

READ ENTIRE LABEL BEFORE USING THIS PRODUCT

DIRECTIONS FOR USE

**COTTON:** SUPER MERGE 3 is useful as a directed application in cotton for post-emergent control of weeds and grasses, such as Johnsongrass, crabgrass, nutgrass, dallisgrass, cocklebur, barnyardgrass, ragweed, sandbur and puncture vine. It should be applied at the rate of 1/2 gallon per acre.

Mix 1 gallon of SUPER MERGE 3 in 30 gallons of water. Do not add any surfactant to the spray solution. Apply spray solution at 10 gallons per acre with an efficient low volume sprayer. Weed control is most effective at temperatures above 70° F. For band application in 40 inch rows, apply 1 quart of spray solution per inch of band width per acre. Direct the spray solution to the base of the cotton plant. Nozzles should be placed so as to avoid spraying the cotton foliage. A second application may be required during humid growing conditions to control perennials, such as Johnsongrass and nutsedge. Apply the second application 1 to 3 weeks later.

**Preplant application**—If planting of cotton has been delayed and weeds have emerged, use 1 preplant application. Cotton may be planted immediately following the preplant application.

Slight burning and a reddish discoloration of the cotton leaf may occasionally occur following the recommended treatment, but the cotton plant will develop normally.

**APPLY ONLY WHEN COTTON IS 3 INCHES HIGH TO FIRST BLOOM. DO NOT APPLY AFTER FIRST BLOOM. DO NOT FEED TREATED FOLIAGE TO LIVESTOCK OR GRAZE TREATED AREAS.**

**AGRICULTURAL PLANTINGS:** SUPER MERGE 3 is useful as directed and application in non-bearing vineyards and in non bearing deciduous fruit, nut, and citrus orchards, such as apple, peach, pear, plum, prune, apricot, cherry, almond, walnut, orange, grapefruit, tangerine, lemon, and lime orchards. It should be applied at the rate of 1/2 to 3/4 gallon per acre. Mix SUPER MERGE 3 at the rate of 1/2 gallon in 50 gallons of water. Apply as a directed spray in inner spaces and around base of trees or vines. Spray unwanted vegetation to just short of run-off. If regrowth occurs, reapply as required, however, do not exceed 3 applications per year.

Do not allow spray solution to contact leaves, stem or bark. Use a shield, if necessary for nursery plantings or young trees. Do not apply around trees or vines from which fruit would be harvested within one year of treatment.

**GENERAL INFORMATION:** SUPER MERGE 3 is useful as a directed application in cotton for selective post-emergent weed control, particularly for grassy weeds. Its phytotoxic properties are quickly inactivated on contact with soil. It is a combination of herbicide and surfactant. It is unnecessary to add any other surfactant to the spray solution. Best results are obtained on young actively growing weeds at temperatures above 70° F.

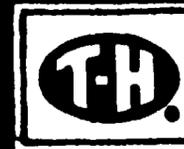
**MIXING INSTRUCTIONS:** SUPER MERGE 3 must be thoroughly dissolved. Fill the spray equipment reservoir about half full with water and add the required amount of herbicide with agitation. Finish filling the reservoir with water and apply. After use, clean equipment thoroughly by flushing with water. Do not store spray solution in tank for a prolonged period.

**CONTAINER DISPOSAL:** Do not reuse empty container. Wash thoroughly with water and detergent, crush if possible, and discard in a safe place.

**CAUTION:** Harmful if swallowed. Avoid contact with skin. Avoid breathing spray mist. Wash hands after using. Avoid storage near feed or food products. Keep children and domestic animals off treated areas until this material has been washed into the soil.

**ANTIDOTE:** If taken internally, induce vomiting and call physician at once.

**NOTICE:** Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.



# SUPER MERGE 3

**CAUTION: Keep Out of Reach of Children**

SEE SIDE PANEL FOR ADDITIONAL CAUTIONS.

FOR SELECTIVE POST-EMERGENT WEED CONTROL IN COTTON

ACTIVE INGREDIENT:	
Monosodium Acid Methanearsonate*	47.6%
INERT INGREDIENTS:	52.4%
	100.0%
Total Arsenic, all in water soluble form, expressed as elemental	22.1%

\*Product contains 6 lbs. MSMA per gallon.

EPA Reg. No. 148-1000



**Ornamental turfgrass:** Can be used for selective control of bahiagrass, barnyardgrass, chickweed, dallisgrass, nutsedge, sandbur and wood sorrel with little or no injury to well-established, actively growing turfgrasses. Mow turfgrass to height of 1 to 1 1/2 inches before treatment. Application should be uniform and thorough to adequately wet all undesirable plants. Two or more repeat applications at 14 day intervals may be necessary. Make application during warm weather when temperature is between 80 and 90° F. Do not water turf for at least 24 hours after application. Turfgrass may be temporarily discolored.

Burmudagrass, bluegrasses and zoysiagrass have shown tolerance to properly applied SUPER MERGE 3. Injury may result if applied to bentgrasses and fescues. Do not apply to St. Augustinegrass, carpetgrass, centipede grass or Dichrona lawns. Do not reseed until 2 weeks after last application.

**TURF:** Mix one fluid ounce (2 tablespoons) of SUPER MERGE 3 in 5 gallons of water and apply to an area of 1,000 square feet.

ACCEPTED

APR 9 1973

UNITED STATES DEPARTMENT OF AGRICULTURE  
FUNGICIDE AND ROENTENOLICIDE DIVISION  
WASHINGTON, D. C. 20250  
EPA UNDER NOTICE OF RECEIPT  
ATTACHED DOCUMENTS