

PM 23

59639-102

3-31-98

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
59639-102

Date of Issuance:
MAR 31 1998

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance:
Conditional

Name of Pesticide Product:
Select Super Herbicide

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):
Valent U.S.A. Corporation
1333 N. California Blvd., Suite 600
Walnut Creek, CA 94596

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the following label changes before you release the product for shipment:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 59639-102".
 - b. Change the word "irritation" to "symptoms" at the end of the dermal statement in the Statement of Practical Treatment so that it reads "Get medical attention if symptoms persist."
 - c. Revise the restricted entry interval (REI) located in the Agricultural Use Requirements Box to 24 hours.

Signature of Approving Official:

Date:
MAR 31 1998

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3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Enclosure

DK:305-7546:HB/PM23

CONCURRENCES

SYMBOL ▶	7505C						
SURNAME ▶	D. KENNY						
DATE ▶	3/30/98						



ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 31 1998

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
59639-102

SELECT[®] SUPER HERBICIDE

Active Ingredient	By Wt.
*Clethodim	13.2%
Inert Ingredients	86.8%
Contains Petroleum Distillates	
* (E)-2-[1-[(3-chloro-2-propenyl)oxy]imino]propyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one	

Contains 1.0 lbs. clethodim per gal.

U.S. Pat. No. 4,440,566

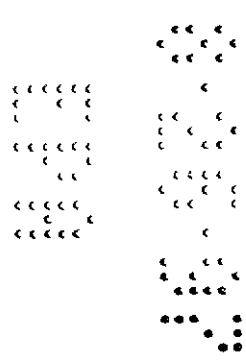
KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE NEXT PAGE FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT

- If in eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.
- If on skin:** Wash with plenty of soap and water. Get medical attention if irritation persists.
- If swallowed:** Call a doctor or get medical attention. Do not induce vomiting. Drink promptly a large quantity of milk, egg white, gelatin solution, or if these are not available, large quantities of water. Do not give anything by mouth to an unconscious person. Avoid alcohol.
- If inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Note to Physicians: Emergency Information - call 1-800-892-0099. This product contains a petroleum solvent, and an aspiration hazard may exist.

Personal Protective Equipment (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves such as barrier laminate or viton \geq 14 mils, shoes plus socks, and protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS	
Users should:	
●	Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
●	Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
●	Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present or to intertidal 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. Do not contaminate water when disposing of equipment washwater or rinsate.

The use of this product may pose a hazard to the federally designated endangered species of Solano Grass and Wild Rice. Use of this product is prohibited in the following areas where the species are known to exist:

Solano Grass: Solano County, California: the vernal lakes area bounded by the Union Pacific Railroad and Hastings Road to the north, Highway 113 to the east, Highway 12 to the south, and Travis Air Force Base to the west.

Wild Rice: Hays County, Texas.

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DIRECTIONS FOR USE

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

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, chemical-resistant gloves, such as barrier laminate or viton \geq 14 mils, shoes plus socks, and protective eyewear.

DISCLAIMER, CONDITIONS OF SALE, LIMITED WARRANTY AND LIMITATION OF LIABILITY

IMPORTANT: Read the entire Label including this Disclaimer, Limited Warranty and Limitation of Liability before using this product. If the terms are not acceptable, return the unopened product within 15 days of purchase.

RISKS OF USING THIS PRODUCT

It is impossible to eliminate all risks associated with the use of this product. Such risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests or weeds, resistance, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, non-performance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, moisture conditions, irrigation practices, presence of other materials, cultural practices or the manner of use or application, all of which are factors beyond the control of Valent. All such risks shall be assumed by the Buyer. Valent shall not be responsible for losses or damages resulting from use of this product in any manner not set forth on the label. User assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

LIMITED WARRANTY

Valent warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label and subject to the Risks of Using This Product described above.

DISCLAIMER OF ALL OTHER WARRANTIES

VALENT MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

LIMITATION OF LIABILITY

In no event shall Valent or Seller be liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THIS PRODUCT.

