

JAN 28 '92 08:35

1pc CR

068 P02

ACCEPTED
28 JAN 1992

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under
EPA Reg. No. **52639-3**



SELECT
2 EC HERBICIDE

Active Ingredient By Wt.
Clothol-m 75%
Inert Ingredients 25%
Containing Petroleum Distillates
1-(1-[2-(1-(1-(3-chloro-2-propenyl)oxy)propyl)-3-(2-
(ethoxyethoxy)propyl)-3-hydroxy-2-cyclohexyl-1-one
Contains 2.8 lbs. clothol-m per gal.
U.S. Pat. No. 4,449,586

KEEP OUT OF REACH OF CHILDREN

WARNING

SEE BACK PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

PRECAUTIONAL USAGE: Do not use in areas where there are
any products that are known to be highly explosive
or flammable.

BACK COVER

FRONT COVER

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS

WARNING

Causes eye irritation. Do not get in eyes or on clothing. Wear goggles,
chemical-resistant gloves, long-sleeved shirt, long legged pants, shoes
and socks. Harmful if swallowed or inhaled. Avoid breathing vapors or
spray mist. Wash thoroughly with soap and water after handling. Remove
contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

In case of eye contact, flush eyes immediately with fresh water for 15
minutes. If swallowed, give water or milk to drink and telephone for med-
ical advice. DO NOT make person vomit unless directed to do so by med-
ical personnel. If medical advice cannot be obtained, then take person
and product container to the nearest medical emergency treatment
center or hospital. If on skin, wash with plenty of soap and water. If in-
haled, remove person from exposure area.

Note to Physicians: Emergency Information — call 1-800-451-2022 or
1-800-424-9300. This product contains a light petroleum solvent and an
asphyxiant hazard may exist.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present
or to flooded areas below the mean high water mark. Do not apply where
runoff is likely to occur. Do not apply where weather conditions favor
drift from areas treated.

Prohibited for use in those counties to avoid non-target injury to the en-
dangered grass species of
Salinas Valley — (California) Colusa, Contra Costa, Fresno, Glenn, Madera,
Merced, San Joaquin, Sutter, Stanislaus and Tehama counties.

Wild Rice — (Texas) Harris County.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

Use in accordance with Federal Law use this product in a manner consistent
with its labeling.

READ ENTIRE LABEL AND PAMPHLET. USE STRICTLY IN ACCORD-
ANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS,
AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

REENTRY STATEMENT

Keep all unprotected persons out of operating areas, or vicinity where
there may be drift.

Do not enter treated areas without protective clothing until sprays have
dried.

Certain states may require more restrictive reentry intervals; consult your
State Department of Agriculture for further information.

Written or oral warnings regarding use of protective clothing and acci-
dental exposure must be given to workers who are expected to be in
treated areas or on areas about to be treated.

GENERAL INFORMATION

Do not apply this product through any type of irrigation system.

Do not apply by air.

SELECT® is a selective postemergence herbicide for control of annual
and perennial grasses in soybeans and cotton. SELECT does not control
sedges or broadleaf weeds.

Do not allow SELECT to come in contact with desirable grass crops such
as corn, rice, sorghum, small grains, or turf, as these and other grass
crops will be injured or killed.

Winter leaf spotting may occur on soybeans and cotton under certain
environmental conditions. New foliage is not affected.

Control Symptoms

Treated grass weeds show a reduction in vigor and growth. Early
chlorosis/necrosis of younger plant tissue is followed by a progressive
collapse of the remaining foliage. Symptoms will generally be observed
in 7 to 14 days depending on grass species treated and environmental
conditions.

APPLICATION INFORMATION

Timing of Applications

Apply SELECT postemergence to actively growing grasses according to rate table recommendations. Applications made to grass plants stressed by insufficient moisture or cold temperatures, or to grass plants exceeding recommended growth stages may result in unsatisfactory control. Do not apply under these conditions.

In and regions where irrigation is used to supplement timely rainfall, SELECT should be applied as soon as possible after an irrigation within 7 days. In and regions, a second application of SELECT will generally provide more effective control of perennial grass weeds than a single application. Make second application to actively growing grass 2 to 3 weeks after emergence of new growth.

Cultivation of treated grasses 7 days prior to or within 7 days after application of SELECT may reduce weed control. DO NOT APPLY SELECT if rainfall is expected within one hour, since control may be reduced.

Ground Application

Use of sufficient spray volumes and pressure is essential to ensure complete coverage. Use a minimum of 10 gals. and a maximum of 40 gals. of spray solution per acre. Spray pressure should reflect a minimum of 20 psi and a maximum of 60 psi at the nozzle. Do not use flood nozzles.

