

CODE
2734

HERBAN**62

HERBAN* MSMA - SURFACTANT
COTTON HERBICIDE
USDA REG. NO. 279-2616

ACTIVE INGREDIENTS:

Norea (3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea) *	13.1%
Related Reaction Products	10.7%
Monosodium Acid Methanearsonate	28.6%
INERT INGREDIENTS:	57.6%
	100.0%

*U.S. Patent Applied For

Each gallon contains 1.6 pounds norea and related reaction products and 3.3 pounds MSMA. Elemental arsenic content is 13.3 per cent, all in water soluble form.

CAUTION — KEEP OUT OF REACH OF CHILDREN

See Antidote statement and other required warning statements on the side panel.

**Herban is a registered trademark of Hercules, Incorporated.



NIAGARA CHEMICAL DIVISION
FMC CORPORATION
MIDDLEPORT NEW YORK



1 GAL.
NET

ACCEPTED

May 27, 1968

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND FUNGICIDE ACT
AS AMENDED
EPA REG. NO. 279-2616

ANTIDOTE: If taken internally induce vomiting and call a physician at once. Harmful if swallowed. Avoid contact with skin. Avoid breathing spray mist. Wash hands after using. Do not get in eyes.

Do not graze treated areas or feed livestock treated forage. Avoid storage near food and feed products. Keep away from children and domestic animals. Keep children and domestic animals off treated areas until washed into soil.

USAGE CAUTION: FOLLOWING CROPS —HERBAN 62 is gradually destroyed in the soil. However, crops other than cotton, sorghum or sugar cane should not be planted sooner than 5 months after treatment of soil to avoid the possibility of crop injury. Keep spray off cotton foliage.

ACCURATE DOSAGE — Calibrate equipment and double-check calculations and measurements for preparations of spray liquid. Shut off spray when turning, stopping, or slowing tractor.

PREVENT INJURY TO OTHER CROPS OR PLANTS — Do not use HERBAN 62 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 62 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.

DO NOT USE IN UNDILUTED FORM.

KEEP CONTAINER CLOSED. LEAKING PACKAGES SHOULD BE REMOVED TO A SAFE PLACE.

DO NOT STORE BELOW 0°F.

Directions For Use

SHAKE WELL BEFORE USING OR SAMPLING

HERBAN 62 is a broad spectrum post-emergence herbicide for use in cotton. It may be used to control Johnson grass, Goose-grass, Nut grass (Coco), Colorado grass (Harrah grass), Barnyard grass (Water grass), Crabgrass, Morning glory, Cocklebur, Pigweed, Purslane, Coffee weed, Florida pusley, Smartweed; Poverty weed and Carpetweed.

To mix 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 total desired volume. 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.

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RATES: 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 blooms open. 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 7 days after the first. Do not add additional wetting agent to the spray mixture.

Apply as a directed spray to the weeds with ground sprayer equipment.

DISPOSAL WARNING: Do not re-use the container. Completely empty the contents and bury the unused chemical at least 18 inches deep in an isolated location away from water supplies.

Break the container and bury the pieces at least 18 inches deep in an isolated location away from water supplies.

Dealers Should Sell in Original Packages Only

USAGE CAUTION: DO NOT ALLOW THIS MATERIAL TO DRIFT ONTO NEIGHBORING CROP OR NON-CROP AREAS OR USE IN A MANNER OR AT A TIME OTHER THAN IN ACCORDANCE WITH DIRECTIONS, BECAUSE PLANT INJURY, EXCESSIVE RESIDUES OR OTHER UNDESIRABLE RESULTS MAY OCCUR.

TERMS OF SALE OR USE: On purchase or use of this product buyer and user agree to the following conditions:

WARRANTY: Niagara warrants that this product, as of the time of sale by Niagara, (1) conforms to the ingredient statement on the label, and (2) is reasonably fit for the purposes set forth in the Directions for Use. EXCEPT AS SO WARRANTED THE PRODUCT IS SOLD AS IS. NIAGARA MAKES NO OTHER WARRANTY EXPRESS OR IMPLIED.

DAMAGES: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages. Notice of any claim must be reported to Niagara within 10 days of discovery by buyer or user, failing which buyer or user waives any claim for such damage.

EXCUSE FROM NON — CONTROLLABLE CONDITIONS: Because of certain critical conditions created or incurred by buyer or user or over which Niagara has no control, buyer and user, as a condition of purchase or use, assume responsibility for and release Niagara from, liability arising out of the handling or use of the product attributable to such causes. No person is authorized to vary or waive any statement contained herein.

REC'D
May 27, 1968
UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND MITICIDE ACT
ECONOMIC POISON REGISTRY
EPA REG. NO. 279-2116