NO AMENDMENTS

Valent and Seller offer this product, and Buyer and User accept it, subject to the foregoing Disclaimer, Conditions of Sale, Limited Warranty and Limitation of Liability, which may not be modified by any oral or written agreement.

PROMPT NOTICE OF CLAIM

Valent must have prompt notice as soon as Buyer or User has reason to believe they may have a claim (not to exceed twenty-one days from date of application) so that an immediate inspection of the affected property and growing crops can be made. Unless Buyer and Users shall promptly notify Valent of any claims, they shall be barred from obtaining any remedy.

TANK MIXES

NOTICE: Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor.

Read and follow the entire label of each product to be used in the tank mix with this product.

Ground Application

Use of sufficient spray volumes and pressure is essential to ensure complete coverage. Use a minimum of 5 gals. and a maximum of 40 gals. of spray solution per acre. Spray pressures should reflect a minimum of 30 psi and a maximum of 60 psi at the nozzle. Do not use flood nozzles.

Air Application

Use a minimum of 3 gals. of spray solution per acre. Increase spray volumes up to 10 gals. as grass or crop foliage becomes dense.

Spot Treatment

When using hand sprayers or high volume sprayers utilizing hand guns, mix ½% to 1% (0.66 oz. to 1.3 oz. per gal.) SELECT SUPER Herbicide and treat to wet vegetation, while not allowing runoff of spray solution.

RESTRICTIONS AND LIMITATIONS

GENERAL

Do not apply if rain is expected within 1 hour of application as control may be unsatisfactory.

Do not apply a postemergence broadleaf herbicide within one day following application of SELECT SUPER Herbicide or reduced grass control may result.

Do not apply more than 64 fl. oz. of SELECT SUPER Herbicide (0.5 lb. ai) per acre per season. Application on Long Island, New York, is restricted to no more than 32 fl. oz. of SELECT SUPER Herbicide (0.25 lb. ai) per acre per season.

Do not apply under conditions of stress. Applying SELECT SUPER under conditions that do not promote active grass growth will reduce herbicide effectiveness. These conditions include drought, excessive water, extremes in temperature, and low humidity. Grasses under these kinds of stressful conditions will not absorb and translocate SELECT SUPER effectively, and will be less susceptible to herbicide activity.

Best perennial grass control can be obtained if rhizomes or stolons are cut up by preplant tillage practices (discing, plowing, etc.) to stimulate maximum emergence of grass shoots. Cultural practices such as continuous no-tillage in which the perennial grass rhizomes or stolons are not cut up results in a very staggered, non-uniform plant emergence. Due to this non-uniform weed emergence, no fewer than two SELECT SUPER Herbicide applications per season per year are recommended at the appropriate weed-growth stage rate under continuous no-till conditions.

Grass crops such as corn, sorghum, wheat, rice, etc. are highly sensitive to SELECT SUPER Herbicide.

Always read and follow the restrictions and limitations for all products whether used alone or in a tank mix. The most restrictive labeling of any product used applies in tank mixtures, including all crop rotational and other crop restrictions.

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Tank mixes of SELECT SUPER Herbicide and broadleaf herbicides may result in reduced grass control. If grass regrowth occurs, an additional application of SELECT SUPER Herbicide may be necessary.

AVOID SPRAY DRIFT

Do not allow spray from ground or aerial equipment to drift onto adjacent land or crops. When drift may be a problem, do everything possible to reduce spray drift, including:

- Do not spray if wind speeds are or become excessive. Do not spray if wind speed is 10 MPH or greater. If sensitive crops or plants are downwind, extreme caution must be used under all conditions. Do not spray if winds are gusty.
- Use extreme caution when conditions are favorable for drift (high temperatures, drought, low relative humidity), especially when sensitive plants are located nearby.
- Do not apply when a temperature inversion exists. If inversion conditions are suspected, consult with local weather services before making an application.
- Further reductions in drift can be obtained by:
 1. Using large droplet size sprays. Do not use nozzles that produce small droplets. Orient nozzles downward and slightly backward as needed to reduce drift for ground applications.
 2. Orienting nozzles straight back with the windstream, using straight stream orifices for aerial applications. Use the lowest number of nozzles practical with the largest possible orifice size to obtain the minimum 3 GPA volume. Application height and boom length should be set according to manufacturer's instructions to minimize drift.
 3. Increasing the volume of spray mixture (for example a minimum of 10 GPA for ground applications) by using higher flow rate nozzles. Using lower pressure with the appropriate nozzle to obtain higher volumes will also reduce drift.
 4. Apply as close to target plants as practical while maintaining a good spray pattern for adequate coverage.

Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

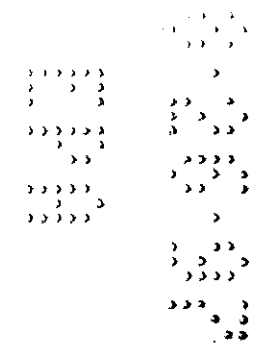
COTTON AND SOYBEANS

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

Do not apply SELECT SUPER Herbicide within 60 days of harvest.

SUGAR BEETS

Do not apply SELECT SUPER Herbicide within 100 days of sugar beets harvest.



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DIRECTIONS FOR USE IN COTTON, SOYBEANS AND SUGAR BEETS.

RECOMMENDATIONS FOR ANNUAL GRASSES

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

GRASS SPECIES	WEED* HEIGHT INCHES	RATE FL. OZ./ ACRE	HIGH RATE
Barnyardgrass	Echinochloa crusgalli	2-8	12 16
Broadleaf Signalgrass	Brachiaria platyphylla	2-6	12 16
Brome			
California	Bromus carinatus	2-6	12 16
Cheatgrass	Bromus secalinus	2-6	12 16
Downy	Bromus tectorum	2-6	12 16
Ripgut	Bromus diandrus	2-6	12 16
Crabgrass			
Hairy	Digitaria adscendens	2-6**	12 16
Large	Digitaria sanguinalis	2-6**	12 16
Smooth	Digitaria ischaemum	2-6**	12 16
Southern	Digitaria ciliaris	2-6**	12 16
Crowfootgrass	Dactyloctenium aegyptium	2-6**	12 16
Fall Panicum	Panicum dichotomiflorum	2-8	12 16
Field Sandbur	Cenchrus incertus	2-6	12 16
Foxtail			
Giant	Setaria faberi	2-12	12 16
Green	Setaria viridis	2-8	12 16
Yellow	Setaria glauca	2-8	12 16
Foxtail Barley	Hordeum jubatum	2-6	12 16
Goosegrass	Eleusine indica	2-6**	12 16
Itchgrass	Rottboellia exaltata	2-6	12 16
Junglerice	Echinochloa colona	2-6	12 16
Lovegrass (Stinkgrass)	Eragrostis cilanensis	2-6	12 16
Red Rice	Oryza sativa	1-3	12 16
Rygrass			
Hardy	Lolium perenne	2-6	12 16
Italian	Lolium multiflorum	2-6	12 16
Seedling Johnsongrass	Sorghum halepense	4-10	12 16
Shattercane	Sorghum bicolor	6-18	12 16
Southwestern Cupgrass	Eriochloa gracilis	2-6	12 16
Sprangle top			
Amazon	Leptochloa panicoides	2-6	12 16
Bearded	Leptochloa fascicularis	2-6	12 16
Mexican	Leptochloa uninervis	2-6	12 16
Red	Leptochloa filiformis	2-6	12 16
Texas Panicum	Panicum texanum	2-6	12 16
Volunteer Cereals			
Barley	Hordeum vulgare	2-6	12 16
Oats	Avena sativa	2-6	12 16
Rye	Secale cereale	2-6	12 16
Wheat	Triticum aestivum	2-6	12 16
Volunteer Corn	Zea mays	4-12	8 12
Volunteer Corn	Zea mays	12-24	12 16
Volunteer Grain Sorghum	Sorghum bicolor	8-12	12 16
Wild Oats	Avena fatua	2-6	12 16
Wild Proso Millet	Panicum miliaceum	2-10	12 16
Witchgrass	Panicum capillare	2-8	12 16
Woolly Cupgrass	Eriochloa villosa	2-8	12 16

* Generally occurs between 3-leaf stage and tillering.
 ** Length of lateral growth

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**RECOMMENDATIONS FOR ANNUAL BLUEGRASS CONTROL
WITH SELECT SUPER HERBICIDE**

GRASS SPECIES	WEED STAGE	RATE FL. OZ./ ACRE	HIGH RATE
Annual Bluegrass (Poa annua)	to 4-Leaf	12	. 32

Apply under favorable soil moisture and humidity which exists within a few days after rainfall or within 7 days after irrigation. Grass needs to be actively growing at time of application(s).

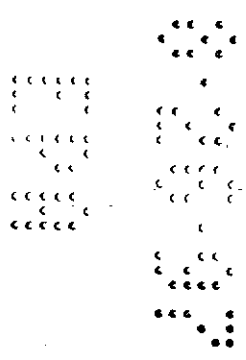
Apply at weed stage indicated on the label, as reduced control can be expected with more mature annual bluegrass.

Use the high rate under heavy grass pressure and/or when annual bluegrass is more mature.

**DIRECTIONS FOR USE IN SOYBEANS AT A REDUCED RATE
RECOMMENDATIONS FOR ANNUAL GRASSES**

GRASS SPECIES		WEED HEIGHT INCHES	RATE FL.OZ/ ACRE
Barnyardgrass	Echinochloa crus-galli	1-4	8
Broadleaf Signalgrass	Brachiaria platyphylla	1-4	10
Crabgrass			
Large	Digitaria sanguinalis	1-3*	8
Large	Digitaria sanguinalis	1-4*	10
Smooth	Digitaria ischaemum	1-3*	8
Smooth	Digitaria ischaemum	1-4*	10
Southern	Digitaria ciliaris	1-4*	10
Fall Panicum	Panicum dichotomiflorum	1-4	8
Foxtail, Giant	Setaria faberi	1-4	8
Seedling Johnsongrass	Sorghum halepense	1-6	10
Shattercane	Sorghum bicolor	4-10	8
Texas Panicum	Panicum texanum	1-4	10
Wild Proso Millet	Panicum millaceum	1-6	8

*Length of lateral growth



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RECOMMENDATIONS FOR PERENNIAL GRASSES

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

GRASS SPECIES	WEED HEIGHT INCHES	RATE FL. OZ./ ACRE	HIGH RATE
Bermudagrass (Cynodon dactylon)			
First Application	3 (or up to 6" runners)	16	32
Repeat Application(s) (if regrowth occurs)	3 (or up to 6" runners)	16	32
Fescue, tall (Festuca arundinacea)			
First Application	4-8	16	32
Repeat Application(s) (if regrowth occurs)	4-8	16	32
Orchardgrass (Dactylis glomerata)			
First Application	4-8	16	32
Repeat Application(s) (if regrowth occurs)	4-8	16	32
Quackgrass (Agropyron repens)			
First Application	4-12	16	32
Repeat Application(s) (if regrowth occurs)	4-12	16	32
Rhizome Johnsongrass (Sorghum halepense)			
First Application	12-24	16	32
Repeat Application(s) (if regrowth occurs)	6-18	12	16
Wirestem Muhly (Muhlenbergia frondosa)			
First Application	4-8	16	32
Repeat Application(s) (if regrowth occurs)	4-8	16	32

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STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

Open dumping is prohibited.

STORAGE

Keep pesticide in original container.

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 1-800-892-0099.

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 (or equivalent). 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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Manufactured for
Valent U.S.A. Corporation
Walnut Creek, CA 94596-8025
Form R3100 E0.0970627
EPA Reg. No. _____
EPA Est. No. _____

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