

Code 18-1241

NET CONTENTS 3 POUNDS



HERBAN 21A

ACCEPTED
1001 5 lbs
1990-331

® REGISTERED TRADEMARK
OF HERCULES INCORPORATED.

**For Pre-emergence Weed Control in Sorghum
WETTABLE POWDER**

ACTIVE INGREDIENTS:	% By Weight
Norea (3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea)*	50.67
Reaction Products Related to Norea	2.66
Atrazine (2-chloro-4-ethylamino-6-isopropylamino-s-triazine)	26.67
INERT INGREDIENTS:	20.00
TOTAL	100.00

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

U.S.D.A. Registration No. 1990-331

CAUTION:

KEEP OUT OF REACH OF CHILDREN.

Harmful if swallowed. Avoid inhalation of dust. Avoid contamination of feed and foodstuffs. Read back label for use directions and additional handling precautions. Keep clear. Avoid contact with skin. Do not get in eye. Wash thoroughly if on face.

GENERAL INFORMATION:

Herban 21A will control susceptible weeds in sorghum when applied according to directions. Because Herban 21A kills germinating weeds only after root absorption, rain or sprinkler irrigation is needed for good results. Best results are achieved when this happens within a week or two after application.

WEED CONTROL:

Herban 21A controls annual weeds and grasses such as Barnyard grass, Foxtail, Goosegrass, Brachiaria, Colorado grass (Hairy grass), Panicum (summer and fall), Crabgrass, Pigweed, Lamb-quarter, Morning glory, Cocklebur, Purslane, Chickweed and Florida Pusley. Weeds of intermediate susceptibility, particularly at lower rates, are Ragweed, Jimson-weed, Velvet leaf and Smartweed. Control of deep-germinating Morning glory and Cocklebur requires good rainfall or sprinkler irrigation to move the herbicide to their roots.

Herban 21A will not control perennial weeds such as Johnson-grass, Russian knapweed, or field bindweed.

DIRECTIONS FOR USE:

Equipment: Ground Applicator—A sprayer designed for low volume applications is recommended. Strainers finer than 50 mesh should not be used. This formulation is a wettable powder, and the spray mixture must be constantly agitated. By-pass agitation is satisfactory with the pump maintaining pressure of 30-60 pounds. For pre-emergence band applications use nozzle tips giving flat, nontapered spray pattern.

Recommended spray volumes are 15-20 gallons per acre for pre-emergence broadcast applications. Use proportional amounts for band applications.

HOW TO MIX THE SPRAY:

Thoroughly slurry or mix Herban 21A with water before putting it in the spray tank. Use about one gallon of water for each pound of herbicide. Fill spray tank with about half the total volume of water. Start pump to provide agitation then pour and rinse slurried Herban 21A into the spray tank. Add additional water to tank. Add additional water to tank to desired volume with pump circulating the mixture.

PRE-EMERGENCE WEED CONTROL IN SORGHUM:

Apply Herban 21A to soil surface, either broadcast or as a band treatment at time of planting or before weeds or sorghum emerge. Use on loam, clay loam, clay, heavy or dark prairie soils, or soils with medium to high organic content. On sandy loam or loam soils with low organic content use Herban or Herban 21A. Apply 2.0 to 3.75 pounds of Herban 21A wettable powder broadcast or as a band. Use a proportional amount for band treatment, depending on width of band.

Notes: Under certain rainfall conditions, injury from these herbicides may occur and risk must be assumed by the user. Do not apply Herban 21A on sandy soils, leassy sands, or deep sands.

CAUTION: Do not graze or feed forage within 60 days after application of Herban 21A.

PRECAUTIONS:

Following Crops — Herban 21A is gradually destroyed in the soil. However, crops other than corn, sorghum, or sugar cane should not be planted sooner than 18 months after treatment of soil with Herban 21A to avoid the possibility of crop injury. Corn should not be planted sooner than 5 months after application.

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 21A 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 21A 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.

Destroy Bag — Destroy bag by burning. Do not re-use for any other purpose.

NON-WARRANTY:

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

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FARMLAND INDUSTRIES
1960

1990-331

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