

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AUG 16 1999

Elizabeth J. Weibert
Valent U.S.A. Corporation
1333 N. California Blvd., Suite 600
Walnut Creek, CA 94596

Dear Ms. Weibert:

Subject: Revised Labeling - Add Use on Onions (Dry Bulb Only), Garlic,
Shallots (Dry Bulb Only), Tomatoes, Alfalfa, Dry Beans, and Peanuts
Select Super Herbicide
EPA Registration No. 59639-102
Your Submission Dated May 21, 1999

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provisions:

- 1) Since this product does not contain any uses that are not in the scope of the Worker Protection Standards, the Non-Agricultural Use Requirements Box should be removed.
- 2) Immediately below the heading for the directions for use on the crops listed for this product, there is a box with the subheading "IMPORTANT", followed by information regarding plant tolerances for certain genera and species to be listed next (bottom of page 7). However, these genera and species are not listed, and it is believed that this information may have been mistakenly taken from the label of another clethodim product dealing with ornamental species. Since this product is not for use on ornamentals, this language should be removed from the labeling.
- 3) At the bottom of the rate chart for use on the listed crops to control perennial weeds (page 11), a footnote appears to state that control of quackgrass may be enhanced by adding AMS. Since reference to "AMS" does not appear anywhere else on the label, we recommend replacing the abbreviation with "ammonium sulfate." If this statement appears in error, it should be deleted.

DK:305-7546:HB/PM23

CONCURRENCES

SYMBOL	7505C							
SURNAME	D. KENNY							
DATE	8/16/99							

A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the referenced label, incorporating the above changes, before releasing the product for shipment.

Sincerely yours,

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

Enclosure



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

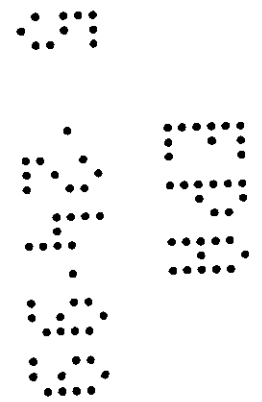
KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE NEXT PAGE FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET CONTENTS 1 GALLON

ACCEPTED
with COMMENTS
In EPA Letter Dated
AUG 16 1999
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended, for the pesticide
 registered under EPA Reg. No.
59639-102



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.

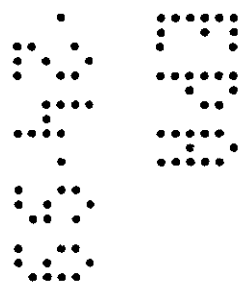
ENVIRONMENTAL HAZARDS

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.



PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

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 24 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.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standards for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forest, nurseries, or greenhouses.

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.

**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.

GENERAL INFORMATION

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

FOR USE ON: Soybeans, Cotton, Sugar beets, Onions (dry bulbs only), Garlic, Shallots (dry bulbs only), Tomatoes, Alfalfa, Peanuts, Dry Beans

SELECT SUPER Herbicide is a selective postemergence herbicide for control of annual and perennial grasses. SELECT SUPER Herbicide does not control sedges or broadleaf weeds.

Repeated use of SELECT SUPER Herbicide (or similar postemergence grass herbicides with the same mode of action) may lead to the selection of naturally occurring biotypes that are resistant to these products in some grass species.

If poor performance occurs and cannot be attributed to adverse weather or applications conditions, a resistant biotype may be present. This is most likely to occur in fields where other control strategies such as crop rotation, mechanical removal, and other classes of herbicides are not used from year to year.

Do not allow SELECT SUPER Herbicide 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. Minor leaf spotting may occur on treated plants 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 SUPER Herbicide 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 arid regions where irrigation is used to supplement limited rainfall, SELECT SUPER Herbicide should be applied as soon as possible after an irrigation (within 7 days). In arid regions, a second application of SELECT SUPER Herbicide 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 SUPER Herbicide may reduce weed control. DO NOT APPLY SELECT SUPER Herbicide 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 5 gals. and a maximum of 40 gals. of spray solution per acre. Under the following conditions a minimum of 10 gals. per acre is required: narrow row soybeans, perennial grasses, volunteer corn, drought or stress conditions, heavy grass pressure or when grasses are at or near maximum height. Failure to use a minimum of 10 gals. per acre under these conditions can result in poor coverage and reduced grass control requiring repeat applications. Spray pressures should reflect a minimum of 30 psi and a maximum of 60 psi at the nozzle. Do not use flood nozzles.

