16 NOV 1002

Eric D. Bruce Valent U.S.A. Corporation 1333 North California Blvd. Suite 600 P.O. Box 8025 Walnut Creek, CA 94596-8025

Dear Mr. Bruce:

Revised Label Text - Addition of Ornamentals Subject:

Select 2EC Herbicide

EPA Registration No. 59639-3

Your Submission Dated September 3, 1992

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

- Incorporate the changes in the endangered species wording as approved in the Agency letter dated August 13, 1992.
- Add the appropriate EPA Establishment Number. 2)
- Add an appropriate Net Contents statement. 3)

A stamped copy is enclosed for your records. Please submit five (5) final printed copies for the referenced label, incorporating the above changes, before releasing the product for shipment.

Sincerely yours,

Joanne I. Miller Product Manager (23) Fungicide-Herbicide Branch Registration Division (H7505C,

Enclosure

CONCURRENCES			
SYMBOL H1505-C			
SURNAME DE KENNY		******	
DATE 11/16/92			
EPA Form 1320-1A (1/90)	Printed on Remuted Bonco	OFFICIAL FILE COPY	

Printed on Recycled Paper

Copy A

FOR USE ON: Soybeans (Except CA), Cotton, Ornamentals

Copy B

ANNUAL AND PERENNIAL GRASS WEED CONTROL

Copy C

ADDITION OF ADJUVANT OR CROP OIL CONCENTRATE **CROP ADJUVANT RECOMMENDATIONS**

COTTON AND SOYBEANS	Always use a crop oil concentrate containing at least 15% emulsifier at 1% v/v to the finished spray volume.
ORNAMENTAL PLANTS	Add VALENT X-77 Spreader (non-ionic surfactant) or other quality non-ionic surfactant (containing at least 80% active ingredient) at the rate of 1 pt. per 50 gals. (0.25% v/v). Use of crop oil concentrate is not recommended since it may injure flowers and foliage.

and east of Interstate 35 in Oklahoma and Texas.

Copy E

and west of Interstate 35 in Oklahoma and Texas.

(

Copy F

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

Copy G

Volunteer Corn Zea mays 4 - 12 4 6

Copy H

Sprangletop
Amazon Leptochloa panicoides 2-6 6 8
Bearded Leptochloa fascicularis 2-6 6 8
Red Leptochloa filiformis 2-6 6 8

Copy I

Region B

RECOMMENDATIONS FOR ANNUAL BLUEGRASS CONTROL WITH SELECT				
		WEED STAGE	RATE FL. OZ. ACRE	HIGH RATE
GRASS SPECIES				
Annual Bluegrass	Poa annua	to 4-Leaf	6	16
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.				
Always add a crop oll concentrate containing at least 15% emulsifier at 1% v/v to the finished spray volume.				

C	0	pγ	J

Wirestem Muhly	Muhlenbergia frondisa			;
First Application		4-8	8	16
Repeat Application	\ /	4-8	8	16

Copy K

TANK MIX APPLICATION OF SELECT 2 EC HERBICIDE AND BROADLEAF HERBICIDES FOR CONTROL OF GRASSES AND BROADLEAF WEEDS IN SOYBEANS (EXCEPT CA)

GENERAL INFORMATION - REGIONS A AND B

The labels for each of the herbicides recommended for tank mixing with SELECT 2 EC Herbicide are unique to the characteristics of those products and contain restrictions and limitations that may be more restrictive than the SELECT label in certain considerations. Those concerns may include, but are not limited to:

- 1. Geographic restrictions all products are not registered for use in all areas and rates may vary from one region of labeled use to another;
- 2. Crop rotation restrictions;
- 3. Soil type or soil characteristics (e.g. pH, OM);
- 4. Maximum dosage or number of applications per season;
- 5. Rain free period required; or
- 6. Application timing (e.g. pre-harvest interval)

THE MOST RESTRICTIVE LABELING OF ANY PRODUCT USED IN A TANK MIX MUST BE FOLLOWED.

- Apply only to actively growing grass and broadieaf weeds at recommended height or growth stage listed on each label.
- Apply when the first grass or broadleat weed species in a mixed population reaches the recommended height or growth stage for treatment.
- Apply under favorable soil moisture and humidity which exist a few days after rainfall or within seven days after irrigation.
- Always add a crop oil concentrate to the spray mix at the rate recommended for each specific tank mix combination in Table 1.
- Tank mix applications may sometimes result in reduced grass control and possible increases in crop injury as compared to either product used alone. If reg owth occurs, or an additional flush of new grass emerges, make a second application of SELECT 2 EC, as specified in the respective size and rate tables for Region A and Region B. DO NOT EXCEED A TOTAL OF 32 FL. OZ./ACRE (0.5 LB.AI/A) JF SELECT 2 EC PER SEASON, WHETHER APPLIED ALONE OR IN TANK MIX APPLICATIONS.
- Do not tank mix SELECT 2 EC when broadleaf weeds are tall and/or dense enough to prevent proper grass coverage.
- Do not tank mix SELECT with SCEPTER® Herbicide.

INFORMATION ON ANTAGONISM

Tank mixes of SELECT 2 EC with postemergence broadleaf herbicides have shown some reduction or failure to control certain grass species which would have otherwise been controlled when SELECT 2 EC is applied alone. Activity of the postemergence broadleaf herbicide in the tank mix is not affected.

Table 1

COBRA®

SELECT 2 EC

REFLEX® 2 LC

SELECT 2 EC HERBICIDE TANK MIXES WITH BROADLEAF HERBICIDES FOR SOYBEANS - REGIONS A AND B (REFER TO THE REGION A AND REGION B RECOMMENDATION TABLES ABOVE FOR SPECIFIC GRASSES AND GROWTH STAGES)

		APPLICATION RA	TES/ACRE	_
PRODUCT**	ANNUAL GRASSES	PERENNIAL GRASSES	CROP OIL CONC. (V/	` `
			GROUND	AIR
SELECT 2 EC	8 to 10 fl. oz.	10 to 16 fl. oz.	1%	1%
BAS/ GRAN® 4SL	1 to 2 pts.	1 to 2 pts.		
SFLECT 2 EC	6 to 8 fl. oz.	8 to 16 fl. oz.	.5 to 1%	1%
BLAZER® 2SL	1 to 1.5 pts.	1 to 1.5 pts.		
SELECT 2 EC	8 to 10 fl. oz.	10 to 16 fl. oz.	1%	1%
CLASSIC® 25DG	.5 to .75 oz.	.5 to .75 oz.		
SELECT 2 EC	6 to 8 fl. oz.	8 to 16 fl. oz.	.5 to 1%	1%

12.5 oz.

6 to 8 fl. oz.

.75 to 1.5 pts.

If grass regrowth occurs or an additional flush of new grass emerges, make a second application of SELECT alone (without a tank mix herbicide), according to the appropriate size and rate recommendations for Region A or Region B.

12.5 oz.

+

8 to 16 fl. oz.

.75 to 1.5 pts.

.5 to 1%

1%

5

Broadleaf weed control may be reduced when grass populations are tall enough or dense enough to intercept the spray pattern and prevent them from receiving complete coverage. Tank mixing is not recommended in these situations.

TANK MIX APPLICATION OF SELECT 2 EC HERBICIDE AND INSECTICIDES FOR CONTROL OF GRASS WEEDS AND INSECTS IN SOYBEANS (EXCEPT CA) AND COTTON

GENERAL INFORMATION - REGIONS A AND B

The labels for each of the insecticides recommended for tank mixing with SELECT are unique to the characteristics of those products and contain restrictions and limitations that may be more restrictive than the SELECT label in certain considerations. Those concerns may include, but are not limited to:

- 1. Geographic restrictions all products are not registered for use in all areas and rates may vary from one region of labeled use to another;
- 2. Applicator certification requirements;
- 3. Worker safety rules (e.g. protective clothing, reentry time, posting);
- 4. Maximum dosage or number of applications per season;
- 5. Rain free period required; or
- 6. Application timing (e.g. pre-harvest interval)

THE MOST RESTRICTIVE LABELING OF ANY PRODUCT USED IN A TANK MIX MUST BE FOLLOWED.

DO NOT EXCEED A TOTAL OF 32 FL. OZ./ACRE (0.5 LB.AI/A) OF SELECT 2 EC PER SEASON, WHETHER APPLIED ALONE OR IN TANK MIX APPLICATIONS.

Table 2

SELECT 2 EC HERBICIDE TANK MIXES WITH INSECTICIDES FOR SOYBEANS (EXCEPT CA) AND COTTON - REGIONS A AND B (REFER TO THE REGION A AND REGION B RECOMMENDATION TABLES ABOVE FOR SPECIFIC GRASSES AND GROWTH STAGES)

		APPLICATION RA	ATES/ACRE*
PRODUCT**	ANNUAL GRASSES	PERENNIAL GRASSES	CROP OIL CONC. (V/V)
SELECT 2 EC	6 to 8 fl. oz.	8 to 16 fl. oz.	1%
+	+	+	
ORTHENE® 75 SP	.33 to 1.33 lbs.	.33 to 1.33 lbs.	
SELECT 2 EC	6 to 8 fl. oz.	8 to 16 fl. oz.	1%
+	+	+	
ORTHENE 90 S	.25 to 1 lb.	.25 to 1 lb.	

If grass regrowth occurs, or an additional flush of new grass e-ne-ges, make a second application of SELECT alone (without a tank mix insecticide) according to

8 7 22

the appropriate size and rate recommendations for Region A or Region B.
Refer to insecticide label for rates and insects controlled.

Copy L

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 or reduced grass control may result.

Copy M

Applying SELECT 2 EC 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 2 EC effectively, and will be less susceptible to herbicide activity.

Copy N

COTTON AND SOYBEANS

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

Do not apply SELECT within 60 days of harvest.

Copy O

ORNAMENTALS

Sugar maples cannot be tapped for syrup within one year of SELECT application.

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DIRECTIONS FOR USE IN ORNAMENTALS

GENERAL INFORMATION

SELECT 2 EC Herbicide can be used to control labelled grass weeds in greenhouses, lathhouses, shadehouses, and around outdoor ornamentals, including nurseries, parks, Christmas or other tree farms, roadside plantings, and structure landscapes.

Apply SELECT 2 EC Herbicide postemergence to actively growing grasses according to the rate table recommendations. Add VALENT X-77 Spreader (non-ionic surfactant) or other quality non-ionic surfactant (containing at least 80% active ingredient) at the rate of 1 pt. per 50 gals. (0.25% v/v). Use of crop oil concentrate is not recommended since it may injure flowers and foliage.

Use the higher recommended rate of SELECT under heavy grass pressure and/or when grasses are approaching their maximum treatment height (see rate table).

Do not apply more than 32 fl. oz. (0.5 lb. ai) of SELECT 2 EC per acre per season. Do not apply to grasses which have formed seed heads or are stressed.

IMPORTANT

SELECT successfully controls weeds in newly transplanted and established non-grassy ornamentals. Plant tolerance to SELECT at labeled rates has been found to be acceptable for the indicated genera and species listed in the tables. Due to variability within species, crop growth stage, environmental conditions, and application techniques, it is recommer. 'ed 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 have investigated the safety factor to ornamental plants not listed on the label.

The following plants have shown a tolerance for SELECT 2 EC Herbicide applications:

NONBEARING FOOD CROPS

Non-bearing fruit and nut crops are plants which will not bear fruit or nuts for at least one year following SELECT application.

COMMON NAME

COMMON NAME	OOIEITII IO NAME
APPLES	Malus sylvestris
CHERRIES	Prunus spp.
OLIVES	Olea spp.
ORANGES	Citrus sinensis
PEACHES	Prunus persica
PEARS	Pyrus communis
PECANS	Carya illinoinensis
PISTACHIOS	Pistacia vera
PRUNES	Prunus domestica
STRAWBERRIES	Fragaria x ananassa

SCIENTIFIC NAME

ORNAMENTAL TREES

COMMON NAME	SCIENTIFIC NAME
BIRCH, WHITE	Betula papyrifera
DOGWOOD, FLOWERING	Cornus florida
FIR, DOUGLAS	Pseudosuga menziesii
FIR, GRAND	Abies grandis
:AAPLES	Acer spp.
OAKS	Quercus spp.
OLIVE, COMMON	Elaeagnus angustifolia
PINES	Pinus spp.
SWEET GUM	Liquidambar styraciflua

GARDEN FLOWERS AND PLANTS

COMMON NAME

SCIENTIFIC NAME

AGERATUM ALYSSUM * **ASPARAGUS FERN CHRYSANTHEMUM**

CINQUEFOIL **COLEUS CRANESBILL** CREEPING FIG

DAHLIA DAYLILY GAZANIA

GERANIUM

IRIS

JASMINE TOBACCO

MARIGOLD

PARTRIDGEBERRY PETUNIA * **PHLOX PINKS PORTULACA**

SALVIA

SAXIFRAGE, ROCKFOIL SEDUM

SNAPDRAGON * **SWEET WILLIAM** TOUCH-ME-NOT

VERBENA

VIOLET ZINNIA

Ageratum spp. Lobularia maritima Asparagus setaceus Chr. santhemum indicum

Potentilla spp. Coleus spp. Geranium spp. Ficus pumila Jahlia spp.

Hemerocallis spp.

Gazania spp.

Pelargonium hortorum

Iris spp.

Nicotiana alata Tagetes spp.

Mitchella domestica Petunia hybrida Phlox spp. Dianthus spp.

Portulaca grandiflora

Salvia spp. Saxifraga spp. Sedum spp. Antirrhinum majus

Dianthus barbatus

Balsan spp.

Verbena hortensis

Viola spp. Zinnia elegans

^{*} Slight foliage or flower speckling has been observed on these species.

GROUND COVERS

COMMON NAME

AJUGA
IVY, ENGLISH
IVY, VARIEGATED YELLOW
IVY, VARIEGATED WHITE
LIRIOPE, GREEN
LIRIOPE, VARIEGATED
MONEYWORT,
CREEPING CHARLIE
MONDO GRASS
MONDO GRASS, DWARF
PERIWINKLE

SCIENTIFIC NAME

Ajuga reptans
Hedera helix
Hedera helix
Hedera helix
Liriope spp.
Liriope muscarii
Lysimachia nummularia

Ophiopogon japonicus "Nana" Vinca minor

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SHRUBS

COMMON NAME

SCIENTIFIC NAME

ABELIA Abelia spp.
AUCUBA Aucuba spp.
AZALEA * Rhododendro

AZALEA * Rhododendron spp. BAMBOO Bambusa spp.

BOXWOOD

CAMELLIA

CLEYER

CORALBERRY

Buxus sempervirens

Camella japonica

Cleyera japonica

Ardisia crenata

CRAPE MYRTLE Lagerstroemia indica EUONYMUS Euonymus spp.

EUONYMUS Euonymus spp. GARDENIA Gardenia spp.

HOLLY Illex spp.
HOLLY, CHINESE Illex cornuta
HOLLY, JAPANESE Illex crenata
HONEYSUCKLE Lonicera spp.
INDIAN HAWTHORN Raphiolepis indica
JAPANESE BARBERRY Berberis Thunbergii

JASMINE Jasmine spp.

JASMINE, ASIATIC Trachelospermum asiaticum

JUNIPER, CHINESE Juniperus chinesis
JUNIPER, CREEP!NG Juniperus horizontalis
JUNIPER, SHORE * Juniperus conferta

LANTANA Lantana spp.

NANDINA * Nandinia domestica

PHOTINIA Photinia spp.
PITTOSPORUM Pittosporum spp.
PODOCARPUS Podocarpus spp.
PRIVET Ligustrum spp.
PYRACANTHA Pyracantha spp.
RHODODENDRON Rhododendron spp.

Rosa spp.

SPIREA Spiraea bumalda WISTERIA Wisteria spp.

* Slight foliage or flower speckling has been observed on these species.

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RECOMMENDATIONS FOR ANNUAL GRASSES

Region A & B

• Apply only to actively growing grasses at recommended weed heights.

 Apply when the first grass weed species in a mixed grass weed population reaches the recommended growth stage for treatment.

• 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
		·	(1)	(2)
Seedling Johnsongrass	Sorghum halepense	4-10	8	16
Shattercane	Sorghum bicolor	4-10	8	16
Volunteer Corn	Zea mays	4-12	4	8
Volunteer Corn	Zea mays	12-18	8	16
Wild Oats	Avena fatua	2-6	8	16
Wild Proso Millet	Panicum miliaceum	2-8	8	16
Witchgrass	Panicum capillare	2-6	8	16
Woolly Cupgrass	Eriochloa villosa	2-6	8	16
Barnyardgrass	Echinochloa crusqalli	2-6	8	16
	Brachiaria platyphylla	2-6	8	16
Crabgrass				
Large	<u>Digitaria sanguinalis</u>	2-6**	8	16
Smooth	Digitaria ischaemum	2-6**	8	16
Southern	Digitaria ciliaris	2-6**	8	16
Crowfootgrass	Dactyloctenium aegyptium	ım 2-6**	8	16
Fall Panicum	Panicum dichotomiflorum		8	16
Field Sandbur	Cenchrus incertus	2-6	8	16
Foxtail				
Giant	<u>Setaria faberi</u>	2-12	8	16
Green	Setaria viridis	2-6	8	16
Yellow	Setaria glanca	2-6	8	16
Goosegrass	Eleusine indica	2-6**	8	16
Itchgrass	Rottboellia exaltata	2-6	8	16
Junglerice	Echinochloa colona	2-6	8	16
Red Rice	Oryza sativa	1-3	8	16
Southwestern Cupgrass	···	2-6	8	16
Sprangle top				
Amazon	Lepthochloa panicoides	2-6	6 ° .	· • 8
Bearded	Leptochloa fascicularis	4	; ; 6	8
Red	Leptochloa filiformis	2-6	6.	, 3
Texas Panicum	Panicum texanum	2-6	. 8	16
		-		

Grass species ((con't)	weed* Height Inches	RATE FL. OZ. ACRE	HIGH RATE
V. Lunteer Cereal	.8	 		
Barley	<u>Hordeum vulgare</u>	2-6	8	16
Oats -	Avena sativa	2-6	8	16
Rye	Secale cereale	2-6	8	16
Wheat	Triticum aestivum	3- 8	8	16

^{*} Generally occurs between 3-leaf stage and tillering.

** Length of lateral growth.

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^{(1) 8} fl. oz./acre = approximately 0.2 fl. oz./1000 sq. ft.

^{(2) 16} fl. oz./acre = approximately 0.4 fl. oz./1000 sq. ft.
Add VALENT X-77 Spreader (non-ionic surfactant) or other nonionic surfactant (containing at least 80% active ingredient) at
the rate of 1 pt. per 50 gals. (0.25% v/v).

RECOMMENDATIONS FOR ANNUAL BLUEGRASS CONTROL WITH SELECT

RATE HIGH
WEED FL OZ. RATE
STAGE ACRE

GRASS SPECIES

Annual Bluegrass Poa annua

to 4-Leaf

6

16

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.

Add VALENT X-77 Spreader (non-lonic surfactant) or other non-lonic surfactant (containing at least 80% active ingredient) at the rate of 1 pt. per 50 gais. (0.25% v/v).

RECOMMENDATIONS FOR PERENNIAL GRASSES

Region A & B

- Apply only to actively growing grasses at recommended weed heights.
- Apply when the first grass weed species in a mixed grass weed population reaches the recommended growth stage for treatment.
- Use the high rate under heavy grass pressure and/or when grasses are at maximum height.

GRASS SPECTES	WEED HEIGHT INCHES	RATE FL. OZ. ACRE	HIGH RATE
Rhizome Johnsongrass (Sorghum halepense) First Application Repeat Application(s) (if regrowth occurs)	6-24 6-10	(1) 8	(2) 16
Bermudagrass (<u>Cyn.don_dactylon</u>) First Application	3 (or up to 6" runners)	8	16
Repeat Application(s) (if regrowth occurs)	3 (or up to 6" runners)	8	16
Quackgrass (Agropyron repens) First Application	4-8	8	16
Repeat Application(s) (if regrowth occurs)	4-8	8	16
Wirestem Muhly (Muhlenbergia frondisa) First Application Repeat Application(s) (if regrowth occurs)	4-8 4-8	8 8	16 16

^{(1) 8} fl. oz./acre = approximately 0.2 fl. oz./1000 sq. ft.

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^{(2) 16} fl. oz./acre = approximately 0.4 fl. oz./1000 sq. ft. Add VALENT X-77 Spreader (non-ionic surfactant) or other non-ionic surfactant (containing at least 80% active ingredient) at the rate of 1 pt. per 50 gals. (0.25% v/v)



Active Ingredient *Clethodim By Wt. Inert Ingredients Contains Petroleum Distillates *(E)-2[1-j[(3-chloro-2-propenyl)oxy)km/no]propyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one Contains 2 0 lbs clethodim per gal. U.S. Pat. No. 4,440,566

KEEP OUT OF REACH OF CHILDREN WARNING—AVISO SEE NEXT PAGE FOR ADDITIONAL PRECAUTIONARY STATEMENTS

PRECAUCION AL USUARIO: Si usted ne lee ingles, ne use este producto heste que la etiquete le haya side explicada ampliamente.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS WARNING

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

STATEMENT OF PRACTICAL TREATMENT

In case of eye contact, flush eyes immediately with fresh water for 15 min ates. If swallowed, give water or milk to drink and telephone for medical a vice. DO NOT make person vomit unless directed to do so by medical personnel. If medical advice cannot be obtained, then take person and product container to the nearest medical emergency treatment and product container to the nearest medical emergency treatment center or hospital. If on skin, wash with plenty of soap and water. Get medical attention if irritation persists. If inhaled, remove person from exposure area.

No. a to Physicians: Emergency Information—call 1-800—17-2022. This

product contains a light petroleum solvent, and an aspiration hazard may

EF /IRONMENTAL 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.

Prohibited for use in these counties to avoid non-target injury to the en-

dangered grass species of:

Solane Grass — (Lalifornia) Colusa, Contra Costa, Fresno, Glenn, Madera. Merced, San Joaquin, Solano, Stanislaus and Tehama counties.

Wild Rice — (Tunes) Hays County. PHYSICAL OR CHEMICAL HAZARDS Do not use or store near heat or open flame

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BEST AVAI

DIRECTIONS FOR USE

It is a violation of Federal Law to us with its labeling

READ ENTIRE LABEL AND PAM ANCE WITH PRECAUTIONARY AND WITH APPLICABLE STATE A

- REENTRY

Keep all unprotected persons ตับใ there may be drift. Do not enter treated areus withou

Certain states may require more res State Department of Agriculture fo Written or oral warnings regardin dental exposure must be given to treated areas or on areas about to

GENERAL INFORMATION

Do not apply this product through SELECT® is a selective postemer and perennial grasses on eachean sedges or broadleaf weeds.

Do not allow SELECT to come in co as corn, rice, sorghum, small gra crops will be injured or killed.

Minor leaf spotting may occur or environmental conditions. New fo

Control Symptoms

Treated grass weeds show a rechlorosis/necrosis of younger pla

RECOMMENDATIONS FOR A

collapse of the remaining foliage. Symptoms will generally be observed in 7 to 14 days depending on grass species treated and environmental

APPLICATION INFORMATION

Timing of Applications

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

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

Cultivation of treated grasses 7 days prior to or within 7 days after application of SELECT may reduce weed control. DO NOT APPLY SELECT if rainfall is expected within one hour, since control may be reduced 5

Ground Application

Use of sufficient spray volumes and dressure is essential to ensure complete coverage. Use a minimum of 30 gals, and a maximum of 40 gals, of spray solution per acre. Spray pressures should reflect a minimum of 39 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 tokage becomes danse.

When using hand sprayers or high volume sprayers utilizing hand guns, 4

44

mix %% SELECT and 1% non-phytotomic crop oil concentrate according to amounts shown in the table below. Treat to wet vegetation, while not allowing runoff of spray solution.

	SELECT/Oil To Be Added		
Desired Spray Vol. Gal.	SELECT Fl. Oz.	Oil Conc. Fl. Oz.	
<u> </u>	2 !	4	
25	jar 18.	32	
50	37 K	64	
100	W 32	128	

ground or an application, and a copy on poncentrale containing at

Region A

B

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

Region B

Arizona, California. Colorado, Nevada, New Mexico, Utah, 🛭

Region A & B

 Apply only to actively growing g Apply when the first grass weel lation reaches the recommended besedi to the six

GRASS SPECIES

Seeding Johnsongrass Shattercane Volunteer Corn Wild Oats Wild Proso Millet Witchgrass Wooly Cupgrass Barnyardgrass

G

Broadleat Signalgrass Crabgrass Large Smooth

Southern

Crowfootgrass

crus-galli Brachiaria platyphyll Digitaria san Digitariaisc Digitaria ciki Dactylocten

aegyptiun

Sorghum

Zeamays

halepens

Sorghumbio

Avena fatua

Panicum mil

Panicum car

Eriochlos vil

Echinochloa

5

GRASS SPECIES (c	ontinued)	WEED* HEIGHT MICHES	FL OZ. ACRE	HIGH RATE
Fall Panicum	Panicum		_	
	dichotomiflorum	2-6	6	
Field Sandbur	Cenchrusincertus	2-6	6	
Foxtan				
Grant	Setaria faberi	2.412	6	
Green	Setaria viridis	28	6	8
Yellow	Setaria glauca	2.6	6	B
Goosegrass	Eleusinaindica	2 · 6**	6	8
Itchgrass	Rottboelka exaltata	2-6	6	8
Junglence	Echinochioa	2-6	6	6
Red Sprangletop	Especialis			
Red Rice	Oryza sativa	1.3	6	Ĭ
Southwestern	Eriochiloa		•	•
Cupriass	gracilis	2.6	6	
Texas F cum	Panicum texanum	2.6	ě	i
Volunter Cereais	· ameon (cashon)	2.0	•	•
Barley	Hordeum vulgare	2.6	6	8
Oats	Avena sativa	2.6	Š	ě
Rye	Secale cereate	2.6	5	ě
Wheat	Triticum aestivum	2.6	6	

Generally occurs between 3-leaf stage and tillering.

**Length of lateral growth

Apply under lavorable soil proisics and hamidity which axists within legical street ramial or within July's after registron. Apply at ward

ht as indicared on the label te the high rate inder heavy grass prossure and/or when grasses

RECOMMENDATIONS FOR PERENNIAL GRASSES IN COMBEANS

Region A

 Apply only to actively growing grasses at recommended weed heights Apply when the first grass weed species in a mixed grass weed population reaches the recommended growth stage for treatment

to the sprayteek at Let Jesseby ground squement:

Do not succed a total of 22 th on lettre (0.5 fb; en) yet seese

GRASS SPECIES		WEED HEIGHT INCHES	FL UZ. ACRE		•
Rhizome Johnsongrass First Application	Sorghum halepense	12-24	8	×	16
Repeat Application(: (if regrowth occurs)	5)	6 - 10	6	8	
Bermudagrass First Application	Cynodon dactylon	3(arup to 6" runners)	8	16	
Repeat Application((if regrowth occurs)	s)	3(or up to 6" runners)	8	15	
Quackgrass First Application Repeat Application(Agropyron repens s)	4-8	8	16	
(if regrowth occurs)		4-8	8	16	

2/ Use the high rate under heavy grace pro RECOMMENDATIONS FOR PERENNIAL GRASSES IN CONDEANS "FHOEPT, EN AND COTTON" Region B Apply only to actively growing urasses at recommended weed heights.
 Apply when the first grass weed species in a mixed grass weed population reaches the recommended growth stage for treatment. o Ahrura add a nan phytotoma c<u>rop od</u> cana to the sprayter but hat I acre by grown equipment WEED FRATE AND HIGH **GRASS SPECIES** INCHE\$ ACRE RATE Rhizome Sorghum Johnsongrass halepense First Application 16 Repeat Application(s) (if regrowth occurs) 4.8 Bermudagrass Cynodon dactylon First Application 16 3 (or up to 6° runners) Repeat Application(s) (if regrowth occurs) 3 for up to 6" tnuu6t2)

Generally occurs between 3-leaf stage and tillering.

1/ Apply order favorable soil mosture and humanny which exerts within a few days after rainfall or within 7 days after irrigation, apply at world. fleight as indicated on the label 2/ flee the high rate under heavy grass pressure and for when grass are at maximum height

ZANK MIXES

TANK MUTWITH SPECT ZEC PERBICIPE & BROADLEAF HEABICIDES, FOR PONTROL OF BROADLEAF AND GRASS WEEDS IN POYBEANS (EXCEPT CA)

GENERAL INFORMATION REGIONS A 1000 B
Apply unit to activity grouping grass and broadless weeds a recommen ded heights listed on each label

open when the first glass or broadleaf week species in a mixed week apply when the first glass or broadleaf week species in a mixed week population reaches the recommended growth stage for treatment.

Apply inder fayerable soil poisture and humidin which exists within a few days after rainfall or within 2 days after impation. The species of the species of the second stage of the species of the second stage of the second stage of the second second

Er season Do not table mix with SCEPTER Herbride

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ELECT ZEC Herbicide & BASAGRANO Tank Mix — Seybouns — Rate art Time of Application Table. Product Rate Weeds Controlled/ Adjuvant Wood Size SELECT 8 to 1011. Refer to Table -Lqt. Crop dil Regions A & B Concentrate/A ωz./Å for Annual grasses controlled. 10 to 16 ft. Refer to Tables — Region A/Region B oz /A for Perennial* grasses controlled BASAGRAN Dius BASAGRAN 1to2pts./A Relettp BASAGRAN labe brweeds controlled. *If regrowth of Perennial grasses occurs, make a second application of SELECT 2 EC Herbicide using 6 or 8 ft of vacre timed to grass weed and sizes noted for Perennial grasses in Regide A and Region B SEQUENTIAL APPLICATION OF SELECT 2 EC HERBICIDE AND BROADLEAF HERBICHES
Some reduction of grass control is possible when SEI ECT 2EC Herbicide

is sequentially opplied immediately prior to or after an application of a broadlest heroicide

After an application of SELECT wait a minimum of 24 hours before applying a broadleaf herbicide
 In finds treated with a broadleaf herbicide, do not apply SELECT until

grass plants are again developing new leaves (generally 7 days after the

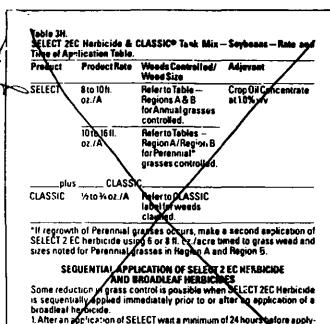
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broadlest herbicide application)

Table 2H. SELECT ZEC Herbicide & BLAZER® Tank Mix — Soybeans — Retained lime of Application Table. Product

Product Rate Woods Controlled/ Adjuvant **Weed** Size 1 pt Cros Dil Concentrate/A SELECT 6to8 ff. Refer to Table -Regions A&B oz /A for Annual grasses controlled. 8104611 Refer to Tables -Region A/Region B. for Perennial* grasses controlled _BLAZER _plus ___ Refecto PCAZER label of weeds copyolise BLAZER 1 to 1.5 pts /A "if regrowth of Perennial grasses occurs make a second application of SELECT 2 EC Herbicide using 6 or 8 ft oz /asie timed to grass weed and sizes noted for Perennial grasses in Region A and B SEQUENTIAL APPLICATION OF SELECT 2 ET HERBICIDE
AND BROADLEAF HERBICIDES Some reduction in grass control is possible when SELEST 2EC Herbicide is sequentially applied immediately prior to or after an application of a broadleaf Perbicide

1 After agrouph cation of SELECT wast a minimum of 24 hours before applying a balanteat herbicide. 2 In fields treated with a broadleaf herbicide, do not apply SELEOL until grass plants are again developing new leaves (generally 7 days after the breedleaf herbicide application)



ing a broadleaf herbicide.

busadleaf herbicide apr' stion).

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Vable 4H. SELECY ZEC Horbicido & COBRA® Tank Mix—Soybeans—Rate and Time of Application Table. Product Rate Weeds Controlled/ Wood Size SELECT Refer to Table 6 to 3 fl. Regions A & B for Annual grasses controlled. Referto Tables — Sto 16 (1) Region A/Region® oz./A for Perennial grauses controlled. CUBRA Reservo COBRA COBRA 12.5ft ~1./A ofel for weeds €c trolled. "If regrowth of Perennial gresses occurs, make a second application of SELECT 2 EC rierbicide using 6 or 8 ft. nz./acre haved to grass ween and sizes noted for Perendial grasses in Region A and Region B. SEQUENTIAL APPLICATION OF SELECT 2 EC HERBICIDE AND BROADLEAF HERBICIDES Some reduction in grass control is possible when SELECT &C Harbicide is sequentially applied immediately prior to or after an application of a broadlest Aerbicide. 1. After an application of SELECT wasts minimum of 24 hours before applying a prosuleaf : erbicide. 2. In fields treated with a broadleaf herbicide, do not apply SELECT botil guess plants are again developing new leaves (generally 7 days after the foadleaf harbicide application).

Cor. antrate/A

SELECT ZEC Harbicide & REFLEX® Tank Mix - Seybeans - Rate and Time of Application Table. Product Rate Woods Controlled/ Wood Size SELECT At. Crop Ox Refer to Table -Regions A&B ncentrate/A for Annual gras sea - cont.olledi Refer to Table (-Region A/Region B for Perengial* \$ to 16 ft 02./Agrasses controlled. REFLEX-.75 to 1.5 pt .. . A. Refer to RESLEX REFLEX abailist weeds controlled by region. pA Legiou "If regrowth of Perenn of grasses occurs, make a second application of SELECT 2 EC rierbicide using 6 or 8 ft. oz. ecre timed to grass weed and sizes noted for Perennial grasses in Region & and Region B. SEQUENTIAL APPLICATION OF SELECT'S EC HERBICIDE AND BROADLEAF HERBICHUSE
Some reduction in grass control is possible when SILECT 2EC Herbicide is sequentially applied immediately prior to or after an application of a broadless herbicide. 1. After an application of SELECT wait a minimum of 24 hour before apply-

ing a droadleaf herbicide.
2. In fields treated with a broadleaf herbicide, do not apply SEECT until grass plants are again developing new leaves (generally I days after the broadleaf herbicide application).

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TANK MIX WITH SELECT 2 EC HERBICIDE & INSECTICIDES FOR CONTROL OF GRASS WEEDS AND INSECTS IN SOYBEANS (EXCEPT CA) AND COTTON

2 In fullds treated with a broadleaf herbicide, do not apply SELECT until

grass plants are again developing new leaves (generally 7 days affective

GENERAL INFORMATION REGIONS A & B Applications of SELECT 2EC Herbicide and ORTHENE® Insecticide are compatible when tank mixed for immediate use. Under certain situations tank mixing may offer significant economic benefits. When mixing ORTHENE with SELECT 2EC Heroicide, read the entire label of both pesticides to insure proper application timing.

All application directions, restrictions, precaditions and worker safety.

rules on the EPA registered labels are to ba followed.

Do not exceed a total 0432 ft. oz/acre (0.5)6, ai) of SELECT 2EC Herbicide per season

SELECT ZEC Herbicide & ORTRENE Tank Mix — Cotton and Seyboons — