



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND
TOXIC SUBSTANCES

Mr. Joseph L. Powell
Valent U.S.A Corporation
1333 N. California Blvd., Suite 600
Walnut Creek, CA 94596-8025

JUN 2 2003

Dear Mr. Powell:

Subject: Label Revision Amendment - Revised Directions For Use
And Update First Aid Statement
Select Super Herbicide
EPA Registration No. 59639-102
Your Amendment Application Submission Dated
October 11, 2002

The labeling, referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. On page 18 within the box entitled "RECOMMENDATIONS FOR ANNUAL & PERENNIAL GRASS CONTROL IN ESTABLISHED ALFALFA WITH SELECT SUPER HERBICIDE," revise this heading to read as "RECOMMENDATIONS FOR ANNUAL & PERENNIAL GRASS CONTROL IN ESTABLISHED ALFALFA AND MINT WITH SELECT SUPER HERBICIDE".
2. Please submit one (1) final printed copy of the referenced label, incorporating the above change, before releasing the product for shipment.

M. HOWARD

PM TEAM 23 (703) 305-6784

2721



SELECT[®] SUPER HERBICIDE

Active Ingredient	By Wt.
*Clethodim	13.2%
Other Ingredients	86.8%
Total	100.0%

*(E)-2-[1-[[[(3-chloro-2-propenyl)oxy]imino]propyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one

Contains Petroleum Distillates
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**

JUN 2 2003

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.

FIRST AID	
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-892-0099 for emergency medical treatment information.	
NOTE TO PHYSICIANS	
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
<p>Users should:</p> <ul style="list-style-type: none"> • 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.

**DISCLAIMER, RISKS OF USING THIS PRODUCT,
LIMITED WARRANTY
AND LIMITATION OF LIABILITY**

IMPORTANT: Read the entire Label including this Disclaimer, Risks of Using this Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

RISKS OF USING THIS PRODUCT

The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These 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 of the target pest or weeds to this product, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

Valent shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. Buyer 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 only 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 as described above. EXCEPT AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. 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 limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. THE EXCLUSIVE REMEDY OF THE 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 THE PRODUCT.

PROMPT NOTICE OF CLAIM

Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is latter, so that an immediate inspection of the affected property and growing crops can be made.

If Buyer does not notify Valent of any claims, in such period, it shall be barred from obtaining any remedy.

NO AMENDMENTS

Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability, which may not be modified by any oral or written agreement.

TANK MIXES

NOTICE: Tank mixing or use of this product with any product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or applicator 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 and green), Garlic, Shallots (dry bulbs and green), Alfalfa, Peanuts, Dry Beans, Sunflower, Canola, Flax, Mustard Seed, Potato, Sweet Potato, Yam (and other Tuberous¹ and Corm¹ Vegetables), Tomatoes, Peppers (bell and non-bell), Eggplants (and other Fruiting Vegetables), Carrot, Radish, Garden Beet, Horseradish (and other Root Vegetables²), Leaf Lettuce, Broccoli, Cabbage, Cauliflower (and other Head and Stem Brassica Vegetables³), Mustard Greens (and other Leafy Brassica Greens⁴), Spinach, Celery, Rhubarb (and other Leaf Petioles⁵), Cranberry, Strawberry, Squash (including Pumpkins), Cucumber, Melons (including Cantaloupes and Watermelons), Mint and Clover (grown in Idaho, Oregon and Washington only).

- ¹ Other tuber and corm vegetables approved for use with SELECT SUPER Herbicide include: arracacha, arrowroot, Chinese artichoke, Jerusalem artichoke, edible burdock, edible canna, bitter and sweet cassava, chayote (root), chufa, dasheen (taro), ginger, leren, tanier, turmeric and bean yam.
- ² Other root vegetables approved for use with SELECT SUPER Herbicide include: burdock, edible; celeriac; chervil, turnip-rooted; chicory; ginseng; parsley, turnip-rooted; parsnip; radish, oriental; rutabaga; salsify; salsify, black; salsify, Spanish; skirret and turnip.
- ³ Other head and stem brassica vegetables approved use with SELECT SUPER include: Chinese broccoli; Brussels sprouts; Chinese (napa) cabbage; Chinese mustard; cavalo broccolo; and kohlrabi.
- ⁴ Other leafy brassica greens approved for use with SELECT SUPER Herbicide include: broccoli raab, cabbage, Chinese (bok choy); collards; kale, mizuna, mustard greens, mustard spinach; rape greens and turnip greens.
- ⁵ Other leaf petiole crops approved for use with SELECT SUPER include: cardoon, Chinese celery, celtuce, Florence fennel, and Swiss chard.

