

524-326

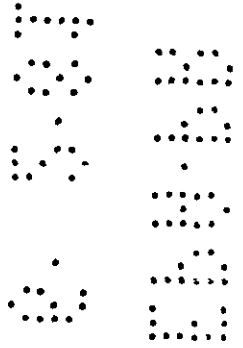
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ACCEPTED

JUN - 9 1981

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 524-326



**CP 70139**REGISTERED BY  
**Monsanto****Complete Directions for Use**

EPA Reg. No. 524-326

AVOID CONTACT WITH FOLIAGE, GREEN STEMS OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES, SINCE SEVERE INJURY OR DESTRUCTION MAY RESULT.

1981-2 1971.02/53

Read each of these sections of this label for essential product performance information.

USE THESE CONVENIENT SECTION MARKERS.

**PRECAUTIONARY STATEMENTS****Hazard to Humans and Domestic Animals**

Keep out of reach of children.

**CAUTION!**

MAY CAUSE EYE IRRITATION.  
AVOID CONTACT WITH EYES.  
DO NOT GET ON SKIN OR ON CLOTHING.

FIRST AID IN CASE OF EYE CONTACT, flush with plenty of water for at least 15 minutes. Call a physician. Flush skin with water. Wash clothing before reuse.

**Physical or Chemical Hazards**

Spray solutions of this product should be mixed, stored and applied only in stainless steel, aluminum, fiberglass, plastic and plastic-lined steel containers. DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNFINISHED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

Precautionary Statements

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Read the entire label.

Use only according to label instructions.

Read "LIMIT OF WARRANTY AND LIABILITY" before buying or using. If terms are not acceptable, return at once unopened.

**LIMIT OF WARRANTY AND LIABILITY**

This company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

Buyer and all users shall promptly notify this company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this company, including but not limited to incompatibility with products other than those set forth in the Directions, application to or contact with desirable vegetation, unusual weather (i. weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied with the normal range being determined on

Limit of Warranty and Liability

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**Limit of Warranty and Liability**

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the basis of the average range for the prior 40 years computed from the best available information, and ii. weather perils, including but not limited to hurricanes, tornadoes and floods) as well as weather considerations set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY OR IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

The buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.

**Storage, Disposal and Ingredients**

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**Environmental Hazards**

Avoid direct applications to any body of water. Do not contaminate water by disposal of waste or cleaning of equipment.

**Storage and Disposal**

STORE ABOVE 10°F TO KEEP FROM FREEZING

Freezing will result in the formation of crystals. If allowed to freeze, place in a warm room (72°F) and roll and shake the container well before using.

Avoid contamination of seed, feed and foodstuffs. Do not reuse container, destroy when empty.

**ACTIVE INGREDIENT**

|                                    |        |
|------------------------------------|--------|
| *Isopropylamine salt of Glyphosate | 41.5%  |
| INERT INGREDIENTS:                 | 58.5%  |
|                                    | 100.0% |

\*Contains 480 grams per liter or 4 pounds of the active ingredient isopropylamine salt of N (phosphonomethyl)glycine per U.S. gallon

Equivalent to 356 grams per liter or 3 pounds per U.S. gallon of the acid, glyphosate.

**GENERAL INFORMATION**

DO NOT APPLY THIS PRODUCT USING AERIAL SPRAY EQUIPMENT EXCEPT UNDER CONDITIONS AS SPECIFIED WITHIN THIS LABEL.

This herbicide, a water soluble liquid, mixes readily with water to be applied as a foliage spray for the control or destruction of most herbaceous plants. It may be applied through most standard industrial or field type sprayers after dilution and thorough mixing with water in accordance with label instructions.

This product moves through the plant from the point of foliage contact to and into the root system. Visible effects on most annual weeds occur within 2 to 4 days but on most perennial weeds may not occur for 7 days or more. Extremely cool or cloudy weather following treatment may slow down activity of this product and delay visual effects of control. Visible effects are a gradual wilting and yellowing of the plant which advances to complete browning of above ground growth and deterioration of underground plant parts.

Unless otherwise specified on this label delay application until vegetation has emerged and reached the stages described for control of such vegetation under the "Weeds Controlled" section of this label.

General Information

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Unemerged plants arising from unattached underground rhizomes or root stocks of perennials will not be affected by the spray and will continue to grow. For this reason best control of most perennial weeds is obtained when treatment is made at late growth stages approaching maturity.

Always use the higher rate of this product per acre within the recommended range when (1) weed growth is heavy or dense, or (2) weeds are growing in an undisturbed (non-cultivated) area.

Do not treat weeds under poor growing conditions such as drought stress, disease or insect damage, as reduced weed control may result. Reduced results may also occur when treating weeds heavily covered with dust.

Rainfall or irrigation occurring within 6 hours after application may reduce effectiveness. Heavy rainfall or irrigation within 2 hours after application may wash the chemical off the foliage and a repeat treatment may be required.

CP 70139 herbicide does not provide residual weed control. For subsequent residual weed control, follow a label-approved herbicide program. Read and carefully observe the cautionary statements and all other information appearing on the labels of all herbicides used.

**ADD ADDITIONAL SURFACTANT** only as recommended on this label. Buyer and all users are responsible for all loss or damage in connection with the use or handling of mixtures of CP 70139 with herbicides or other materials that are not

expressly recommended in this labeling. Mixing this product with herbicides or other materials not recommended on this label, may result in reduced CP 70139 performance.

For best results, spray coverage should be uniform and complete. Do not spray weed foliage to the point of runoff.

### ATTENTION

**AVOID DRIFT** EXTREME CARE MUST BE USED WHEN APPLYING THIS PRODUCT TO PREVENT INJURY TO DESIRABLE PLANTS AND CROPS.

Do not allow the herbicide solution to mist drip, drift, or splash on to desirable vegetation since minute quantities of this herbicide can cause severe damage or destruction to the crop, plants, or other areas on which treatment was not intended. The likelihood of injury occurring from the use of this product is greatest when winds are gusty or in excess of 5 miles per hour or when other conditions, including lesser wind velocities, will allow spray drift to occur. When spraying avoid combinations of pressure and nozzle type that will result in splatter or fine particles (mist) which are likely to drift. **AVOID APPLYING AT EXCESSIVE SPEED OR PRESSURE.**

**NOTE:** Use of this product in any manner not consistent with this label may result in injury to persons, animals or crops, or other unintended consequences. Keep container closed to prevent spills and contamination.

Attention — Avoid Drift

source. During mixing and application foaming of the spray solution may occur. To prevent or minimize foam: avoid the use of mechanical agitators, place the filling hose below the surface of the spray solution, terminate by-pass and return lines at the bottom of the tank and if needed use an approved anti foam or defoaming agent.

### TANK MIXTURES

Always predetermine the compatibility of labeled tank mixes of this herbicide with water carrier by mixing small proportional quantities in advance. Mix labeled tank mixtures of CP 70139 herbicide with water as follows:

1. Place a 20 to 35 mesh screen or wetting basket over filling port.
2. Through the screen, fill the sprayer tank one-half full with water and start agitation.
3. If a wettable powder is used, make a slurry with the water carrier, and add it SLOWLY through the screen into the tank. Continue agitation.
4. If a flowable formulation is used, pre-mix one part flowable with one part water. Add diluted mixture SLOWLY through the screen into the tank. Continue agitation.
5. If Lasso is used pour one part Lasso into two parts water and mix. Add diluted mixture SLOWLY through the screen into the tank. Continue agitation.

Clean sprayer and parts immediately after using this product by thoroughly flushing with water.

Do not contaminate water by disposal of wastes or cleaning of equipment.

Do not reuse container. Destroy when empty.

## MIXING AND APPLICATION INSTRUCTIONS

APPLY THESE SPRAY SOLUTIONS IN PROPERLY MAINTAINED AND CALIBRATED EQUIPMENT CAPABLE OF DELIVERING DESIRED VOLUMES. DO NOT APPLY UNDER WIND OR OTHER CONDITIONS WHICH ALLOW DRIFT TO OCCUR. HAND GUN APPLICATIONS SHOULD BE PROPERLY DIRECTED TO AVOID SPRAYING DESIRABLE PLANTS. NOTE: REDUCED RESULTS MAY OCCUR IF WATER CONTAINING SOIL IS USED, such as WATER FROM PONDS AND UNLINED DITCHES.

### MIXING

This product mixes readily with water. Mix spray solutions of this product as follows. Fill the mixing or spray tank with the required amount of water. Add the proper amount of this product (see "Directions for Use" and "Weeds Controlled" sections of this label) near the end of the filling process and mix well. Remove hose from tank immediately after filling to avoid siphoning back into the farmer

6. Continue filling the sprayer tank with water and add the required amount of CP 70139 herbicide near the end of filling process. Maintain good agitation at all times until the contents of the tank are sprayed. **NOTE:** If spray mixture is allowed to settle at any time, thorough agitation is required to resuspend the mixture before spraying is resumed.

Keep by-pass line on or near bottom of tank to minimize foaming. Screen size in nozzle or line strainers should be no finer than 50 mesh. Carefully select proper nozzle to avoid spraying a fine mist. For best results, use flat fan or flood jet nozzles. Check for even distribution of spray droplets.

