

GENERAL INFORMATION: Hi-Yield SUPER DECIMATE is useful for selective post-emergent weed control, particularly for grassy weeds. Its activity is enhanced by addition of VPG SPREAD to spray solution. It is most effective on young, actively growing weeds at air temperatures above 70° F. Its phytotoxic properties are quickly inactivated on contact with soil.

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

DIRECTIONS FOR USE,

NON-CROP: Hi-Yield SUPER DECIMATE is useful for controlling Johnsongrass, nutsedge, barnyardgrass and certain other weeds on drainage ditch banks, rights-of-ways, storage yards and similar non-crop areas.

Mix Hi-Yield SUPER DECIMATE at a rate of 2 to 5 pints, plus 1 to 2 quarts of VPG SPREAD in 100 gallons of water. Spray unwanted vegetation thoroughly to just short of runoff. Any spray equipment that gives good coverage may be used. If regrowth occurs, reapply as required.

COTTON: Hi-Yield SUPER DECIMATE is useful as a directed application in cotton for the post-emergent control of weeds and grasses such as Johnsongrass, nutsedge, Dallisgrass, cocklebur, barnyardgrass, ragweed, sandbur (spadspur) and puncture vine. It should be applied at the rate of 1 quart per acre.

Add 5 pints of Hi-Yield SUPER DECIMATE and 1 to 2 quarts of VPG SPREAD to 100 gallons of water and mix thoroughly. Apply spray solution at 40 gallons per acre. Weed control is most effective at temperatures above 70° F. For band application in 40 inch rows, apply 1 gallon 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.

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.

NOTICE: Use of this material other than in accordance with directions on this label may produce plant injury, excessive residues or other undesirable results.

LAWN AND ORNAMENTAL TURF: Hi-Yield SUPER DECIMATE is useful for control of Dallisgrass, sandbur (sandspur), bahiagrass, nutsedge, barnyardgrass, chickweed, crabgrass, Johnsongrass, Nutgrass, bur clover, watergrass, goosegrass, ragweed, puncture vine, foxtail and wood sorrel with little or no injury to good lawn grasses. On new lawns, do not treat until after three mowings. Good grasses may be temporarily discolored. Zoysia, bluegrasses and Bermuda are quite tolerant. Do not use on St. Augustine or centipede.

Mow lawn 1 to 1½ inches high before treatments. Mix 1 fluid ounce, (2 tablespoons) of Hi-Yield SUPER DECIMATE and ½ fluid ounce, (1 tablespoon) of VPG SPREAD in 5 gallons of water and apply to an area of 1,000 square feet. Spray thoroughly to wet all undesirable plants. Repeat applications 10 to 14 days apart, may be needed for good control.

CAUTION: Harmful if swallowed. Avoid contact with skin. Wash hands after using. Avoid breathing spray mist.

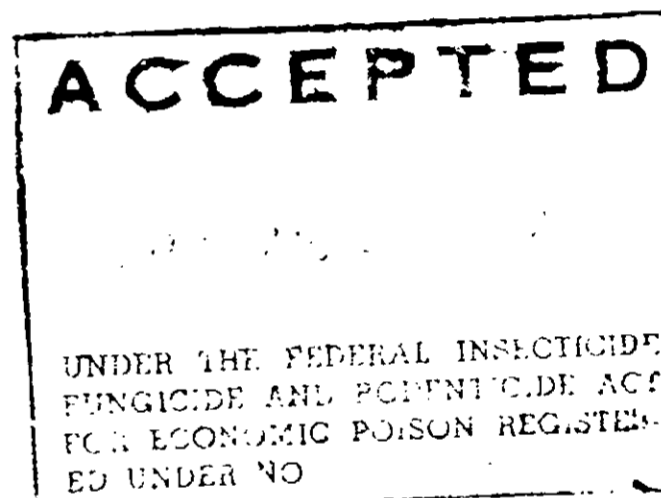
Avoid contamination of feed and foodstuffs. Keep away from domestic animals. Keep children and domestic animals off treated areas until this material has been washed into soil. Do not contaminate water used by wildlife or aquatic life or water used for domestic or irrigation purposes.

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

WASTE DISPOSAL: Rinse spray equipment and containers and dispose of liquid wastes in a pit in non-crop lands away from water supplies.

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

NON-WARRANTY: Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.



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when cotton is 3 inches high to first bloom. Do not apply after first not feed treated foliage to livestock, or graze treated areas.