SELECT SUPER Herbicide is not recommended for use on vegetable crops being grown for seed production unless specific use directions are provided.

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.

Adjuvant not required

SELECT SUPER Herbicide contains a built in adjuvant system and does not require additional adjuvant.

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, broadleaf herbicide tank mixes, 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 (dry bulbs and green), garlic, and shallots (dry bulbs and green) 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. For onions (dry bulbs and green), garlic, or shallots (dry bulbs and green): When applying by air do not exceed 16 fl. oz./A in a single application. In California, air applications to onions, garlic, or shallots should be made in a minimum of 20 gals. of spray solution per acre.

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, 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.

SELECT SUPER Herbicide is not recommended for use on vegetable crops being grown for seed production unless specific use directions are provided.

For canola, flax, and mustard seed crops, do not apply more than 10 fl. oz. of SELECT SUPER Herbicide (0.08 lb. ai) per acre per season. For clover and radish crops, do not apply more than 32 fl. oz. of SELECT SUPER Herbicide (0.25 lb. ai) per acre per season. For all other crops, do not apply more than 64 fl. oz. of SELECT SUPER Herbicide (0.50 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 more than 16 fl. oz./A of SELECT SUPER Herbicide **per application** to the following crops: garden beets, carrots, radish, (and other root vegetables), green onions, leaf lettuce, broccoli, cabbage, cauliflower (and other head and stem brassica vegetables), celery, rhubarb (and other leaf petioles), cranberry, cucurbits, fruiting vegetables (except tomatoes), and strawberry. Do not apply more than 10 fl. oz./A of SELECT SUPER Herbicide per application to canola, flax, or mustard seed. **Exceeding these recommendations may result in unacceptable crop injury.**

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, and grasses either partially controlled or stunted from prior pesticide applications. 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, rice, sorghum, small grains, or turf etc. are highly sensitive to SELECT SUPER Herbicide.

While all the vegetable crops on this label have been tested and are tolerant to SELECT SUPER Herbicide, not all specialty varieties of these crops have been tested. It is advised that, before applying SELECT SUPER Herbicide to specialty varieties of vegetable crops on this label, crop tolerance be investigated first using a small section of the field. It is possible that injury symptoms can occur. Symptoms may appear as leaf speckling or stunting.

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.

9 8 21

CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR SELECT SUPER HERBICIDE

Crop⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rate Per Acre	Special Use Instructions
Alfalfa including: Sainfoin, Holy clover, Birdsfoot trefoil ⁽²⁾	15 days before grazing, feeding or harvesting (cutting) for forage or hay	12-32 fl.oz. ⁽³⁾	Do not plant rotational crops until 30 days after application of SELECT SUPER.
Beans, Dry	30 days	12-32 fl. oz.	Refer to appropriate Table for reduced rate recommendations for the control of small annual grasses.
Beet, Garden	30 days	12-16 fl. oz.	Do not apply more than 16 fl. oz./A in a single application. For repeat applications make on a minimum of a 14 day interval.
Carrot	30 days	12-16 fl. oz.	Do not apply more than 16 fl. oz./A in a single application. For repeat applications make on a minimum of a 14 day interval.
Canola	75 days	8-10 fl. oz.	Do not apply after crop has begun bolting. Crop injury may occur when SELECT SUPER is applied during the bloom period. Do not exceed 10 fl. oz. of SELECT SUPER (0.08 lb. ai) per acre in a season.
Celery includes: Cardoon Chinese celery Celtuce Florence fennel Swiss chard	30 days	12-16 fl. oz.	Do not apply more than 16 fl. oz./A in a single application. For repeat applications make on a minimum of a 14 day interval.