### SOIL TEXTURE

The recommended use rates of other herbicides labeled for use with CP 70139 in tank mixtures generally vary with soil texture. Rate tables throughout this label, unless the soil texture is specifically named, refer to only three soil texture groups: Coarse, Medium and Fine. The following is a complete listing of soil textures included in each of these three soil texture groups:

#### SOIL TEXTURE GROUP

#### SOIL TEXTURE

COARSE: sand, loamy sand, sandy loam

MEDIUM: loam, silt loam, silty sandy clay loam

FINE: silty clay loam, clay loam, sandy clay, silty clay, clay

Refer to the above table to determine the corresponding soil texture group for the soil to be treated

### APPLICATION EQUIPMENT AND TECHNIQUES

#### AERIAL EQUIPMENT

Use the recommended rates of this herbicide in 5 to 15 gallons of water per acre. See "WEEDS CONTROLLED" section of this label for specific rates. As density of vegetation increases, spray volume should be increased within the recommended range to insure complete coverage. Aerial applications of this product may only be made as specifically recommended on this label.

Avoid direct application to any body of water.

**AVOID DRIFT** — Do not apply when winds are gusty or under other conditions which will allow drift. Applications in wind conditions in excess of 9 MPH are not recommended. Do not apply when winds

speed is in excess of 10 MPH. Drift may cause damage to any vegetation contacted to which treatment is not intended.

Coarse sprays are less likely to drift, therefore, do not use nozzles or nozzle configurations which disperse spray as fine spray droplets. Do not angle nozzles forward into the airstream and do not increase spray volume by increasing nozzle pressure.

**Ensure uniform application** — To avoid streaked, uneven or overlapped application, use appropriate marking devices.

Thoroughly wash aircraft, especially landing gear, after each day of spraying to remove residues of this product accumulated during spraying or from spills. **PROLONGED EXPOSURE OF THIS PRODUCT TO UNCOATED STEEL SURFACES MAY RESULT IN CORROSION AND POSSIBLE FAILURE OF THE PART.**

**LANDING GEAR ARE MOST SUSCEPTIBLE.** The maintenance of an organic coating (Paint) which meets aerospace specification MIL-C-13413 may prevent corrosion.

## BOOM EQUIPMENT

For control of Annual or Perennial Weeds listed on this label using conventional boom equipment—Use the recommended rates of this product in 20 to 60 gallons of water per acre as a broadcast spray. See "Weeds Controlled" section of this label for specific rates. As density of weeds increase, spray gallonage should be increased within the recommended range to insure complete coverage.

## HAND-HELD and HIGH VOLUME EQUIPMENT

Use coarse sprays only

For control of weeds listed on this label using knapsack sprayers or high volume spraying equipment utilizing handguns or other suitable nozzle arrangements—Unless otherwise specified, make a 1% solution of this product in water and apply to foliage of vegetation to be controlled. For best results, use a 2% solution on harder-to-control perennials such as bermudagrass, dock, field bindweed, hemp dogbane, milkweed and Canada thistle.

Applications should be made on a spray-to-wet basis. Spray coverage should be uniform and complete. Do not spray to point of runoff. Nonionic surfactants which are labeled for use with herbicides may be used to improve wetting of undesirable vegetation. Do not reduce recommended rates of

Selective Equipment cont'd.

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## Selective Equipment

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CP 70139 when adding surfactant. Read and carefully observe surfactant rates, cautionary statements, and other information appearing on the surfactant label.

Prepare the desired volume of spray solution by mixing the amount of this product in water, shown in the following table:

Spray solution:

| DESIRED VOLUME          | AMOUNT OF CP 70139 |        |       |
|-------------------------|--------------------|--------|-------|
|                         | 1%                 | 1½%    | 2%    |
| 1 gallon                | 1½ oz              | 2 oz   | 2½ oz |
| 25 gallons              | 1 qt               | 1½ qt  | 2 qt  |
| 100 gallons             | 1 gal              | 1½ gal | 2 gal |
| 2 tablespoons = 1 ounce |                    |        |       |

For use in knapsack sprayers, it is suggested that the proper amount of this product be mixed with water in a larger container. Fill sprayer with the mixed solution.

## SELECTIVE EQUIPMENT

This product may be applied through a recirculating spray system, a shielded applicator, or a wiper applicator after dilution and thorough mixing with water, to listed weeds growing in any non-crop site specified on this label and only when specifically recommended in cropping systems.

A recirculating spray system directs the spray solution onto weeds growing above desirable vegetation while spray solution not intercepted by weeds is collected and returned to the spray tank for reuse.

A shielded applicator directs the herbicide solution onto weeds while shielding desirable vegetation from the herbicide.

A wiper applicator applies the herbicide solution onto weeds by rubbing the weed with an absorbent material containing the herbicide solution.

**AVOID CONTACT WITH DESIRABLE VEGETATION.** Contact of the herbicide solution with the desirable vegetation may result in damage or destruction. Applicators used above desired vegetation should be adjusted so that the lowest spray stream or wiper contact point is at least 2 inches above the desirable vegetation. Droplets, mist, foam, or splatter of the herbicide solution settling on desirable vegetation may result in discoloration, stunting, or destruction.

Applications made above the crops should be made when the weeds are a minimum of 6 inches above the desirable vegetation. Better results may be obtained when more of the weed is exposed to the herbicide solution. Weeds not contacted by the herbicide solution will not be affected. This may occur in dense clumps, severe infestations, or when the height of the weeds varies so that not all weeds are contacted. In these instances, repeat treatment may be necessary.

See the "Weeds Controlled" section of this label for recommended stage of growth for specific weeds.

Selective Equipment cont'd.

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Selective Equipment cont'd.

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## NOTE

- Maintain equipment in good operating condition. Avoid leakage or dripping onto desirable vegetation.
- Adjust height of applicator to insure proper contact with weeds.
- Keep nozzle tips and wiping surfaces clean.
- Keep spray patterns aligned into recovery chamber of the recirculating sprayer.
- Keep shields on shielded applicators adjusted to protect desirable vegetation.
- Maintain recommended roller RPM on roller applicators while in use.
- Keep wiper material at proper degree of saturation with herbicide solution.
- DO NOT use wiper equipment when weeds are wet.
- DO NOT operate equipment at ground speeds greater than 5 mph. Weed control may be affected by speed of application equipment. As weed density increases, reduce equipment ground speed to insure good coverage of weeds.
- Be aware that on sloping ground the herbicide solution may migrate, causing dripping on the lower end and drying on the upper end of a wiper applicator.
- Variation in equipment design may affect weed control. With wiper applicators, the wiping material and its orientation must allow delivery of sufficient quantities of the recommended herbicide solution directly to the weed.

- Care must be taken with all types of wipers to insure that the absorbent material does not become oversaturated, causing the herbicide to drip on desirable vegetation.
- Mix only the amount of solution to be used during a one day period, as reduced activity may result from use of leftover solutions. With all equipment, drain and clean sprayer and wiper parts immediately after using this product by thoroughly flushing with water.

## RECIRCULATING SPRAYERS

Recirculating sprayer calibration is made on the basis of ground speed and delivery volume. Two procedures can be used to calibrate: (1) determine the discharge being delivered per minute, then operate at the designated ground speed, or (2) select the desired ground speed and then adjust the sprayer to deliver the proper volume per minute (this may require nozzle changes). Use the appropriate table below.

Do not operate at nozzle pressure above 20 PSI.

Table 1. Use this table when calibrating Box or Row type recirculating sprayers. Box or Row type sprayer calibration is based on the total discharge collected per row. Use only straight stream or 15° fan type nozzles.

Selective Equipment cont'd.

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## \*VOLUME PER MINUTE PER ROW

| MPH | Ounces    |
|-----|-----------|
| 2   | 26 to 35  |
| 3   | 38 to 51  |
| 4   | 51 to 68  |
| 5   | 65 to 86  |
| 6   | 77 to 102 |

\*NOTE: In column the amount collected is for all spray streams treating one row

Table 2. Use this table when calibrating Broadcast type recirculating sprayers. Broadcast recirculating sprayer calibration is based on the discharge collected per minute from one nozzle on a 20 inch spacing.

## \*VOLUME PER MINUTE PER NOZZLE

| MPH | Ounces   |
|-----|----------|
| 2   | 7 to 9   |
| 3   | 10 to 13 |
| 4   | 13 to 18 |
| 5   | 16 to 22 |
| 6   | 20 to 26 |

When applied as recommended under the conditions described for recirculating sprayers, this product will control the following weeds growing a minimum of 6 inches above desirable vegetation.

**Perennial Broadleaf Weeds** — To SUPPRESS the following weeds, mix in a ratio of 4 quarts of this product in 20 gallons of water and apply as directed.

Dogbane (hemp)      Milkweed  
 Apocynum cannabinum      Asclepias syriaca

**Perennial Grasses and Annual Broadleaf Weeds** — To control the following weeds, mix in a ratio of 3 quarts of this product in 20 gallons of water and apply as directed:

|                   |                   |
|-------------------|-------------------|
| Cocklebur         | Figweed, Redroot  |
| Xanthium          | Amaranthus        |
| pennsylvanicum    | retroflexus       |
| Johnsongrass      | Sunflower         |
| Sorghum halepense | Helianthus annuus |

**Annual Grasses** — To control the following weeds, mix in a ratio of 2 quarts of this product in 20 gallons of water and apply as directed:

|                  |                 |
|------------------|-----------------|
| Corn (volunteer) | Shattercane     |
| Zea mays         | Sorghum bicolor |

## SHIELDED APPLICATORS

When applied as directed under conditions described for shielded applicators, this product will control those weeds listed in the "Weeds Controlled" section of this label.

Shielded applicators which apply the herbicide solution as a spray band should be calibrated on a broadcast equivalent rate and volume basis. To determine these:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \frac{\text{Herbicide Broadcast RATE per acre}}{\text{Herbicide Band RATE per acre}} =$$

Selective Equipment cont'd.