Applications to onions, garlic, and shallots should be made in a minimum of 20 gals. of spray solution per acre.

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.

In California applications to onions, garlic, and shallots should be made in a minimum of 20 gals. of spray solution per acre. In areas outside of California do not exceed 16 fl. oz./A of SELECT SUPER Herbicide in a single application by air.

NOTE: Crop injury may occur when SELECT SUPER Herbicide is applied to onions, garlic, or shallots with aerial equipment.

Spot Treatment

When using hand sprayers or high volume sprayers utilizing hand guns, mix 1/2% 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.

NOTE: If SELECT SUPER Herbicide is applied as a spot treatment to onions, garlic, or shallots, care should be taken to not exceed the maximum rate allowed on a "per acre" basis or crop injury may occur.

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 Herbicide 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 Herbicide 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.

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. Applying 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.

ONIONS (DRY BULBS ONLY), GARLIC, AND SHALLOTS (DRY BULBS ONLY)

Do not apply SELECT SUPER Herbicide within 45 days of onion (dry bulbs only), garlic, or shallot (dry bulbs only) harvest.

In California 14 day spray intervals are recommended between the application of SELECT SUPER Herbicide and Liquid Nitrogen or other herbicide applications. Injury to crop may occur when shorter intervals are observed.

TOMATOES

Do not apply SELECT SUPER Herbicide within 20 days of tomato harvest.

ALFALFA

SELECT SUPER Herbicide may be applied to seedling or established alfalfa (including sainfoin, holy clover, and birdsfoot trefoil) grown for seed, hay, silage, green chop, or direct grazing.

Do not apply SELECT SUPER Herbicide within 15 days of grazing, feeding, or harvesting (cutting) alfalfa for forage or hay.

Do not plant rotational crops until 30 days after application of SELECT SUPER Herbicide.

DRY BEANS

Do not apply SELECT SUPER Herbicide within 30 days of dry bean harvest (cutting or pulling plants from ground).

PEANUTS

Do not apply SELECT SUPER Herbicide within 40 days of peanut harvest (cutting vines or digging peanuts from ground).

DIRECTIONS FOR USE IN SOYBEANS, COTTON, SUGAR BEETS, ONIONS (DRY BULBS ONLY), GARLIC, SHALLOTS (DRY BULBS ONLY), TOMATOES, ALFALFA, PEANUTS, DRY BEANS

IMPORTANT
Plant tolerance to SELECT SUPER Herbicide at labeled rates has been found to be acceptable for the indicated genera and species listed below. Due to variability within species, crop growth stage, environmental conditions, and application techniques, it is recommended that the user determine if herbicide can be used safely on a few plants prior to widespread application. Neither the seller nor the manufacturer of SELECT SUPER Herbicide have investigated the safety factor to plants not listed on the label.

The following plants have shown a tolerance for SELECT SUPER Herbicide applications:

**RECOMMENDATIONS FOR ANNUAL GRASSES
(EXCEPT FOR IN ESTABLISHED ALFALFA)**

- 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 crus-galli	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
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 uninervia	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 ²	Zea mays	4-12	8	12
Volunteer Corn (S.R.) ¹	Zea mays	4-12	16(suppression only)	
Volunteer Corn ²	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.

1. Sethoxydim resistant volunteer corn.

2. Includes Roundup Ready®, Liberty Link® and IMI-CORN® volunteer corn.

3. When the cereal grain crop (wheat) is interseeded for crop establishment or is planted as wind breaks to aid crop establishment, the minimum SELECT SUPER Herbicide use rate for control is 16 fl. oz./A.