10 3 21

Crop ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rate Per Acre	Special Use Instructions
Clover	15 days before grazing, feeding, or harvesting (cutting) for forage or hay	12-32 fl. oz.	For use on Clover grown in the states of Idaho, Oregon and Washington only. Do not exceed 32 fl. oz. of SELECT SUPER (0.25 lb. ai) per acre in a season.
Cotton	60 days	12-32 fl. oz.	Do not graze treated fields or feed treated forage or hay to livestock.
Cranberry	30 days	12-16 fl. oz.	Do not apply more than 16 fl. oz./A in a single application. For repeat applications make on a minimum of a 14 day interval.
Cucurbits including: Cantaloupes (all) Cucumber Gherkin Honeydew Melon Muskmelons (all) Pumpkin Squash (all) Watermelon	14 days	12-16 fl. oz.	Do not apply more than 16 fl. oz./A in a single application. For repeat applications make on a minimum of a 14 day interval.
Flax	75 days	8-10 fl. oz.	Apply prior to bloom. Crop injury may occur when SELECT SUPER is applied during the bloom period. Do not exceed 10 fl. oz. of SELECT SUPER (0.08 lb. ai) per acre in a season.
Fruiting Vegetable (Except tomato) including: Eggplant, Groundcherry Pepino Peppers (all) Tomatillo	20 days	12-16 fl. oz	Do not apply more than 16 fl. oz./A in a single application. For repeat applications make on a minimum of a 14 day interval.

Crop ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rate Per Acre	Special Use Instructions
Head and Stem Brassica Vegetables , including: Broccoli Cabbage Cauliflower Brussel sprouts	30 days	12-16 fl. oz.	Do not apply more than 16 fl. oz./A in a single application. For repeat applications make on a minimum of a 14 day interval
Leafy Brassica Greens , Including: Broccoli raab Cabbage, Chinese (bok choy) Collards Kale Mizuna Mustard greens Mustard spinach Rape greens Turnip greens	14 days	12-16 fl. oz.	Do not apply more than 16 fl. oz./A in a single application. For repeat application make on a minimum of a 14 day interval.
Leaf Lettuce	14 days	12-16 fl. oz.	Do not apply more than 16 fl. oz./A in a single application. For repeat applications make on a minimum of a 14 day interval.
Mint	21 days	12-32 fl. oz. ⁽³⁾	Do not apply more than 32 fl. oz./A in a single application. For repeat applications make on a minimum of a 14 day interval.
Mustard Seed	75 days	8-10 fl. oz.	Do not apply after crop has begun bolting. Crop injury may occur when SELECT SUPER is applied during the bloom period. Do not exceed 10 fl. oz. of SELECT SUPER (0.08 lb. ai) per acre in a season.
Onions (Dry Bulbs Only) Garlic Shallots (Dry Bulbs Only)	45 days	12-32 fl. oz. ^{(4), (5)}	Minimum of 20 gals./A spray volume by ground in entire U.S. Minimum of 20 gals./A spray volume by air in California ⁽⁶⁾
Onions, Green including: Leeks Scallions or Spring Onions Japanese Bunching Onions Green Shallots Green Eschalots	14 days	12-16 fl. oz.	Do not apply more than 16 fl. oz./A in a single application. For repeat applications make on a minimum of a 14 day interval.

Crop ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rate Per Acre	Special Use Instructions
Peanut	40 days	12-32 fl. oz.	--
Potato	30 days	12-32 fl. oz.	--
Radish	15 days	12-16 fl. oz.	Do not apply more than 16 fl. oz./A in a single application. Do not apply more than 32 fl. oz. (0.25 lb. ai) per acre in a season. For repeat applications make on a minimum of a 14 day interval.
Root Vegetables (except Radish), including: Chicory Ginseng Horseradish Turnip	30 days	12-16 fl. oz.	Do not apply more than 16 fl. oz./A in a single application. For repeat applications make on a minimum of a 14 day interval.
Rhubarb	30 days	12-16 fl. oz.	Do not apply more than 16 fl. oz./A in a single application. For repeat applications make on a minimum of a 14 day interval.
Soybean	60 days	12-32 fl. oz.	Do not graze treated fields or feed treated forage or hay to livestock. Refer to appropriate Table for reduced rate recommendations for the control of small annual grasses.
Spinach	14 days	12-16 fl. oz.	Do not apply more than 16 fl. oz./A in a single application. For repeat applications make on a minimum of a 14 day interval.
Strawberry	4 days	12-16 fl. oz.	Do not apply more than 16 fl. oz./A in a single application. For repeat applications make on a minimum of a 14 day interval.
Sugar Beet	40 days	12-32 fl. oz.	Refer to appropriate Table for reduced rate recommendations for the control of small annual grasses.
Sunflower	70 days	12-32 fl. oz.	--
Sweet Potato, Yam and other tuberous and corm vegetables (except potato), including: Artichoke, Chinese Jerusalem Cassava, Bitter Sweet Ginger	30 days	12-32 fl. oz.	--
Tomato	20 days	12-32 fl. oz.	--

- (1) SELECT SUPER Herbicide is not recommended for use on vegetable crops being grown for seed production unless specific use directions are provided.
- (2) SELECT SUPER Herbicide may be applied to seedling or established alfalfa grown for seed, hay, silage, green chop, or direct grazing.
- (3) For weed control in established alfalfa and mint, the minimum use rate is 16 fl. oz./A.

- (4) For ground applications to garlic or shallots, do not exceed 16 fl. oz./A in a single application. For air applications to onions, garlic or shallots, do not exceed 16 fl. oz./A in a single application. For garlic and shallots, do not exceed 2 applications per season.
- (5) 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.
- (6) In California, do not apply SELECT SUPER Herbicide to onions, garlic, or shallots until crop has at least two full leaves. In California, 14 days spray intervals are recommended between the application of SELECT SUPER Herbicide. Injury to crop may occur when shorter intervals are observed.

DIRECTIONS FOR USE IN SOYBEANS, COTTON, SUGAR BEETS, ONIONS (Dry Bulbs and Green), GARLIC, SHALLOTS (Dry Bulbs and Green), ALFALFA, PEANUTS, DRY BEANS, SUNFLOWER, CANOLA, FLAX, MUSTARD SEED, POTATO, SWEET POTATO, YAM (and other Tuberous¹ and Corm Vegetables), TOMATOES, PEPPERS (bell and non-bell), EGGPLANTS (and other Fruiting Vegetables), CARROT, RADISH, GARDEN BEET, HORSERADISH (and other Root Vegetables²) LEAF-LETTUCE, BROCCOLI, CABBAGE, CAULIFLOWER (and other Head and Stem Brassica Vegetables³), MUSTARD GREENS (and other Leafy Brassica Greens⁴), SPINACH, CELERY, RHUBARB (and other Leaf Petioles⁵), CRANBERRY, STRAWBERRY, SQUASH (including PUMPKINS), CUCUMBER, MELONS (including CANTALOUPE and WATERMELONS), MINT, AND CLOVER (grown in Idaho, Oregon and Washington only).

- ¹ Other tuber and corm vegetables approved for use with SELECT SUPER Herbicide include: arracacha, arrowroot, Chinese artichoke, Jerusalem artichoke, edible burdock, edible canna, bitter and sweet cassava, chayote (root), chufa, dasheen (taro), ginger, leren, taniel, turmeric and bean yam.
- ² Other root vegetables approved for use with SELECT SUPER Herbicide include: burdock, edible; celeriac; chervil, turnip-rooted; chicory; ginseng; parsley, turnip-rooted; parsnip; radish, oriental; rutabaga; salsify; salsify, black; salsify, Spanish; skirret and turnip.
- ³ Other head and stem brassica vegetables approved for use with SELECT SUPER Herbicide include: Chinese broccoli; Brussels sprouts; Chinese (napa) cabbage; Chinese mustard; cavalo broccolo; and kohlrabi.
- ⁴ Other leafy brassica greens approved for use with SELECT SUPER Herbicide include; broccoli raab, cabbage, Chinese (bok choy); collards, kale, mizuna, mustard greens, mustard spinach; rape greens and turnip greens.
- ⁵ Other leaf petiole crops approved for use with SELECT SUPER Herbicide include: cardoon, Chinese celery, celtuce, Florence fennel, and Swiss chard.

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.

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

- 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.
- Do not apply more than 16 fl. oz./A of SELECT SUPER Herbicide per application to the following crops: garden beets, carrots, radish (and other root vegetables), green onions, leaf lettuce, broccoli, cabbage, cauliflower (and other head and stem brassica vegetables), mustard greens (and other leafy brassica greens), spinach, celery, rhubarb (and other leaf petioles), cranberry, cucurbits, fruiting vegetables (except tomatoes), and strawberry. Do not apply more than 10 fl. oz./A of SELECT SUPER Herbicide per application to canola, flax, or mustard seed.

GRASS SPECIES	SCIENTIFIC NAME	WEED* HEIGHT INCHES	RATE FL. OZ./ ACRE ⁽¹⁾	HIGH RATE ⁽²⁾
Barnyardgrass	<i>Echinochloa crus-galli</i>	2 to 8	12	16
Broadleaf Signalgrass	<i>Brachiaria platyphylla</i>	2 to 6	12	16
Brome				
California	<i>Bromus carinatus</i>	2 to 6	12	16
Cheatgrass	<i>Bromus secalinus</i>	2 to 6	12	16
Downy	<i>Bromus tectorum</i>	2 to 6	12	16
Rippgut	<i>Bromus diandrus</i>	2 to 6	12	16
Canarygrass	<i>Phalaris canariensis</i>	1 to 4	12	16
Crabgrass		2 to 6	12	16
Hairy	<i>Digitaria adscendens</i>	2 to 6**	12	16
Large	<i>Digitaria sanguinalis</i>	2 to 6**	12	16
Smooth	<i>Digitaria ischaemum</i>	2 to 6**	12	16
Southern	<i>Digitaria ciliaris</i>	2 to 6**	12	16
Crowfootgrass	<i>Dactyloctenium aegyptium</i>	2 to 6**	12	16
Fall Panicum	<i>Panicum dichotomiflor</i>	2 to 8	12	16
Field Sandbur	<i>Cenchrus incertus</i>	2 to 6	12	16
Foxtail				
Giant	<i>Setaria faberi</i>	2 to 12	12	16
Green	<i>Setaria viridis</i>	2 to 8	12	16
Yellow	<i>Setaria glauca</i>	2 to 8	12	16
Goosegrass	<i>Eleusine indica</i>	2 to 6**	12	16
Itchgrass	<i>Rottboellia exaltata</i>	2 to 6	12	16
Junglerice	<i>Echinochloa colona</i>	2 to 6	12	16
Lovegrass (Stinkgrass)	<i>Eragrostis cilianensis</i>	2 to 6	12	16
Rabbitsfootgrass	<i>Polypogon monspeliensis</i>	1 to 4	12	16
Red Rice	<i>Oryza sativa</i>	1 to 3	12	16
Rygrass				
Hardy	<i>Lolium remotum</i>	2 to 6	12	16
Italian	<i>Lolium multiflorum</i>	2 to 6	12	16
Seedling Johnsongrass	<i>Sorghum halepense</i>	4 to 10	12	16
Shattercane	<i>Sorghum bicolor</i>	6 to 18	12	16
Southwestern Cupgrass	<i>Eriochloa gracilis</i>	2 to 6	12	16
Sprangletop				
Amazon	<i>Leptochloa panicoides</i>	2 to 6	12	16
Bearded	<i>Leptochloa fascicularis</i>	2 to 6	12	16
Mexican	<i>Leptochloa uninervia</i>	2 to 6	12	16
Red	<i>Leptochloa filiformis</i>	2 to 6	12	16
Texas Panicum	<i>Panicum texanum</i>	2 to 6	12	16
Volunteer Cereals ⁽³⁾				
Barley	<i>Hordeum vulgare</i>	2 to 6	12	16
Oats	<i>Avena sativa</i>	2 to 6	12	16
Rye	<i>Secale cereale</i>	2 to 6	12	16

