sufficient water for uniform coverage. Best results are obtained when applied 3 to 5 days after planting, but before corn emerges. Do not apply to light sandy soils, or when moisture is low.

**POST-EMERGENCE:** Apply at the rate of 1 pint per acre. When spraying corn above 12 inches in height use nozzle extension ("Corn drops") directing the spray down the base of the corn plants. Do not apply from tasseling to dough stage. ~~Use drop nozzles when crop is over 12 inches high.~~

**SORGHUM: POST-EMERGENCE:** Use spray at the rate of 1 pint per acre on plants 6 to 12 inches high when secondary roots are well established. Do not apply from tasseling to dough stage. Use drop nozzles when crop is over 10 inches high.

**SUGAR CANE:** Apply at the rate of 2 to 4 pints per acre as a spring treatment, and/or at layby.

**PASTURES:** To control many broadleaved weeds in pastures, meadows, and rangelands, use 2 to 4 pints of 4 POUND ALKANOAMINE per acre in sufficient water to provide for uniform application. Use the higher rate where perennial broadleaf weeds are the major problem. Treat pastures when weeds are growing actively. Do not apply to recently seeded pastures until grass is well established. Most legumes are usually injured or killed at the rates recommended.

**LAWN AND GOLF COURSES:** Apply 2 to 3 pints of 4 POUND ALKANOAMINE per acre in sufficient

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10-21 10-16-31

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water to obtain uniform coverage. Do not apply to bent grasses or to freshly seeded turf until grasses have become well established. Most clovers are usually injured or killed.

FOR TREATING SMALL AREAS: One tablespoonful of this product in 1 1/2 gallons of water is about equal to one quart in 100 gallons of water.

CENTRAL WEED CONTROL: On vacant lots, roadsides, and along fence rows use 2 to 3 quarts of 4-PENNY ALKANOAMINE in 100 gallons of water per acre. Thoroughly wet all foliage to run-off.

NOTE: When stored at temperatures below freezing it may be necessary to warm up to at least 40 degrees F. and shake thoroughly before using.

CENTRAL INFORMATION

4-PENNY ALKANOAMINE is recommended for controlling Broodhead, Dandelion, Dock, Henbit, Goldenrod, Lambsquarters, Nicotiana, Pappasgrass, Pigweed, Plantain, Ragweed, Shepherdspurse, Thistle, Wild Carrot, Wild Morning Glory, Wild Radish and many other 2,4-D susceptible broadleaf weeds in crops. This product also can be used on lawns, golf courses, parks, along highways, vacant lots, and other areas without injury to most grasses. } 707

PREPARATION OF THE SPRAY: Fill the spray tank with half of the required amount of water, then add the recommended amount of 4-PENNY ALKANOAMINE with agitation and continue filling the spray tank with water. Use enough water per acre to give uniform coverage. The amount of water required for low volume applications may vary from 5 to 25 gallons per acre. For high volume applications 100 gallons, or more, of water will be needed for good coverage. In any case, use the same amount of 2,4-D recommended per acre.

CAUTION: Care must be used to prevent spray drift from coming into direct contact with vegetables, flowers, grapes, fruit trees, ornamentals, cotton, or other desirable plants sensitive to 2,4-D. Coarse sprays are less likely to drift.

- DO NOT contaminate irrigation ditches or water used for domestic purposes.
- DO NOT use the same spray equipment for applying other materials to plants, as injury may result.
- DO NOT store near fertilizers, seeds, insecticides, or fungicides.
- DO NOT take internally. Avoid contact with skin, eyes, or clothing.

This product is licensed under one or more of the following United States Patents: 2,390,941, 2,394,916, 2,396,513, 2,412,510, 2,453,933, 2,472,347, Reg. 23,115.

NON-WARRANTY: Seller makes no warranty of any kind, expressed or implied, concerning the use of this product. Buyer assumes all risks of use or handling, whether in accordance with directions or not.

NET CONTENTS:

MANUFACTURED BY: WASATCH CHEMICAL COMPANY  
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SALT LAKE CITY, UTAH  
84106

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