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$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \frac{\text{Broadcast VOLUME of solution per acre}}{\text{Band VOLUME of solution per acre}} =$$

Use nozzles that provide uniform coverage within the treated area. EXTREME CARE MUST BE EXERCISED TO AVOID CONTACT WITH DESIRABLE VEGETATION.

For specific rates of application and instructions for control of various annual and perennial weeds, see the "Weeds Controlled" section of this label.

## WIPER APPLICATORS

Wiper applicators include either roller or wick devices which physically wipe appropriate concentrations or amounts of this product directly onto the weed. Equipment must be designed, maintained, and operated to prevent the herbicide solution from contacting desirable vegetation. Operate this equipment at ground speeds no greater than 5 mph. Performance may be improved by reducing speed in areas of heavy weed infestations to insure adequate wiper saturation. Better results may be obtained if 2 applications are made in opposite directions.

**For Roller Applicators** — Mix 1 gallon of this product in enough water to prepare 10 gallons of herbicide solution (10% solution). Apply this solution to perennial weeds or annual broadleaf weeds listed in this "Wiper Applicators" section.

Mix 1 gallon of this product in enough water to prepare 20 gallons of herbicide solution (5% solution). Apply this solution to annual grasses listed in this "Wiper Applicators" section.

Roller speed should be maintained at 40 to 60 RPM.

**For Wick or other Wiper Applicators** — Mix 1 gallon of this product in 2 gallons of water to prepare a 33% solution. Apply this solution to weeds listed in this "Wiper Applicators" section.

In severe infestations, reduce equipment ground speed to insure that adequate amounts of this product are wiped on the weeds. A second treatment in the opposite direction may be beneficial.

Do not permit herbicide solution to contact desirable vegetation.

When applied as recommended under the conditions described for "Wiper Applicators", this product CONTROLS the following weeds:

## ANNUAL GRASSES

|                  |                 |
|------------------|-----------------|
| Corn (volunteer) | Shattercane     |
| Zea mays         | Sorghum bicolor |

When applied as recommended under the conditions described for "Wiper Applicators", this product SUPPRESSES the following weeds:

## PERENNIAL GRASSES

Johnsongrass  
 Sorghum halepense

## ANNUAL BROADLEAVES

|                        |                         |
|------------------------|-------------------------|
| Figweed, Redroot       | Asclepias syriaca       |
| Amaranthus retroflexus | Nightshade (silverleaf) |
| Ragweed (giant)        | Solanum elaeagnifolium  |
| Ambrosia trifida       |                         |
| Sunflower              |                         |
| Helianthus annuus      |                         |

## WEEDS CONTROLLED

CP 70139 herbicide controls many annual and perennial grasses and broadleaf weeds.

## CONTROL OF ANNUAL WEEDS

Apply to actively growing grasses and broadleaf weeds. Use 1 quart of this product per acre if weeds are less than 6 inches tall. If weeds are over 6 inches tall, apply 1.5 quarts of this product per acre. Allow at least 3 days after treatment before tillage. See "Directions for Use" for specific volumes of water.

When applied as recommended under the conditions described, this product WILL CONTROL the following ANNUAL WEEDS:

|                    |                         |
|--------------------|-------------------------|
| Bluegrass (annual) | Figweed (smooth)        |
| Poa annua          | Amaranthus hybridus     |
| Brome (downy)      | Ragweed (common)        |
| Bromus tectorum    | Ambrosia artemisiifolia |

|                       |                          |
|-----------------------|--------------------------|
| Corn (volunteer)      | Ragweed (giant)          |
| Zea mays              | Ambrosia trifida         |
| Crabgrass             | Ryegrass (Italian)*      |
| Digitaria spp.        | Lolium multiflorum       |
| Fleabane              | Sandbar (field)          |
| Erigeron spp.         | Cenchrus spp.            |
| Fertal                | Shattercane              |
| Setaria spp.          | Sorghum bicolor          |
| Kochia                | Smartweed (Pennsylvania) |
| Kochia scrobaria      | Polygonum                |
| Lambquarters (common) | pennsylvanicum           |
| Chenopodium album     | Spinnneedles*            |
| Lettuce (prickly)     | Bidens bipinnata         |
| Lactuca serriola      | Sunflower                |
| Panicum               | Helianthus annuus        |
| Panicum spp.          | Thistle (Russian)        |
| Figweed (redroot)     | Salsola kali             |
| Amaranthus            | Velvetleaf               |
| retroflexus           | Abutilon theophrasti     |
|                       | Wheat (volunteer)        |
|                       | Triticum aestivum        |

\*Apply 2 quarts of this product per acre.  
 Annual weeds generally will continue to germinate from seed through the growing season. Repeat treatments may be necessary to control later germinating weeds. Repeat treatments must be made prior to crop emergence.

Weeds Controlled —

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## CONTROL OF PERENNIAL WEEDS

Apply this product as follows to control or destroy most perennial weeds:

NOTE: If weeds have been mowed or killed, do not treat until regrowth has reached the recommended stages.

Repeat treatments may be necessary to control weeds regenerating from underground parts or seed. Repeat treatments must be made prior to crop emergence.

When applied as recommended under the conditions described, this product WILL CONTROL the following PERENNIAL WEEDS:

|                             |                         |
|-----------------------------|-------------------------|
| <b>Alfalfa</b>              | <b>Lantana</b>          |
| Medicago sativa             | Lantana camara          |
| <b>Barnyardgrass</b>        | <b>Milkweed</b>         |
| Paspalum notatum            | Asclepias spp.          |
| <b>Bermudagrass</b>         | Muhly (wirestem)        |
| Cynodon dactylon            | Muhlenbergia frondosa   |
| <b>Bindweed (field)</b>     | Mullein (common)        |
| Convolvulus arvensis        | Verbascum thapsus       |
| <b>Bluegrass (Kentucky)</b> | <b>Nightingale</b>      |
| Poa spp.                    | Pennisetum purpureum    |
| <b>Brackenfern</b>          | Nightshade (silverleaf) |
| Pteridium aquilinum         | Solanum elaeagnifolium  |
| <b>Bromegrass (smooth)</b>  | <b>Orchardgrass</b>     |
| Bromus inermis              | Dactylis glomerata      |
| <b>Cattail</b>              | <b>Paragrass</b>        |
| Typha spp.                  | Brachiaria morica       |
| <b>Clover (red)</b>         | <b>Quackgrass</b>       |
| Inulium pratense            | Agropyron repens        |
| <b>Clover (white)</b>       | <b>Reed canarygrass</b> |
| Inulium repens              | Phalaris arundinacea    |

stage of growth. Following small grain harvest or mowing, allow cogbane to regrow to a mature stage prior to treatment. For best results, apply in late summer or fall. Allow 7 or more days after application before tillage. See "Directions for Use" and "Mixing and Application" sections of this label for labeled uses and specific application instructions.

**Johnsongrass / Bromegrass (smooth) / Reed (canarygrass) / Ryegrass (perennial) / Timothy / Wheatgrass (western)** — Apply 2 to 3 quarts of this product per acre. For best results apply to actively growing plants when most have reached the boot to head stage of growth. When applying prior to the boot stage, less desirable control may be obtained. Allow johnsongrass to reach at least 18 inches average height. In the fall apply before plants have turned brown. Allow 7 or more days after application before tillage. See "Directions for Use" and "Mixing and Application" sections of this label for labeled uses and specific application instructions.

**Lantana** — Apply this product as a 1 to 1% percent solution using hand-held equipment only. Apply to actively growing Lantana at or beyond the bloom stage of growth. Use the higher application rate for plants that have reached the woody stage of growth. Allow 7 or more days after application before tillage.

**Milkweed (common)** — Apply 3 quarts of this product per acre. Apply when actively growing and most of the milkweed has reached the late bud to flower stage of growth. Following small grain harvest or mowing, allow milkweed to regrow to a mature stage

|                         |                             |
|-------------------------|-----------------------------|
| <b>Dallisgrass</b>      | <b>Ryegrass (perennial)</b> |
| Paspalum dilatatum      | Lolium perenne              |
| <b>Deck (curly)</b>     | <b>Smartweed (swamp)</b>    |
| Rumex crispus           | Polygonum concinnum         |
| <b>Dogbane (hemp)</b>   | <b>Texas Blueweed</b>       |
| Apocynum cannabinum     | Helianthus scaberrimus      |
| <b>Fescue</b>           | <b>Thistle (Canada)</b>     |
| Festuca spp.            | Cirsium arvense             |
| <b>Guineagrass</b>      | <b>Timothy</b>              |
| Panicum maximum         | Phleum pratense             |
| <b>Horseweed</b>        | <b>Torpedograss</b>         |
| Solanum carolinense     | Panicum repens              |
| <b>Johnsongrass</b>     | <b>Vasegrass</b>            |
| Sorghum halepense       | Paspalum urvillei           |
| <b>Karyograss</b>       | <b>Wheatgrass (western)</b> |
| Pennisetum clandestinum | Agropyron sativum           |

**Bermudagrass** — Apply 5 quarts of this product per acre. Apply when bermudagrass is actively growing and when seed heads appear. Allow 7 or more days after application before tillage. See "Directions for Use" and "Mixing and Application" sections of this label for labeled uses and specific application instructions.

**Brackenfern** — Apply 3 to 4 quarts of this product per acre as a broadcast spray or as a 1 to 1% percent solution with hand-held equipment. Apply to Brackenfern after fronds are at least 18 inches long.