GRASS SPECIES	SCIENTIFIC NAME	WEED* HEIGHT INCHES	RATE FL. OZ./ ACRE ⁽¹⁾	HIGH RATE ⁽²⁾
Wheat	<i>Triticum aestivum</i>	2 to 6	12	16 ✓
Volunteer Corn ⁽²⁾	<i>Zea mays</i>	4 to 12	8	12
Volunteer Corn (S.R.) ⁽¹⁾	<i>Zea mays</i>	4 to 12	16 (suppression only)	
Volunteer Corn ⁽²⁾	<i>Zea mays</i>	12 to 24	12	16
Volunteer Grain Sorghum	<i>Sorghum bicolor</i>	8 to 12	12	16
Wild Oats	<i>Avena fatua</i>	2 to 6	12	16
Wild Proso Millet	<i>Panicum miliaceum</i>	2 to 10	12	16
Witchgrass	<i>Panicum capillare</i>	2 to 8	12	16
Woolly Cupgrass	<i>Eriochloa villosa</i>	2 to 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 (such as 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.
4. Rates higher than 16 fl. oz./A may be applied in certain geographic areas, cropping situations, or environmental conditions, where experience has shown that higher rates are needed for satisfactory control of annual grasses. In these situations, rates from 16 to 32 fl. oz./A may be applied. Do not apply more than 16 fl. oz./A of SELECT SUPER Herbicide per application to the following crops: garden beets, carrots, radish (and other root vegetables), green onions, leaf lettuce, broccoli, cabbage, cauliflower (and other head and stem brassica vegetables), celery, rhubarb (and other leaf petioles), cranberry, cucurbits, fruiting vegetables (except tomatoes), non-bearing food crops, and strawberry. Do not apply more than 10 fl. oz./A of SELECT SUPER Herbicide per application to canola, flax, or mustard seed.

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

GRASS SPECIES	WEED STAGE	RATE FL. OZ./ ACRE	HIGH RATE
Annual & Perennial Grasses Listed in Grass Table	See Table	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 and Mint: Irrigation practices can be very critical to the successful use of SELECT SUPER in established alfalfa and mint 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/mint 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 an 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 or mint. 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

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.

* Use a minimum of 16 fl. oz./A to control annual bluegrass in seedling and established alfalfa and mint.

**DIRECTIONS FOR USE IN DRY BEAN, SOYBEANS AND SUGAR BEETS AT A REDUCED RATE
RECOMMENDATIONS FOR SMALL ANNUAL GRASSES
(REDUCED RATE RECOMMENDATIONS NOT FOR USE IN CALIFORNIA)**

- 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.
- Regrowth by tillering may occur if application is made when plants are stressed by lack of moisture, excessive moisture, low temperatures and/or under very low humidity.

GRASS SPECIES	SCIENTIFIC NAME	WEED HEIGHT INCHES	RATE FL.OZ./ ACRE
Barnyardgrass	<i>Echinochloa crus-galli</i>	1 to 4	8
Broadleaf Signalgrass	<i>Brachiaria platyphylla</i>	1 to 4	10
Crabgrass			
Large	<i>Digitaria sanguinalis</i>	1 to 3*	8
Large	<i>Digitaria sanguinalis</i>	1 to 4*	10
Smooth	<i>Digitaria ischaemum</i>	1 to 3*	8
Smooth	<i>Digitaria ischaemum</i>	1 to 4*	10
Southern	<i>Digitaria ciliar</i>	1 to 4*	10
Fall Panicum	<i>Panicum dichotomiflorum</i>	1 to 4	8
Foxtail			
Giant	<i>Setaria faberi</i>	1 to 4	8
Green	<i>Setaria viridis</i>	1 to 4	8
Yellow	<i>Setaria glauca</i>	1 to 4	8
Millet	<i>Setaria italica</i>	1 to 4	10
Seedling Johnsongrass	<i>Sorghum halepense</i>	1 to 6	10
Shattercane	<i>Sorghum bicolor</i>	4 to 10	8
Texas Panicum	<i>Panicum texanum</i>	1 to 4	10
Volunteer Corn**	<i>Zea mays</i>	4 to 12	8
Wild Proso Millet	<i>Panicum miliaceum</i>	1 to 6	8
Wild Oats	<i>Avena fatua</i>	1 to 4	10

*Length of lateral growth
**Not S.R. Corn

**DIRECTIONS FOR USE IN CANOLA, FLAX, AND MUSTARD SEED AT REDUCED RATES
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.
- Regrowth by tillering may occur if application is made when plants are stressed by lack of moisture, excessive moisture, low temperatures and/or under very low humidity.

GRASS SPECIES	SCIENTIFIC NAME	WEED* HEIGHT INCHES	RATE FL. OZ./ ACRE
Barnyardgrass	<i>Echinochloa crus-galli</i>	1 to 4	8
Crabgrass			
Large	<i>Digitaria sanguinalis</i>	1 to 4*	10
Smooth	<i>Digitaria ischaemum</i>	1 to 4*	10
Fall Panicum	<i>Panicum dichotomiflorum</i>	1 to 4	8
Foxtail			
Giant	<i>Setaria faberi</i>	1 to 4	8
Green	<i>Setaria viridis</i>	1 to 4	10
Yellow	<i>Setaria glauca</i>	1 to 4	10
Shattercane	<i>Sorghum bicolor</i>	4 to 10	8
Volunteer Cereals			
Barley	<i>Hordeum vulgare</i>	1 to 4	10
Oats	<i>Avena sativa</i>	1 to 4	10
Wheat	<i>Triticum aestivum</i>	1 to 4	10
Volunteer Corn**	<i>Zea mays</i>	4 to 12	8
Wild Oats	<i>Avena fatua</i>	1 to 4	10
Wild Proso Millet	<i>Panicum miliaceum</i>	1 to 6	8

* Length of lateral growth
** Not S.R. Corn

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.
- Do not apply more than 16 fl. oz./A of SELECT SUPER Herbicide per application to the following crops: garden beets, carrots, radish (and other root vegetables), green onions, leaf lettuce, broccoli, cabbage, cauliflower (and other head and stem brassica vegetables), celery, rhubarb (and other leaf petioles), cranberry, cucurbits, fruiting vegetables (except tomatoes), non-bearing food crops, and strawberry. Do not apply more than 10 fl. oz./A of SELECT SUPER Herbicide per application to canola, flax, or mustard seed.

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 to 8	16	32
Repeat Application(s) (if regrowth occurs)	4 to 8	16	32
Foxtail Barley (Hordeum jubatum)			
First Application	2 to 6	16	32
Repeat Application (if regrowth occurs)	2 to 6	16	32
Orchardgrass (Dactylis glomerata)			
First Application	4 to 8	16	32
Repeat Application(s) (if regrowth occurs)	4 to 8	16	32
Quackgrass (Agropyron repens)			
First Application	4 to 12	16	32
Repeat Application(s) (if regrowth occurs)	4 to 12	16	32
Rhizome Johnsongrass (Sorghum halepense)			
First Application	12 to 24	16	32
Repeat Application(s) (if regrowth occurs)	6 to 18	12	16
Wirestem Muhly (Muhlenbergia frondosa)			
First Application	4 to 8	16	32
Repeat Application(s) (if regrowth occurs)	4 to 8	16	32
Perennial Bluegrass [Roughstalk (Poa trivialis)] [Kentucky (Poa prantensis)]			
First Application	2 to 4	16	32
Repeat Application(s)	2 to 4	16	32

21 8 21

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.

Copyright© 2002 by Valent U.S.A. Corporation

IMI-CORN® - Reg. TM of American Cynamid Co.
LIBERTY LINK® - Reg. TM of AGRO EVO USA Company
ROUNDUP READY® - Reg. TM of Monsanto Company

Manufactured for:
Valent U.S.A. Corporation
P.O. Box 8025
Walnut Creek, CA 94596-8025

www.valent.com
Made in U.S.A.

EPA Reg. No. 59639-102
EPA Est. No. 8655-AR-01