RECOMMENDATIONS FOR ANNUAL & PERENNIAL GRASS CONTROL
IN ESTABLISHED ALFALFA WITH SELECT SUPER Herbicide

GRASS SPECIES	WEED STAGE	RATE FL. OZ./ ACRE	HIGH RATE
<i>Annual & Perennial Grasses Listed in Grass Table</i>	<i>See Table</i>	16	32

Mowing: The best control of annual grasses can be achieved by applying SELECT SUPER before grass weeds are mowed. Once a grass is mowed it becomes tougher to control, as much of the available leaf surface has been removed. In areas without a killing frost, some annuals can over-winter after having been mowed multiple times. These grasses form large crowns and may contain many viable buds. These grasses, even though they may be an annual grass, may require repeated applications of SELECT SUPER for partial or complete control.

Irrigated Alfalfa: Irrigation practices can be very critical to the successful use of SELECT SUPER in established alfalfa and may be necessary to initiate active growth of the weeds prior to application. Generally applications 2 to 4 days after an irrigation are most effective. Irrigation made shortly after application (2 days) can be effective, but more consistent grass control occurs when the irrigation is made before the application.

Annual Grass Control: Apply SELECT SUPER at the grass sizes indicated in the Recommendation for Annual Grass Table and rates indicated above (16 to 32 fl. oz./A). If a grass has been cut, apply SELECT SUPER after active growth has resumed and regrowth has reached the minimum height and before it reaches the maximum height indicated. Apply before the alfalfa canopy covers the grasses and interferes with the spray coverage. Some annual grasses are spring- and summer- germinating plants, while others are fall-germinating plants, and the time they are actively growing and most susceptible to SELECT SUPER may vary from region to region. Also some annuals germinate over a extended period of time, and because control of small grasses is desired, applications after each weed flush may be required. As a general rule spray spring and summer germinating grasses as early in the season as possible, after initial green-up. Spray fall -germinating weeds in the fall soon after they begin growing but before any damage is done due to frost. Late fall applications may be less effective due to environmental conditions, such as frost, slower plant growth, or the onset of flowering.

Perennial Grass Control: SELECT SUPER effectively controls perennial grasses such as bermudagrass, johnsongrass, quackgrass, wirestem muhly, tall fescue, foxtail barley and orchardgrass. Due in part to lack of tillage, perennial grasses are more difficult to control in a perennial crop such as established alfalfa. A program of repeated applications is usually necessary for best results. The best way to control perennial grasses is to do so in the year of stand establishment before rhizomes and stolons become large and difficult to kill.

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

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
<p>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).</p> <p>Apply at weed stage indicated on the label, as reduced control can be expected with more mature annual bluegrass.</p> <p>Use the high rate under heavy grass pressure and/or when annual bluegrass is more mature.</p>			

*Use a minimum of 16 fl. oz. per acre to control annual bluegrass in seedling and established alfalfa.

**DIRECTIONS FOR USE IN DRY BEAN, SOYBEANS AND SUGARBEETS AT A REDUCED RATE
RECOMMENDATIONS FOR SMALL ANNUAL GRASSES**

GRASS SPECIES	SCIENTIFIC NAME	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
Foxtail, Green	Setaria viridis	1-4	8
Foxtail, Yellow	Setaria glanca	1-4	8
Foxtail, Millet	Setaria italica	1-4	10
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
Wild Oats	Avena fatua	1-4	10

*Length of lateral growth

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)	3 (or up to 6" runners)	16	32
First Application			
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
Foxtail Barley (Hordeum jubatum)			
First Application	2-6	16	32
Repeat Application (if regrowth occurs)	2-6	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	16	32
Wirestem Muhly (Muhlenbergia frondosa)			
First Application	4-8	16	32
Repeat Application(s) (if regrowth occurs)	4-8	16	32

* Control of quackgrass with SELECT SUPER Herbicide may be enhanced by adding AMS at 2.5 to 4.0 lbs./A.

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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LIBERTY LINK® - Reg. TM of AGRO EVO USA Company
ROUND-UP READY® and ROUNDUP® ULTRA - Reg. TM of Monsanto Company

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