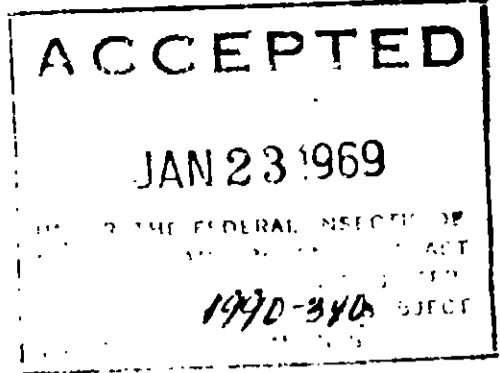




Herban-MSMA-Surfactant



ACTIVE INGREDIENTS:

% By Weight

Norea (3-hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea)* 13.4

Related Reaction Products 0.7

Monosodium Acid Methanesulfonate 29.1

INERT INGREDIENTS: 56.8

TOTAL 100.0

*U. S. Patent No. 3,304,167

Each gallon contains 1.6 pounds norea and related reaction products and 3.3 pounds MSMA. Total water soluble elemental arsenic content is 13.3 percent.

CAUTION: KEEP OUT OF REACH OF CHILDREN.
Read back panel for use instructions and handling precautions.

Shake Well Before Sampling or Using.

Directions For Use - Equipment

A sprayer designed for low-volume application is recommended. Do not use strainers finer than 50 mesh. The spray mixture must be agitated to maintain a uniform spray concentration. By-pass agitation is satisfactory.

Application of the Spray

30 to 40 gallons of spray broadcast rate per acre are required to ensure thorough uniform coverage of weeds. Use a proportional amount for band treatment depending on band width treated. Apply as directed spray to weeds. Keep off cotton foliage.

Mixing the Spray

Shake well before mixing. Add about one-half of the total volume of water to the tank. Start the pump to provide agitation, and pour in the desired amount of herbicide concentrate. Rinse herbicide containers into spray tank. Add water to make the total desired volume.

Pre-Bloom, Post-Emergence Weed Control in Cotton

For broad spectrum post-emergence weed control, the Herban-MSMA-Surfactant mix may be used to control Johnson grass, Goose-grass, Nutgrass (Coco), Colorado grass (Hurrah grass), Barnyard grass (Water grass), Crabgrass, Morning glory, Cocklebur, Pig-wee, Purslane, Coffee Weed, Florida pusley, Smartweed, Poverty weed, and Carpetweed.

Rate

Use 0.5 gallon broadcast rate in 30 to 40 gallons of water per acre. If band application is used, apply a proportional amount of the mixture. For example, on a 14" band (40" row spacing) use 1/4 to 1/2 gallons of spray mixture per acre of crop. Applications should be made to weeds when cotton is 3 inches high and until first bloom. Do not apply this mixture after the first bloom opens. Thoroughly wet stems and foliage of weeds. Nozzles should be arranged so as to avoid spraying the cotton foliage, but also to give maximum coverage of weeds and grasses. Make a second application at the same rate 5 to 7 days after the first. Do not add additional wetting agent to the spray mixture.

CAUTION: Do not graze treated areas or feed livestock treated forage. Do not use this mixture for any purpose or in any manner not given on this label, as to do so may result in unlawful residues. **CAUTION:** HARMFUL IF SWALLOWED. Avoid contact with skin or prolonged breathing of spray mist. Wash hands after using. **ANTIDOTE:** If taken internally, induce vomiting, and call a physician at once.

PRECAUTIONS

Following Crops - Herban is gradually destroyed in the soil. However, crops other than cotton, sorghum, seed spinach, sugar cane, or tolerant ornamentals should not be planted sooner than 5 months after treatment of soil with Herban to avoid the possibility of crop injury.

Accurate Dosage - Calibrate equipment and double-check calculations and measurements for preparation of spray liquid. Shut off spray when turning, stopping, or slowing tractor.

Prevent Injury to Other Crops or Plants - Do not use Herban-MSMA on or near lawns, flowers, or other desirable plants. Prevent the drift of spray to other areas. Do not contaminate water in irrigation ditches or domestic water supplies. Do not store Herban-MSMA in contact with fertilizers, seeds, insecticides, or fungicides.

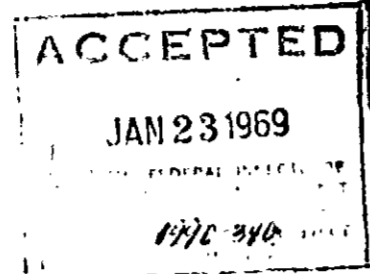
Cleaning Sprayer - Flush all parts of sprayer with several charges of fresh water promptly after job is finished. Parts such as nozzle tips and screens should first be removed and washed separately.

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Rate

Use 0.5 gallon broadcast rate in 30 to 40 gallons of water per acre. If band application is used, apply a proportional amount of the mixture. For example, on a 14" band (40" row spacing) use 10 to 14 gallons of spray mixture per acre of crop. Applications should be made to weeds when cotton is 3 inches high and until first bloom. Do not apply this mixture after the first bloom opens. Thoroughly wet stems and foliage of weeds. Nozzles should be arranged so as to avoid spraying the cotton foliage, but also to give maximum coverage of weeds and grasses. Make a second application at the same rate 5 to 7 days after the first. Do not add additional wetting agent to the spray mixture.

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Cleaning Sprayer - Flush all parts of sprayer with several charges of fresh water promptly after job is finished. Parts such as nozzle tips and screens should first be removed and washed separately.

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Keep Clean - Avoid contact with skin. Wash up when job is finished. Do not get in eyes.

Destroy Container - Do not reuse for any other purpose.

KEEP OUT OF REACH OF CHILDREN.

NONWARRANTY

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

USDA Registration No. 1990-

Net Contents _____

Distributed By

FARMLAND INDUSTRIES
Kansas City, Missouri 64116