Spot Treatment

When using hand sprayers or high volume sprayers utilizing hand guns, mix 1% SELECT and 1% non-phytotoxic crop oil concentrate according to amounts shown in the table below. Treat to wet vegetation, while not allowing runoff of spray solution.

SELECT/OR To Be Added

Desired Spray Vol. Gal.	SELECT Fl. Oz.	Oil Conc. Fl. Oz.
3	2	4
25	16	32
30	32	64
100	64	128

Addition of Crop Oil Concentrate

For ground application, add a non-phytotoxic crop oil concentrate (petroleum based) containing at least 15% emulsifier, at a rate of 1 qt. per acre to the finished spray volume.

Annual and perennial grass weed control for cotton and soybeans.

Region A

Washington, Oregon, Idaho, Montana, Wyoming, North Dakota, South Dakota, Nebraska, Kansas, Minnesota, Iowa, Missouri, Arkansas, Louisiana, Wisconsin, Illinois, Tennessee, Mississippi, Indiana, Kentucky, Ohio, Georgia, Florida, Alabama, South Carolina, North Carolina, Virginia, West Virginia, Maryland, Delaware, Pennsylvania, New Jersey, New York, Connecticut, Massachusetts, Vermont, New Hampshire, Maine, Rhode Island, Michigan, Washington D.C., Oklahoma and Texas East of Interstate 30.

Region B

Arizona, California, Colorado, Nevada, New Mexico, Utah, Oklahoma and Texas West of Interstate 30.

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RECOMMENDATIONS FOR ANNUAL GRASSES IN SOYBEANS AND COTTON

Region A & B

- Apply only to actively growing grasses at recommended weed heights.
- Apply when the target grass weed species in a mixed grass weed population reaches the recommended growth stage for treatment.
- Always add a non-phytotoxic petroleum crop oil concentrate (petroleum based) to the spray at 1 qt./acre by ground equipment.
- Do not exceed a total of 32 fl. oz./acre (0.5% oil) per season.

GRASS SPECIES		WEED* HEIGHT INCHES	1/RATE FL. OZ. ACRE	2/ HIGH RATE
Seedling	Setaria			
Johnsongrass	Setaria	4-10	8	8
Shattercane	Sorghum bicolor	4-10	8	8
Volunteer Corn	Zea mays	4-10	8	8
Wild Oats	Avena fatua	2-6	6	6
Wild Proso Millet	Panicum polycosmum	2-8	6	6
Wild Rice	Panicum capillare	2-8	6	6
Woolly Cupgrass	Echinochloa villosa	2-8	6	6
Barnyardgrass	Echinochloa crus-galli	2-6	6	6
Broadleaf	Brachiaria			
Smartweed	Galium aparine	2-6	6	6
Crofton Weed	Digitaria sanguinalis	2-6	6	6
Large Crabgrass	Digitaria sanguinalis	2-6	6	6
Small Crabgrass	Digitaria sanguinalis	2-6	6	6
Downy Woodpecker	Dactyloctenium aegyptium	2-6	6	6

GRASS SPECIES (continued)		WEED* HEIGHT INCHES	1/RATE FL. OZ. ACRE	2/ HIGH RATE
Red Top	Panicum dichotomiflorum	2-8	6	6
Red Sandbar	Cenchrus ciliaris	2-8	6	6
Field				
Blind	Setaria faberii	2-8	6	6
Green	Setaria viridis	2-8	6	6
Yellow	Setaria faberii	2-8	6	6
Goosegrass	Echinochloa indica	2-6	6	6
Hydrilla	Hydrilla verticillata	2-8	6	6
Juniper	Echinochloa crus-galli	2-8	6	6
Red Sprangletop	Leptochloa juncea	2-8	6	6
Red Rice	Oryza sativa	1-3	6	6
Southwestern	Echinochloa crus-galli	2-8	6	6
Cupgrass	Panicum polycosmum	2-8	6	6
Volunteer Corn	Zea mays	2-8	6	6
Barley	Hordeum vulgare	2-8	6	6
Oats	Avena sativa	2-8	6	6
Rye	Secale cereale	2-8	6	6
Wheat	Triticum aestivum	2-8	6	6

* Generally occurs in 2-leaf stage and flowering

** Length of lateral growth.

1/ Apply under favorable soil moisture and humidity which exists within a few days after rainfall or within 7 days after irrigation. Apply at weed height as indicated on the label.

2/ Use the high rate under heavy grass pressure and/or when grasses are at maximum height.