**Canada Thistle** — Apply 2 to 3 quarts of this product per acre. Apply to actively growing thistles when most are at or beyond the boot stage of growth. Fall treatments must be applied before frost. Allow 3 or more days after application before tillage. See

Weeds Controlled — Perennial cont'd.

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"Directions for Use" and "Mixing and Application" sections of this label for labeled uses and specific application instructions.

**Field Bindweed / Silverleaf Nightshade / Texas Blueweed** — Apply 4 to 5 quarts of this product per acre west of the Mississippi River and 3 to 4 quarts per acre east of the Mississippi River. Apply when weed is actively growing and is at or beyond full bloom. For silverleaf nightshade, best results can be achieved when application is made after berries are formed. Do not treat when weed is under drought stress as good soil moisture is necessary for active growth. New leaf development indicates active growth. For best results, apply in late summer or fall. Fall treatments must be applied before a killing frost. Allow 7 or more days after application before tillage. See "Directions for Use" and "Mixing and Application" sections of this label for labeled uses and specific application instructions.

**Guineagrass (Panicum maximum)** — Apply 3 quarts of this product per acre or use a 1 percent solution with hand-held equipment. Apply to actively growing guineagrass when most has reached at least the 7-leaf stage of growth. Ensure thorough coverage when using hand-held equipment. Allow 7 or more days after application before tillage. See "Directions for Use" and "Mixing and Application" sections of this label for labeled uses and specific application instructions.

**Hemp Dogbane** — Apply 4 quarts of this product per acre. Apply when actively growing and most of the dogbane has reached the late bud to flower

## CONTROL OF WOODY BRUSH AND TREES

When applied as recommended under the conditions described, this product CONTROLS the following woody brush plants and trees:

|                   |                    |
|-------------------|--------------------|
| <b>Alder</b>      | <b>Oak</b>         |
| Alnus spp.        | Quercus spp.       |
| <b>Berries*</b>   | Mullein rose       |
| Rubus spp.        | Rosa multiflora    |
| <b>Elderberry</b> | Poison Ivy         |
| Sambucus spp.     | Rhus radicans      |
| <b>Honeyuckle</b> | Poison Oak         |
| Lonicera spp.     | Rhus toxicodendron |
| <b>Kudzu</b>      | Trumpet creeper    |
| Pueraria lobata   | Campylocarpus      |
| <b>Maple**</b>    | Willow             |
| Acer spp.         | Salt spr.          |

\*Includes blackberry, dewberry and raspberry

\*\*Includes sugar maple and red maple

\*\*\*Includes red oak, white oak and Northern pin oak.

NOTE: If brush has been mowed or killed or trees have been cut, do not treat until regrowth has reached the recommended stages of growth.

Allow 7 or more days after application before tillage, mowing or removal. See "Directions for Use" and "Mixing and Application" sections of this label for labeled uses and specific application instructions.

Repeat treatments may be necessary to control plants regenerating from underground parts or seed.

Some autumn colors on undesirable deciduous species are acceptable provided no major leaf fall has occurred.

Apply this product as follows to control or destroy these listed plants and trees.

**Alder (Alnus spp.)/Elderberry (Sambucus spp.)** — Apply 3 to 4 quarts of this product as a broadcast spray or as a 1 to 1½ percent solution with hand-held equipment.

Apply when actively growing and at or after the full bloom stage of growth. Use the higher rate for larger plants and dense areas of growth. Best results are achieved when applied in late summer or fall prior to killing frost. Ensure thorough coverage when using hand-held equipment. Visual symptoms of control may not appear prior to frost or senescence with fall treatments.

**Ries (Rhus spp.)** — Apply 3 to 4 quarts of this product per acre as a broadcast spray or as a 1 to 1½ percent solution with hand-held equipment. Apply when canes are actively growing and most are at or beyond the full bloom stage of growth. Use the higher rate for plants that have reached the woody stage of growth. Best results are achieved when application is made in late summer or fall after berries are formed. Fall treatments must be applied before a killing frost. This product's activity symptoms may not occur before frost with fall treatments. Ensure thorough coverage when using hand-held equipment.

**Willow (Salix spp.)** — Apply this product as a 1 percent solution with hand-held equipment. Apply when trees are actively growing and when foliage is full and well developed. Ensure thorough coverage when using hand-held equipment. For best results, apply in late summer or early fall. Fall treatments must be made before any fall color occurs.

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in any manner inconsistent with its labeling.

### NON-CROP USES

See "General Information" and "Mixing and Application Instructions" sections of this label for essential product performance information.

See the following NON-CROP SECTIONS for specific recommended uses.

**EXTREME CARE MUST BE EXERCISED TO AVOID CONTACT OF SPRAY WITH FOLIAGE OF DESIRABLE TURFGRASSES, TREES, SHRUBS, OR OTHER DESIRABLE VEGETATION SINCE SEVERE DAMAGE OR DESTRUCTION MAY RESULT.**

**NOTE:** If spraying areas adjacent to desirable plants use a shield made of cardboard, sheet metal or plywood while spraying to help prevent spray from contacting foliage of desirable plants.

Repeat treatments may be necessary to control weeds regenerating from underground parts or seeds.

Non-Crop Uses

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**Hamamelis (Lonicera spp.)** — Apply 3 to 4 quarts of this product per acre as a broadcast spray or as a 1 to 1½ percent solution with hand-held equipment. Apply when plants are actively growing and are at or beyond the bloom stage of growth. Use the higher rate for plants that have reached the woody stage of growth. Ensure thorough coverage when using hand-held equipment.

**Kudzu (Pueraria lobata)** — Apply 4 quarts of this product per acre as a broadcast spray or as a 2 percent solution with hand-held equipment. Apply product when vines are actively growing and most are at or beyond the early to full bloom stage of growth. Repeat applications will be required to maintain control. Fall treatments must be applied before frost. Ensure thorough coverage when using hand-held equipment.

**Maples (Acer spp.)/Oaks (Quercus spp.)** — Apply as a 1 to 1½ percent solution with hand-held equipment. Apply product over top of actively growing plants. Apply when at least 50 percent of the new leaves are fully developed. Use the higher rate for large mature trees. Ensure thorough coverage when using hand-held equipment.

**Multiflora Rose (Rosa multiflora)** — Apply 2 quarts of this product per acre as a broadcast spray or as a 1 percent solution with hand-held equipment. Apply product when canes are actively growing and most are at or beyond the early to full bloom stage of growth. Treatments should be made prior to leaf deterioration by leaf-feeding insects. Fall treatments must be applied before a killing frost. Symptoms may not occur before frost with fall treatments.

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### Non-Crop Uses cont'd.

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CP 70139 herbicide does not provide residual weed control. For subsequent weed control, follow a label approved herbicide program. Read and carefully observe the cautionary statements and all other information appearing on the labels of all herbicides used.

### INDUSTRIAL, RECREATIONAL AND PUBLIC AREAS

When applied as directed for "Non-Crop Uses" under conditions described, this product controls annual and perennial weeds listed on this label growing in areas such as airports, ditch banks, dry ditches, dry canals, fence rows, golf courses, highways, industrial plant sites, lumberyards, parking areas, parks, petroleum tank farms and pumping installations, pipelines, power and telephone rights-of-way, railroad roadsides, schools, storage areas, other public areas and similar industrial or non-crop areas.

For specific rates of application and instructions for control of various annual and perennial weeds and woody brush and trees, see the "Weeds Controlled" section of this label.

This product may be applied with recirculating sprayers, shielded applicators, or wiper applicators in any non-crop site specified on this label. See the "Selective Equipment" part of "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label for information on proper use and calibration of this equipment.

Ensure thorough coverage when using hand-held equipment. Spot treated areas in pastures must not be grazed by domestic livestock for a minimum of 8 weeks following application.

**Pinon fry (Rhus radicans)/Pinon Oak (Rhus torreyana)** — Apply 4 to 5 quarts of this product per acre as a broadcast spray or as a 2 percent solution with hand-held equipment. Apply when plants are actively growing at or beyond the early to full bloom stage of growth. Best results are achieved when application is made in late summer after fruit is formed. Repeat applications will be required to maintain control. Fall treatments must be applied before a killing frost and before leaves lose green color. This product's activity symptoms may not occur before frost with fall treatments. Use the higher rate for plants that have reached the woody stage of growth.

**Trumpet Creeper (Campsis radicans)** — Apply 2 to 3 quarts of this product per acre as a broadcast spray or as a 1 to 1½ percent solution with hand-held equipment. Apply when vines are actively growing at or beyond the early to full bloom stage of growth. Best results are achieved when application is made in late summer or fall after fruit is formed. Fall treatments must be applied before a killing frost. This product's activity symptoms may not occur before frost with fall treatments. Use the higher rate for plants that have reached the woody stage of growth.

### FARMSTEAD WEED CONTROL

When applied as directed for "Non-Crop Uses" under conditions described, this product controls undesirable vegetation listed on this label around farmstead building foundations, along and in fences, shelterbelts, and for general non-selective farmstead weed control.

For specific rates of application and instructions for control of various annual and perennial weeds, see the "Weeds Controlled" section of this label.

### ORNAMENTALS

**NOTE. NOT RECOMMENDED FOR DOMESTIC APPLICATION EXCEPT BY PROFESSIONAL APPLICATORS**

When applied as directed for "Non-Crop Uses" under conditions described, this product controls undesirable vegetation listed on this label prior to planting and in established ornamentals.

For specific rates of application and instructions for control of various annual and perennial weeds, see the "Weeds Controlled" section of this label.

Where repeat applications are necessary, do not exceed 10.6 quarts of this product per acre per year.

**Site Preparation** — Following repeat applications of this product any ornamental species may be planted. Precautions should be taken to protect non-target plants during site preparation applications.

Non-Crop uses cont'd.

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**Post Directed Spray** — Use as a directed spray toward the base of established woody ornamental species listed below.

|                          |                       |
|--------------------------|-----------------------|
| <i>Arbutus</i>           | <i>Magnolia</i>       |
| <i>Thuja</i> spp.        | <i>Magnolia</i> spp.  |
| <i>Azalea</i>            | <i>Maple</i>          |
| <i>Rhododendron</i> spp. | <i>Acer</i> spp.      |
| <i>Bursera</i>           | <i>Oak</i>            |
| <i>Buxus</i> spp.        | <i>Quercus</i> spp.   |
| <i>Crapehelle</i>        | <i>Privet</i>         |
| <i>Malus</i> spp.        | <i>Ligustrum</i> spp. |
| <i>Eunymus</i>           | <i>Pine</i>           |
| <i>Eunymus</i> spp.      | <i>Pinus</i> spp.     |
| <i>Fir</i>               | <i>Spruce</i>         |
| <i>Abies</i> spp.        | <i>Picea</i> spp.     |
| <i>Holly</i>             | <i>Yew</i>            |
| <i>Ilex</i> spp.         | <i>Taxus</i> spp.     |
| <i>Lilac</i>             |                       |
| <i>Syringa</i> spp.      |                       |

\*Includes all established Christmas Tree Plantations.

### SILVICULTURAL SITES and RIGHTS-OF-WAY

When applied as directed for "Non-Crop Uses" under conditions described, this product controls undesirable vegetation listed on this label. This product also suppresses or controls undesirable vegetation listed on this label when applied at recommended rates for release of established coniferous species listed on this label.

undesirable deciduous species are acceptable provided no major leaf fall has occurred. Annual and perennial weeds or woody brush or trees listed on this label may be controlled or suppressed.

For release, apply only where conifers have been established for more than a year. Vegetation should not be disturbed prior to treatment or until visual symptoms appear after treatment. Symptoms of treatment are slow to appear, especially in woody species treated in late fall. Injury may occur to conifers treated for release, especially where spray patterns overlap or the higher rates are applied or when applications are made during periods of active conifer growth.

**NOTE:** This product is not recommended for use as an over-the-top broadcast spray in silvicultural nurseries. DO NOT USE FOR CONIFER RELEASE IN THE FOLLOWING STATES: ALABAMA, ARKANSAS, FLORIDA, GEORGIA, LOUISIANA, MISSISSIPPI, NORTH CAROLINA, SOUTH CAROLINA, TENNESSEE, TEXAS AND VIRGINIA.

FOR USE IN CONIFER RELEASE WEST OF THE CREST OF THE CASCADE MOUNTAINS.

**Spring Applications** — Apply one quart of this product per acre before bud swell of conifers for control of annual weeds listed on the label.

For specific rates of application and instructions for control of various brush, annual and perennial weeds, see the "Weeds Controlled" section of this label. For specific rates of application for release of listed coniferous species, see the "Conifer Release" part of this section of the label.

Where repeat applications are necessary, do not exceed 10.6 quarts of this product per acre per year.

**Aerial Application** — This product may be applied using aerial spray equipment for silvicultural site preparation, conifer release and rights-of-way treatments. See the "Application Equipment and Techniques" part of the "Mixing and Application" section of this label for information on how to properly spray this product by air.

In order to reduce the drift hazard to non-targeted plants and aquatic species when making aerial applications, maintain the following buffer zones:

1. Do not apply this product within 200 feet of any agricultural, horticultural, park, golf course, homestead or any populated areas.
2. For applications using more than 2 quarts per acre of this product do not apply within 125 feet of lakes, ponds and streams used for significant domestic purposes or angling.
3. For applications using 2 quarts or less per acre of this product, do not apply within 75 feet of lakes, ponds and streams used for significant domestic purposes or angling.

4. When making applications on rights-of-way from 75 feet or more above ground level, do not apply within 400 feet of any agricultural, horticultural, park, golf course, homestead, populated areas, lakes, ponds and streams used for significant domestic purposes or angling.

**Site Preparation** — Following preplant applications of this product, any silvicultural species may be planted.

**Post Directed Spray** — In established silvicultural sites, use as a spray at the foliage of undesirable vegetation. Care must be exercised to avoid contact of spray, drift or mist with foliage or green bark of desirable species.

**Conifer Release** — Apply 1½ to 2 quarts of this product per acre for release of the following coniferous species:

|                              |                   |
|------------------------------|-------------------|
| <i>Douglas fir</i>           | <i>Pinus</i>      |
| <i>Pseudotsuga menziesii</i> | <i>Pinus</i> spp. |
| <i>Fir</i>                   | <i>Spruce</i>     |
| <i>Abies</i> spp.            | <i>Picea</i> spp. |
| <i>Hemlock</i>               |                   |
| <i>Tsuga</i> spp.            |                   |

Applications must be made after formation of final conifer resting buds in the fall or prior to initial bud swelling in spring. Some autumn colors on

**Fall Applications** — Apply 1 to 1½ quarts of this product per acre before leaf abscission of deciduous species. Apply only if no major leaf fall has occurred. Some autumn colors are acceptable.

Apply 1 quart of this product per acre for release of western hemlock.

#### NOTE TO USER

This product must not be used in areas where adverse impact on Federally designated endangered/threatened plant or aquatic species is likely.

Prior to making applications the user of this product must determine that no such species are located in or immediately adjacent to the area to be treated.

### TURFGRASSES AND GRASSES FOR SEED PRODUCTION

**NOTE:** NOT RECOMMENDED FOR DOMESTIC APPLICATION EXCEPT BY PROFESSIONAL APPLICATORS.

When applied as directed for "Non-Crop Uses" under conditions described, this product controls most existing vegetation prior to the planting or renovation of either turfgrasses or grass seed production areas.

For specific rates of application and instructions for control of various annual and perennial weeds, and woody brush and trees see the "Weeds Controlled" section of this label.

For maximum control of existing vegetation, delay planting to determine if any regrowing from escaped underground plant parts occurs. Where repeat treatments are necessary, sufficient regrowth must be attained prior to application. For warm-season grasses, such as bermudagrass, summer or fall application provide best control.

**DO NOT DISTURB SOIL OR UNDERGROUND PLANT PARTS BEFORE TREATMENT.** Tillage or renovation techniques such as vertical mowing, coring or slicing should be delayed for 7 days after application to allow proper translocation into underground plant parts.

#### TURFGRASSES

Where existing vegetation is growing in a field or unmowed situation, apply this product to actively growing weeds at the stages of growth given in the "Weeds Controlled" section of this label.

Where existing vegetation is growing under mowed turfgrass management, apply this product after omitting at least one regular mowing to allow sufficient growth for good interception of the spray. Desirable turfgrasses may be planted following the above procedures.

### GRANTS FOR SEED PRODUCTION

Apply this product to actively growing weeds at the stages of growth given in the "Weeds Controlled" section of this label prior to planting or renovation of turf or forage grass areas grown for seed production.

DO NOT feed or graze treated areas within 8 weeks after application.

## CROPPING SYSTEMS

See "General Information" and "Mixing and Application Instructions" sections of this label for essential product performance information.

See the following CROPPING SYSTEM SECTIONS  
for specific recommended uses

**EXTREME CARE MUST BE EXERCISED TO AVOID CONTACT OF SPRAY WITH FOLIAGE, GREEN STEMS OR FRUIT OF DESIRABLE CROPS, PLANTS, TREES OR OTHER DESIRABLE VEGETATION SINCE SEVERE DAMAGE OR DESTRUCTION MAY RESULT.**

Repeat treatments may be necessary to control weeds regenerating from under ground parts or seed. Except as otherwise specified on this label, repeat treatments must be made before the crop emerges in accordance with the instructions of this label.

## ASPARAGUS

When applied as directed for "Cropping Systems" under the conditions described, this product controls weeds listed on this label in asparagus.

For specific rates of applications and instructions for control of various annual and perennial weeds, see the "Weeds Controlled" section of this label.

**Prior to Crop Emergence** — Apply this product prior to crop emergence for the control of emerged labeled annual and perennial weeds. **DO NOT APPLY WITHIN A WEEK BEFORE THE FIRST SPEARS EMERGE.**

**Post Harvest**—Apply this product after the last harvest and all spears have been removed. If spears are allowed to regrow, delay application until ferns have developed. Delayed treatments should be applied as a directed or shielded spray in order to avoid contact of the spray with ferns, stems or spears. Direct contact of the spray with the asparagus may result in serious crop injury.

**NOTE:** Select and use proper spray equipment for post-emergence post harvest applications. A directed spray is any application where the spray pattern is aligned in such a way as to avoid direct contact of the spray with the crop. A shielded spray is any application where a physical barrier is positioned and maintained between the spray and the crop to prevent contact of spray with the crop.

Except as otherwise specified in a Crop section of this label the combined total of all treatments must not exceed 8 quarts per acre of this product per year.

Do not plant subsequent crops other than those on the label for one year following application.

Do not graze treated cotton fields or feed treated cotton forage to livestock.

For other cropping systems do not feed or forage treated crops within 8 weeks after application.

CP 70139 herbicide does not provide residual weed control. For subsequent residual weed control follow a label approved herbicide program. Read and carefully observe the cautionary statements and all other information appearing on the labels of all herbicides used.

|              |                  |
|--------------|------------------|
| ALFALFA      | OATS             |
| BARLEY       | PEAS             |
| BEANS        | English or Green |
| Edible (All) | SORGHUM (Milo)   |
| COTTON       | SOYBEANS         |
| CORN (AID)   | WHEAT            |

When applied as directed for "Cropping Systems", under the conditions described, this product controls annual and perennial weeds listed on this label, prior to the emergence of these crops.

### Fallow and Reduced Tillage Systems

When applied as directed under the conditions described for fallow and reduced tillage systems, this product plus an approved agricultural nonionic surfactant will control the following emerged weeds:

**VOLUNTEER CEREALS OR SMALL-GRAIN COVER CROPS**

| Barley                        | Wheat                        |
|-------------------------------|------------------------------|
| <i>Hordeum vulgare</i>        | <i>Triticum aestivum</i>     |
| Rye                           |                              |
| <i>Secale cereale</i>         |                              |
| <b>ANNUAL GRASS WEEDS</b>     |                              |
| Brome (downy)                 | Oat (wild)                   |
| <i>Bromus tectorum</i>        | <i>Avena fatua</i>           |
| Foxtails                      | Ryegrass (annual)            |
| <i>Setaria</i> spp.           | <i>Lolium multiflorum</i>    |
| <b>ANNUAL BROADLEAF WEEDS</b> |                              |
| Falseflax (smallseed)         | Mustard (tumble)             |
| <i>Camelina microcarpa</i>    | <i>Sisymbrium altissimum</i> |
| Mustard (lansy)               | Pennycress (field),          |
| <i>Descurainia pinnata</i>    | facinated                    |
|                               | <i>Thlaspi arvense</i>       |

Use this product in fallow and reduced tillage systems prior to the emergence of lentils, peas, or crops listed on this label.

This product does not provide residual weed control; therefore, delay herbicide applications until maximum emergence of annual weeds, but before weeds are greater than 6 inches tall. Reduced control may be observed when applied to weeds which have been cut to less than 6 inches tall.

For dilution and rates of application using Boom or Hand-Held Equipment, see "Mixing and Application" and "Weeds Controlled" sections of this label.

**Spot Treatment.** (Except Alfalfa and edible Beans and Peas) — Applications in growing crops must be made prior to heading of small grains and mulo, initial pod set in soybeans, silking of corn and boll opening on cotton.

For dilution and rates of application using Boom or Hand-Held Equipment, see "Mixing and Application" and "Weeds Controlled" sections of this label.

NOTE: DO NOT TREAT MORE THAN 10% OF THE TOTAL FIELD AREA TO BE HARVESTED

THE CROP RECEIVING SPRAY IN TREATED AREA  
WILL BE KILLED. TAKE CARE TO AVOID DRIFT  
OR SPRAY OUTSIDE TARGET AREA FOR THE  
SAME REASON.

**Selective Equipment** — This product may be applied through recirculating sprayers, shielded applicators, or wiper applicators in cotton and soybeans.

See the "Selective Equipment" part of the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label for information on proper use and calibration of this equipment.

Do not harvest cotton or soybeans within 7 days after application

Avoid spraying when weeds are subject to moisture stress, when dust is on foliage, or when sun canopy covers the weeds.

This product may be applied using ground or aerial spray equipment for weed control on fallow lands or small-grain stubble. See the 'Application Equipment and Techniques' section of this label for instructions.

Apply 1 pint of this product per acre plus 0.5% by volume of an agriculturally approved NONIONIC surfactant in the recommended spray solution.

**For Ground Applications:** apply in 5 to 20 gallons of water per acre.

For Aerial Applications: apply in 3 to 10 gallons of water per acre.

**Mixing instructions:** fill spray tank with the required amount of water. Add the proper amounts of herbicide and surfactant, and mix well before using.

| Volume<br>gallons/acre | Monomonic Surfactant Rate<br>fl oz / acre |
|------------------------|-------------------------------------------|
| 3*                     | 2.0                                       |
| 5                      | 3.0                                       |
| 10**                   | 6.5                                       |
| 15                     | 9.5                                       |
| 20                     | 13.0                                      |

\*Minimum aerial application rate. Not to be used for ground applications.

Maximum serial application rate

## SUGARCANE

When applied as directed for "Crapping Systems," under the condition described, this product controls those emerged annual and perennial weeds listed on this label growing in or around sugarcane or in fields to be planted to sugarcane. This product will also control undesirable sugarcane.

NOTE: Where repeat treatments are necessary, do not exceed a total of 10.6 quarts of this product per acre per year. Do not apply to vegetation in or around ditches, canals or ponds containing water to be used for irrigation.

Broadcast Treatment — Apply this product in 20 to 60 gallons of water per acre on emerged weeds growing in fields to be planted to sugarcane.

For specific rates of application and instructions for control of various annual and perennial weeds see the "Weeds Controlled" section of this label.

For removal of last stubble or ratoon cane, apply 4 to 5 quarts of this product in 20 to 60 gallons of water per acre to new growth having at least 7 or more new leaves. Allow 7 or more days after application before tillage.

Spot Treatment in or Around Sugarcane Fields — For dilution and rates of application using Hand-Held Equipment, see "Mixing and Application" and "Weeds Controlled" sections of this label.

For control of volunteer or diseased sugarcane, make a 1% solution of this product in water and spray to wet the foliage of vegetation to be controlled.

NOTE: When spraying volunteer or diseased sugarcane, the plants should have at least 7 new leaves.

Avoid spray contact with healthy cane plants since severe damage or destruction may result.

## TANK MIXTURES Minimum Tillage Systems

### CORN

When applied as recommended under the conditions described, these tank mixtures control many emerged weeds, and give preemergence control of many annual weeds when corn will be planted directly into a cover crop, established sod, or in previous crop residues.

Refer to specific product labels for crop rotation restrictions and cautionary statements of all products used in these tank mixtures. Lasso® EC herbicide may be substituted for Lasso® herbicide in these tank mixtures. For mixing instructions, see the "Mixing and Application Instructions" section of this label.

Minimum Tillage Systems, 50

Use of 2 to 4 quarts of CP 70139 herbicide per acre in these tank mixtures, under these conditions provides top kill and reduces competition from many emerged perennial grass and broadleaf weeds. For emerged perennial weeds controlled, see the "Weeds Controlled" section of this label. To obtain control, follow recommendations on this label for stage of growth and rate of application for specific perennial weeds. To obtain the desired stage of growth, it may be necessary to apply CP 70139 herbicide alone in the late summer or fall and then follow with a label approved seedling weed control program at planting.

NOTE: When using these tank mixtures, do not exceed 4 quarts of CP 70139 herbicide per acre.

USE OF THESE TANK MIXTURES FOR BERMUDAGRASS OR JOHNSONGRASS CONTROL IN MINIMUM TILLAGE SYSTEMS IS NOT RECOMMENDED. For bermudagrass control, follow the instructions under "Control of Perennial Weeds" section of this label and then use a label approved seedling weed control program in a minimum tillage or conventional tillage system. For johnsongrass control, follow the instructions under the "Control of Perennial Weeds" section of the label, and then use a label approved seedling weed control program with conventional tillage.

## PREEMERGENCE WEED CONTROL

### LASO®

For weeds controlled preemergence, see the "Weed Control with Lasso®" section of the label for Lasso herbicide.

See the following table for recommended rates of Lasso in this tank mixture with CP 70139 herbicide on various soil types:

| LASO®                   |                 |
|-------------------------|-----------------|
| BROADCAST RATE PER ACRE |                 |
| SOIL TEXTURE GROUP*     | Lasso® (quarts) |
| COARSE                  | 2.5 to 3        |
| MEDIUM                  | 3               |
| FINE                    | 3.5 to 4        |

\*Refer to the Soil Texture section of the label to determine the corresponding soil texture group for the soil to be treated.

Use the higher rate of Lasso® herbicide in the recommended ranges in areas of heavy grass infestation, or when organic matter content is 3 percent or more.

\*Lasso is a registered trademark of Monsanto Company.

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### CP 70139 plus LASO®

Do not use these tank mixtures on sand or loamy sand soils.

### CP 70139 plus LASO® plus ATRAZINE

### CP 70139 plus LASO® plus BLADEx™

### CP 70139 plus LASO® plus PRINCEP™

### CP 70139 plus ATRAZINE plus PRINCEP™

Apply these tank mixtures in 20 to 60 gallons of water per acre immediately before, during or after planting, but BEFORE CROP EMERGENCE. As density of stubble, crop residue or weeds increases, spray gallonage and rate should be increased within the recommended ranges to insure complete coverage.

## CONTROL OF EMERGED WEEDS

Annual Weeds — Apply to actively growing grasses and broadleaf weeds. Use 1 quart of CP 70139 herbicide per acre in these tank mixtures if weeds are less than 6 inches tall. If weeds are over 6 inches tall, apply 1.5 quarts of this product per acre. For emerged annual weeds controlled, see the "Weeds Controlled" section of this label.

Perennial Weeds — At normal application dates in minimum tillage systems, perennial weeds may not be at the proper stage of growth for control. See the "General Information" section of this label for the proper stage of growth for perennial weeds.