Use of this material other than in accordance with directions on this label may result in plant injury, excessive residues or other undesirable results.

OR NAMENTAL TURF: Hi-Yield SUPER DECIMATE is useful for Dallisgrass, sandbur (sandspur), bahiagrass, nutsedge, barnyardgrass, crabgrass, Johnsongrass, Nutgrass, bur clover, watergrass, goosegrass, uncture vine, foxtail and wood sorrel with little or no injury to good plants. On new lawns, do not treat until after three mowings. Good grasses may be temporarily discolored. Zoysia, bluegrasses and Bermuda are quite tolerant to use on St. Augustine or centipede.

Apply to 1 1/2 inches high before treatments. Mix 1 fluid ounce, (2 tablespoons) SUPER DECIMATE and 1/2 fluid ounce, (1 tablespoon) of VPG SPREAD in 1 gallon of water and apply to an area of 1,000 square feet. Spray thoroughly on desirable plants. Repeat applications 10 to 14 days apart, may be needed for control.

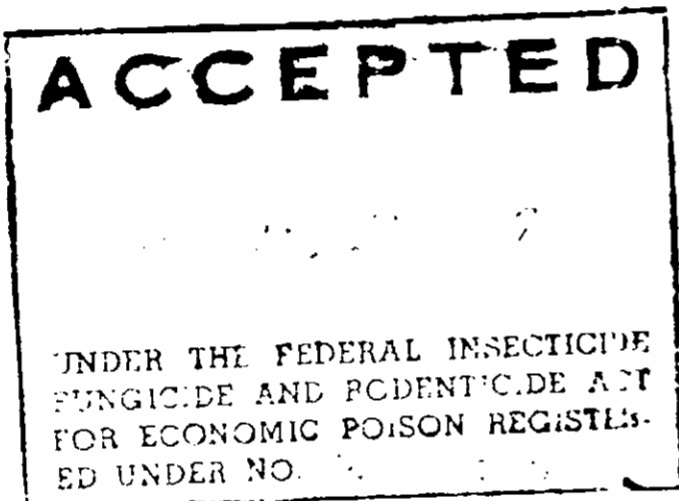
Harmful if swallowed. Avoid contact with skin. Wash hands after use and breathing spray mist.

Removal of feed and foodstuffs. Keep away from domestic animals. Remove children and domestic animals off treated areas until this material has been washed from soil. Do not contaminate water used by wildlife or aquatic life or water for domestic or irrigation purposes.

First Aid: If taken internally, induce vomiting and call a physician at once. First Aid: RINSE. Rinse spray equipment and containers and dispose of liquid in non-crop lands away from water supplies.

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

WARRANTY: Follow directions carefully. Timing and method of application and crop conditions, mixtures with other chemicals not specifically mentioned, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this product in strict accordance with directions given herewith.



Hi-Yield. SUPER DECIMATE®

HIGH CONCENTRATE MSMA HERBICIDE FOR SELECTIVE
POST-EMERGENCE WEED CONTROL IN COTTON

CAUTION:
KEEP OUT OF REACH OF CHILDREN
See Back Panel For Additional Cautions

ACTIVE INGREDIENT;
MONOSODIUM ACID METHANEARSONATE* 59%
INERT INGREDIENTS: 41%

TOTAL ARSENIC (AS ELEMENTAL) ALL IN WATER SOLUBLE FORM 27.3%

*Product Contains 8 lbs. MSMA per gallon.

NET CONTENTS ONE GALLON

EPA Reg. No. 7401-215

Voluntary Purchasing Groups, Inc.

Bonham, Texas

READ ENTIRE LABEL BEFORE USING THIS PRODUCT:

CAUTION: KEEP OUT OF REACH OF CHILDREN

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 soil.

ANTIDOTE: If taken internally, induce vomiting and call physician at once. Do not feed treated foliage to livestock or graze treated areas. Do not contaminate waters used for domestic consumption, or by animals, wildlife and aquatic life, or for irrigation purposes.

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

NON-WARRANTY: Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

GENERAL INFORMATION: Hi Yield Super 3 A. G. is an effective herbicide particularly grassy weeds when applied preplant and post-emergent to cotton, bearing citrus listed agricultural plantings, non-crop areas and lawn and ornamental turf. It is unnecessary to add any other surfactant to the spray solution. Best results are obtained on young actively growing weeds (temperature above 70° F.). The phytotoxic properties are quickly inactivated on contact with the soil.

MIXING INSTRUCTIONS: Hi-Yield Super 3 A. G. HERBICIDE is completely water soluble. Fill the spray tank about half full with water and add required amount of herbicide. Finish filling tank with water using mild agitation. After use, clean equipment thoroughly by flushing with water. Do not store spray solution in tank for a prolonged period.

COTTON:

Preplant Application: For control of weeds and grasses such as johnsongrass, nut sedge, dallisgrass, cocklebur, ragweed, sandbur (sandspur), crabgrass and puncture vine. Mix 7 pints Hi-Yield Super 3 A. G. in 100 gallons of water. Do not add any surfactant to spray solution per acre. Apply 40 gallons of spray solution per acre. Apply once if cotton planting is delayed and weeds have emerged. Cotton may be planted immediately.

Post emergence Directed Spray Application: For control of weeds and grasses such as johnsongrass, nutsedge, dallisgrass, cocklebur, ragweed, sandbur (sandspur), crabgrass and puncture vine. It should be applied at the rate of 1 3 gallon per acre. Mix 7 pints in 100 gallons of water. Do not add any surfactant to spray solution. Apply spray solution at 40 gallons per acre. For band application in 40 inch rows, apply 1 gallon 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. Where practical, withhold irrigation for approximately ten (10) days. A second application may be required during growing season to control perennials such as johnsongrass and nutsedge. Apply the second application 1 to 3 weeks later.

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 height to first bloom. Do not apply after first bloom. Do not feed treated foliage to livestock or graze treated areas.

BEARING CITRUS (Except Florida).

Hi-Yield Super 3 A. G. is useful as a directed application in citrus orchards such as oranges, grapefruit, tangerine, lemon, and lime orchards. It should be applied at the rate of 1/3 to 2/3 gallons per acre. Mix Hi-Yield Super 3 A.G. at the rate of 1/3 gallon in 75 gallons of water. Apply as a directed spray in interspaces and around base of trees. Spray unwanted vegetation to just short of run-off. If regrowth occurs, repeat as required; however, do not exceed 3 applications per year. Do not allow spray solution to contact fruit, leaves, stems or bark. Use a shield, if necessary, for nursery plantings or young trees.

As a spot treatment mix Hi-Yield Super 3 A.G. at the rate of 1/3 gallon in 100 gallons of water. Spray unwanted vegetation to just short of run-off. If regrowth occurs, repeat as required; however, do not exceed 3 applications per year. Do not allow spray solution to contact fruit, leaves, stems or bark. Use a shield, if necessary, for nursery plantings or young trees.

AGRICULTURAL PLANTINGS:

Hi-Yield Super 3 A.G. is useful as a directed application 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 1/3 to 2/3 gallons per acre.

Mix Hi-Yield Super 3 A.G. at the rate of 1/3 gallon in 50 to 100 gallons of water. Apply as a directed spray in interspaces and around base of trees or vines. Spray unwanted vegetation to just short of run-off. If regrowth occurs, repeat as required, however, do not exceed 3 applications per year.

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

NON CROP: Hi-Yield Super 3 A.G. is useful for control of johnsongrass, nutsedge, dallisgrass, cocklebur, barnyardgrass, crabgrass, sandbur (sandspur), ragweed, puncture vine, tules and certain other weeds on drainage ditchbanks, rights-of-way, fence rows, storage yards and similar non-crop areas.

Mix Hi-Yield Super 3 A.G. at a rate of 3 to 6 pints to 100 gallons of water. Spray unwanted vegetation sufficiently to provide complete coverage. Use spray equipment that gives good low volume coverage. If regrowth occurs, repeat as required.

LAWN AND ORNAMENTAL TURF:

Hi-Yield Super 3 A.G. is useful for control of dallisgrass, sandbur (sandspur), barnyardgrass, nutsedge, crabgrass, chickweed and wood sorrel with little or no injury to tolerant lawn grasses. On new lawns, do not treat until after three mowings. Tolerant grasses may be temporarily discolored. Zoysiagrass, bluegrasses and bermudagrass are quite tolerant. Do not use on St. Augustine or centipede. Mow lawns 1 to 1 1/2 inches high before treatment. Mix 1 1/3 fl oz (8 teaspoons) of Hi-Yield Super 3 A.G. in 2 1/2 gallons of water and apply to an area of 1000 sq. ft. Spray thoroughly to wet all undesirable plants. Repeat applications, 10 to 14 days apart, may be needed for good control.

EPA Reg. No. 7401-240

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