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RECOMMENDATIONS FOR PERENNIAL GRASSES IN SOYBEANS AND COTTON**Region A**

- Apply only to actively growing grasses at recommended weed heights.
- Apply when the first grass weed species in a mixed grass weed population reaches the recommended growth stage for treatment.
- Always add a non-phytotoxic crop oil concentrate (petroleum based) to the spray tank at 1 qt./acre by ground equipment.
- Do not exceed a total of 32 fl. oz./acre (0.5 lb. ai) per season.

GRASS SPECIES	WEED* HEIGHT INCHES	1/RATE FL. OZ. ACRE	2/ HIGH RATE
Rhizoma Johnsongrass First Application	12-24	3	10
Repeat Application(s) (if regrowth occurs)	6-10	6	8
Bermudagrass First Application	3 (or up to 8" runners)	4	16
Repeat Application(s) (if regrowth occurs)	3 (or up to 6" runners)	3	16
Quackgrass First Application	4-8	2	16
Repeat Application(s) (if regrowth occurs)	4-8	6	16

* Generally occurs between 3 leaf stage and tillering.
1/ Apply under favorable soil moisture and humidity which exists within a few days after rainfall or within 7 days after irrigation. Apply at weed height as indicated on the label.

2/ Use the high rate under heavy grass pressure and/or when grasses are at maximum height.

RESTRICTIONS AND LIMITATIONS

- Do not graze treated fields or feed treated forage or hay to livestock.
- Do not apply if rain is expected within 1 hour of application as control may be unsatisfactory.
- Do not tank mix SELECT with any pesticides or fertilizer not specified on this label.
- Do not apply a postemergence broadleaf herbicide within one day following application of SELECT or reduced grass control may result.
- Do not apply SELECT within 60 days of harvest.
- Do not apply more than 32 fl. oz. (0.5 lb. ai) per acre per season.
- Do not apply under conditions of stress.
- Grass crops such as corn, sorghum, wheat, rice, etc. are highly sensitive to SELECT.
- Do not apply under conditions favoring possible drift to food, forage or other plantings that might be damaged or the crops or feed rendered unfit for sale, use or consumption.

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- a few days after rainfall or within 7 days after irrigation. Apply at weed heights indicated on the label.
- 2/ Use the high rate under heavy grass pressure and/or when grasses are at maximum height.

RECOMMENDATIONS FOR PERENNIAL GRASSES IN SOYBEANS AND COTTON**Region B**

- Apply only to actively growing grasses at recommended weed heights.
- Apply when the first grass weed species in a mixed grass weed population reaches the recommended growth stage for treatment.
- Always add a non-phytotoxic crop oil concentrate (petroleum based) to the spray tank at 1 qt./acre by ground equipment.
- Do not exceed a total of 32 fl. oz./acre (0.5 lb. ai) per season.

GRASS SPECIES	WEED* HEIGHT INCHES	1/RATE FL. OZ. ACRE	2/ HIGH RATE
Rhizoma Johnsongrass First Application	8-10	8	16
Repeat Application(s) (if regrowth occurs)	4-8	6	8
Bermudagrass First Application	3 (or up to 6" runners)	8	16
Repeat Application(s) (if regrowth occurs)	3 (or up to 6" runners)	8	16

STORAGE AND DISPOSAL**PROHIBITIONS**

- Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.
- Open burning is prohibited.

STORAGE

- Keep pesticides in original containers.
- Do not put concentrate or dilute into food or drink containers.
- Store in cool, dry place.
- Do not store diluted spray.

Emergency Response: For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-457-2022 or 1-800-474-1308.

PESTICIDE DISPOSAL

- Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

- Triple rinse for equipment. Do not reuse container. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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IMPORTANT INFORMATION READ BEFORE USING PRODUCT

LIMITED WARRANTY: 1. Valent U.S.A. Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for use under average conditions when used strictly in accordance with the directions on the labeling. Valent does not make nor authorize any agent or representative to make any other warranty, guarantee or representation, express or implied, concerning this product. Specifically, **NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE IS MADE.**

2. Critical and unforeseeable factors beyond Valent's control prevent it from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which product is applied, lack of complete control over the handling and application of this product, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit under average conditions for the uses stated on the labeling and even though all risks and liability (except those assumed by Valent under 1 above) resulting from handling, storage, and use of the product.

3. Precautions stated on the labeling should be followed to avoid hazardous exposure to the product.

Manufactured for
Valent U.S.A. Corporation © 1991
Walnut Creek, CA 94596-1075
Form 317-B Made in U.S.A.
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EPA Est. 729-VQ 1