## LASSO® plus ATRAZINE

For weeds controlled preemergence, see the "Weed Control with Lasso® and Lasso plus atrazine (Tank Mixture)" sections of the label for Lasso herbicide. See the following table for recommended rates of Lasso plus atrazine 80W in this tank mixture with CP 70139 herbicide on various soil types.

| Lasso® plus atrazine    |                 |                         |
|-------------------------|-----------------|-------------------------|
| BROADCAST RATE PER ACRE |                 |                         |
| SOIL TEXTURE GROUP*     | Lasso® (Quarts) | atrazine 80W** (Pounds) |
| COARSE                  |                 |                         |
| Sandy Loam only         | 2 to 2.5        | 1.25 to 1.5             |
| MEDIUM                  | 2.5 to 3        | 1.5 to 2                |
| FINE                    | 2.5 to 3        | 2 to 2.5                |

\*Refer to the Soil Texture section of the label to determine the corresponding soil texture group for the soil to be treated.

\*\*When using atrazine 4L or AAtrex™ 440, use equivalent rates. One quart equals 1.25 pound of atrazine 80W.

Use the higher rate of Lasso® herbicide in the recommended ranges in areas of heavy grass infestation or when fall panicum or crabgrass will be present.

Use the higher rate of atrazine in the recommended ranges on soils with greater than 3% organic matter.

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### ■ LASSO® plus BLADEx™ ■

For weeds controlled preemergence, see the "Weed Control with Lasso and Lasso plus Bladex (Tank Mixture)" sections of the label for Lasso herbicide.

See the following table for recommended rates of Lasso plus Bladex in this tank mixture with CP 70139 herbicide on various soil types.

#### Lasso® plus Bladex™

| SOIL TEXTURE GROUP™ | BROADCAST RATE PER ACRE |                     |
|---------------------|-------------------------|---------------------|
|                     | Lasso® (quarts)         | Bladex™ 4L (quarts) |
| COARSE              | 2 to 2.5                | 1 to 1.6            |
| MEDIUM              | 2.5 to 3                | 1.2 to 1.6          |
| FINE                | 2.5 to 3                | 1.6 to 2.2          |

\*Refer to the Soil Texture section of the label to determine the corresponding soil texture group for the soil to be treated.

\*\*When using Bladex 80W use equivalent rates. One quart Bladex 4L equals 1.25 lbs. of Bladex 80W.

Use the higher rate of Lasso® herbicide in the recommended ranges in areas of heavy grass infestation or when fall panicum or crabgrass will be present.

Use the higher rate of Bladex in the recommended ranges on soils with greater than 3% organic matter.

NOTE: Do not use this mixture on sand or loamy sand soils with less than 2% organic matter.

\*\*\*Bladex is a trademark of the Shell Chemical Company.

### ■ LASSO® plus PRINCEP™ ■

For weeds controlled preemergence see the "Weed Control" sections of the labels for Lasso and Princep.

See the following table for recommended rates of Lasso plus Princep in this tank mixture with CP 70139 herbicide on various soil types.

#### Lasso® plus Princep™ 80W

| SOIL TEXTURE GROUP™ | BROADCAST RATE PER ACRE |                       |
|---------------------|-------------------------|-----------------------|
|                     | Lasso® (Quarts)         | Princep 80W™ (Pounds) |
| COARSE              |                         |                       |
| Sandy (loam only)   | 2 to 2.5                | 1.25 to 1.5           |
| MEDIUM              | 2.5 to 3                | 1.5 to 2              |
| FINE                | 2.5 to 3                | 2 to 2.5              |

\*Refer to the Soil Texture section of the label to determine the corresponding soil texture group for the soil to be treated.

\*\*When using Princep 4L use equivalent rates. One quart equals 1.25 pounds of Princep 80W.

Use the higher rate of Lasso® herbicide in the recommended ranges in areas of heavy grass infestation or when fall panicum or crabgrass will be present.

Use the higher rate of Princep herbicide in the recommended ranges on soils with greater than 3% organic matter.

\*\*\*Lasso is a registered trademark of Monsanto Company.

\*\*\*Princep is a registered trademark of Ciba-Geigy Corporation.

\*\*\*Atrazine is a registered trademark of Ciba-Geigy Corporation.

### ■ ATRAZINE plus PRINCEP™ ■

For weeds controlled preemergence see the "Weed Control" sections of the labels for atrazine and Princep.

See the following table for recommended rates of atrazine 80W and Princep 80W in this tank mixture with CP 70139 herbicide on various soil types.

#### Atrazine 80W plus Princep™ 80W

| SOIL TEXTURE GROUP™ | BROADCAST RATE PER ACRE |                       |
|---------------------|-------------------------|-----------------------|
|                     | atrazine 80W™ (Pounds)  | Princep 80W™ (Pounds) |
| COARSE              |                         |                       |
| Sandy (loam only)   | 1.25                    | 1.25                  |
| MEDIUM              | 1.25 to 1.75            | 1.25 to 1.75          |
| FINE                | 1.5 to 2                | 1.5 to 2              |

\*Refer to the Soil Texture of the label to determine the corresponding soil texture group for the soil to be treated.

\*\*When using atrazine 4L, Aatraz 4LC or Princep 4L use equivalent rates. One quart equals 1.25 pounds of atrazine 80W or Princep 80W.

Use the higher rate of these products in the recommended ranges on soils with greater than 3% organic matter.

\*\*\*Princep is a registered trademark of Ciba-Geigy Corporation.

\*\*\*Atrazine is a registered trademark of Ciba-Geigy Corporation.

### ■ TANK MIXTURES ■

#### Minimum Tillage Systems

#### SOYBEANS

When applied as directed under the conditions described, these tank mixtures control many emerged annual weeds, suppress many emerged perennial weeds and give preemergence control of many annual weeds when soybeans will be planted directly into a cover crop, stale seed bed, or in previous crop residues such as wheat stubble. These tank mixtures will not control regrowth from perennial weeds.

Refer to specific product labels for crop rotation restrictions and cautionary statements of all products used in these tank mixtures. Lasso® EC herbicide may be substituted for Lasso® herbicide in these tank mixtures. For mixing instructions, see the "Mixing and Application Instructions" section of this label.

#### Minimum Tillage Systems, Soybeans cont'd.

- CP 70139 plus LASSO® ■
- or
- CP 70139 plus LASSO® plus LOROX™ ■
- or
- CP 70139 plus LASSO® plus LEXONE™ ■
- or
- CP 70139 plus LASSO® plus SENCOR™ ■

Apply these tank mixtures in 20 to 60 gallons of water per acre immediately before, during or after planting, but BEFORE CROP EMERGENCE. As density of stubble, crop residue or weeds increases, spray gallonage and rate should be increased within the recommended ranges to insure complete coverage.

#### CONTROL OF EMERGED WEEDS

**Annual Weeds** — Apply to actively growing grasses and broadleaf weeds. Use 1 quart of CP 70139 herbicide per acre in these tank mixtures if weeds are less than 6 inches tall. If weeds are over 6 inches tall, apply 1.5 quarts of this product per acre. For emerged annual weeds controlled, see the "Weeds Controlled" section of this label.

**Perennial Weeds** — At normal application dates in minimum tillage systems, perennial weeds may not be at the proper stage of growth for control. See the "General Information" section of this label for the proper stage of growth for perennial weeds. Use of 2 to 4 quarts of CP 70139 herbicide per acre in these tank mixtures under these conditions provides top kill and reduces competition from many

emerged perennial grass and broadleaf weeds. For emerged perennial weeds controlled, see the "Weeds Controlled" section of this label. To obtain control, follow recommendations on this label for stage of growth and rate of application for specific perennial weeds. To obtain the desired stage of growth, it may be necessary to apply CP 70139 herbicide alone in the late summer or fall and then follow with a label approved seedling weed control program at planting.

NOTE: When using these tank mixtures, do not exceed 4 quarts of CP 70139 herbicide per acre.

**USE OF THESE TANK MIXTURES FOR BERMUDA GRASS OR JOHNSONGRASS CONTROL IN MINIMUM TILLAGE SYSTEMS IS NOT RECOMMENDED.** For bermudagrass control, follow the instructions under "Control of Perennial Weeds" section of this label and then use a label approved seedling weed control program in a minimum tillage or conventional tillage system. For johnsongrass control, follow the instructions under the "Control of Perennial Weeds" section of the label, and then use a label approved seedling weed control program with conventional tillage.

#### PREEMERGENCE WEED CONTROL

### ■ LASSO® ■

For weeds controlled preemergence, see the "Weed Control with Lasso" section of the label for Lasso herbicide.

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See the following table for recommended rates of Lasso in this tank mixture on various soil types:

| BROADCAST RATE PER ACRE |                 |
|-------------------------|-----------------|
| SOIL TEXTURE GROUP*     | Lasso* (quarts) |
| COARSE                  | 2.5 to 3        |
| MEDIUM                  | 3               |
| FINE                    | 3.5 to 4        |

\*Refer to the Soil Texture section of the label to determine the corresponding soil texture group for the soil to be treated.

Use the higher rate of Lasso\* herbicide in the recommended ranges in areas of heavy grass infestation, or when organic matter content is 3 percent or more.

\*Lasso is a registered trademark of Monsanto Company.

#### LASSO\* plus LOROX™

For weeds controlled preemergence, see the "Weed Control with Lasso\* and Lasso plus Lorox SOWP" sections of the label for Lasso herbicide.

See the following table for recommended rates of Lasso plus Lorox SOWP in this tank mixture with CP 70139 herbicide on various soil types.

#### Lasso\* plus Lorox

| SOIL TEXTURE GROUP* | BROADCAST RATE PER ACRE |                      |
|---------------------|-------------------------|----------------------|
|                     | Lasso* (Quarts)         | Lorox 50 WP (Pounds) |
| COARSE              |                         |                      |
| Sandy Loam only     | 2 to 2.5                | 1 to 1.5             |
| MEDIUM              | 2.5 to 3                | 1.5 to 2             |
| FINE                | 2.5 to 3                | 2 to 3               |

\*Refer to the Soil Texture Section of the label to determine the corresponding soil texture group for the soil to be treated.

Use the higher rate of Lasso in the recommended ranges in areas of heavy grass infestation or when fall panicum or crabgrass will be present.

Use the higher rate of Lorox SOWP in the recommended ranges on soils with greater than 3% organic matter.

Do not use this mixture on sand or loamy sand or on soil with less than 1% organic matter as crop injury from Lorox may occur.

™Lorox is a registered trademark of E. I. duPont de Nemours and Company.

\*Lasso is a registered trademark of Monsanto Company.

#### LASSO\* plus LEXONE™

#### LASSO\* plus SENCOR™

For weeds controlled preemergence, see the "Weed Control with Lasso\* and Lasso plus Lexone or Sencor" sections of the label for Lasso herbicide.

See the following table for recommended rates of Lasso plus Lexone SOWP or Lasso plus Sencor SOWP in this tank mixture on various soil types.

Lasso\* plus Lexone™ 50 WP or  
Lasso\* plus Sencor™ SOWP

| SOIL TEXTURE GROUP* | BROADCAST RATE PER ACRE |                                       |
|---------------------|-------------------------|---------------------------------------|
|                     | Lasso* (Quarts)         | Lexone SOWP™ or Sencor SOWP™ (Pounds) |
| COARSE              |                         |                                       |
| Sandy Loam only     | 2 to 2.5                | 0.5 to 0.75                           |
| MEDIUM              | 2.5 to 3                | 0.75 to 1                             |
| FINE                | 2.5 to 3                | 1 to 1.5                              |

\*Refer to the Soil Texture Section of this label to determine the corresponding soil texture group for the soil to be treated.

™When using Lexone 4L or Sencor 4 Flowable use equivalent rates. One quart equals 2 pounds of Lexone 50 WP or Sencor 50 WP.

On the silty clay or heavy clay soils of the Mississippi Delta, use 1.5 to 2 pounds of Lexone or Sencor per acre.

Use the higher rate of Lasso herbicide in the recommended ranges in areas of heavy grass infestations or when fall panicum or crabgrass will be present.

Use the higher rate of Lexone or Sencor herbicides in the recommended ranges on soils with greater than 2% organic matter.

Do not use this mixture on sand or loamy sand soils as crop injury from Lexone or Sencor may occur.

Do not use on muck soils.

Do not apply on alkaline soils with a pH of more than 7.4.

Crop injury may occur if any atrazine was applied on the soil the year before use of this Lexone or Sencor tank mixture.

DO NOT REPLANT CROPS OTHER THAN SOYBEANS FOR 120 DAYS AFTER APPLICATION.

\*Lasso is a registered trademark of Monsanto Company.

™Lorox is a registered trademark of E. I. duPont de Nemours and Company.

\*Lexone is a registered trademark of E. I. duPont de Nemours and Company.

™Sencor is a registered trademark of the parent company of Farbwerke Bayer GmbH, Leverkusen.

#### TREE CROPS

This herbicide is recommended for weed control in established groves, or orchards or for site preparation prior to transplanting.

See "General Information" and "Mixing and Application Instructions" sections of this label for essential product performance information.

**Boom Application** — Apply this product in 20 to 60 gallons of water per acre, on emerged weeds. When applying to dense vegetation using a low trailing shielded boom, use the higher rate of this herbicide in 50 to 100 gallons of water.

For specific rates of applications and instructions for control of various annual and perennial weeds, see the "Weeds Controlled" section of this label.

**Hand-Held Application** — Apply a water solution of this product as recommended in the "Mixing and Application Instructions" section of this label. Manual applications with low gallonage single nozzle tips may not provide adequate coverage in tall dense vegetation.

#### NOTE

Repeat treatments may be necessary to control weeds regenerating from under ground parts or seed. The combined total of all treatments must not exceed 10.6 quarts per acre per year. Do not feed or forage treated areas for 8 weeks after application.

EXTREME CARE MUST BE EXERCISED TO AVOID CONTACT OF SPRAY, DRIFT OR MIST WITH GREEN FOLIAGE, GREEN BARK OR BARK OF TREES ESTABLISHED LESS THAN TWO YEARS, SUCKERS, OR FRUIT OF DESIRABLE TREES, CROPS, PLANTS OR OTHER DESIRABLE VEGETATION. SPRAY CONTACT WITH OTHER THAN MATURED BARK ON THE MAIN TRUNK CAN RESULT IN SERIOUS LOCALIZED OR TRANSLOCATED DAMAGE.

If weeds have been mowed, allow regrowth to reach the recommended stage of growth prior to application of this product. Do not apply to weeds under drought stress.

CP 70139 herbicide does not provide residual weed control. For subsequent weed control, follow a label approved herbicide program. Read and carefully observe the cautionary statements and all other information appearing on the labels of all herbicides used. See the following TREE CROP SECTIONS for specific recommended uses.

|            |           |
|------------|-----------|
| AVOCADO    | LIME      |
| GRAPEFRUIT | ORANGE    |
| KUMQUAT    | TANGELO   |
| LEMON      | TANGERINE |

When applied as directed for "Tree Crops", under the conditions described, this product controls annual and perennial weeds listed on this label in these

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established groves or orchards or when used for site preparation prior to transplanting.

NOTE: Allow a minimum of 14 days between last application and harvest.

### APPLE, CHERRY and PEAR

When applied as directed for "Tree Crops", under the conditions described, this product controls annual and perennial weeds listed on this label in these established groves or orchards or when used for site preparation prior to transplanting.

NOTE: Allow a minimum of 14 days between last application and harvest.

|           |           |
|-----------|-----------|
| ALMOND    | PECAN     |
| FILBERT   | PISTACHIO |
| MACADAMIA | WALNUT    |

When applied as directed for "Tree Crops", under the conditions described, this product controls annual and perennial weeds listed on this label in these established groves or orchards or when used for site preparation prior to transplanting.

NOTE: Allow a minimum of 21 days between last application and harvest.

### GRAPES

Wine, Table, Raisin

This herbicide is recommended as a directed spray for weed control in established vineyards or for site preparation prior to transplanting new vines.

For recommended rates and application see the "General Information" and "Mixing and Application Instructions" sections of this label for essential product performance information.

Applications should not be made when green shoots or canes or foliage are in the spray zone. (In the Northeast and Great Lakes regions, applications must be made prior to the end of bloom stage of grapes to avoid injury.)

DO NOT ALLOW SPRAY, DRIFT OR MIST TO CONTACT GREEN FOLIAGE, GREEN BARK, SUCKERS OR VINES AND RENEWALS LESS THAN 3 YEARS OF AGE.

SPRAY CONTACT, OTHER THAN WITH MATURE BARK OF THE MAIN TRUNK, CAN RESULT IN SERIOUS LOCALIZED OR TRANSLOCATED DAMAGE.

Bloom Application — Apply this product in 20 to 60 gallons of water per acre, on emerged weeds.

For specific rates of applications and instructions for control of various annual and perennial weeds, see the "Weeds Controlled" section of this label.

Hand-Held Application — Apply a water solution of this product as recommended in the "Mixing and Application Instructions" section of this label.

#### NOTE

If repeat treatments are necessary for weed control in vineyards, do not exceed a total of 10.6 quarts of this product per acre per year. Do not treat between 14 days before harvest to full dormancy when no green vegetation, canes or shoots exist.

CP 70139 herbicide does not provide residual weed control. For subsequent residual weed control, follow a label-approved herbicide program. Read and carefully observe the cautionary statements and all other information appearing on the labels of all herbicides used.

EPA Reg. No. 524-326

1971.02/53

In case of an emergency involving this product, Call Collect, day or night, (314) 694-4000.

MONSANTO COMPANY  
AGRICULTURAL PRODUCTS  
ST. LOUIS, MISSOURI 63166 U.S.A.



#### CP 70139 Herbicide

##### Complete Directions for Use

Water soluble herbicide for non-selective control of many annual and perennial weeds;

In NON-CROP AREAS such as:

Industrial, Recreational and Public areas.

Farmstead Weed Control.

Ornamentals

Silvicultural Sites and Rights-of-Way

Turfgrasses and Grasses for Seed Production.

##### In CROPPING SYSTEMS:

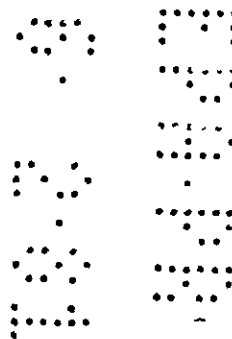
|              |                  |
|--------------|------------------|
| Alfalfa      | Oats             |
| Asparagus    | Pees             |
| Barley       | English or Green |
| Beans        | Sorghum (milo)   |
| Edible (all) | Soybeans         |
| Corn         | Sugarcane        |
| Cotton       | Wheat            |

##### In TREE CROPS:

|            |           |
|------------|-----------|
| Almond     | Macadamia |
| Apple      | Orange    |
| Avocado    | Pear      |
| Cherry     | Pecan     |
| Filbert    | Pistachio |
| Grapefruit | Tangelo   |
| Kumquat    | Tangerine |
| Lemon      | Walnut    |
| Lime       |           |

In GRAPES - Wine, Table and Raisin

In MINIMUM TILLAGE SYSTEMS for:  
Corn Soybeans



100-200-100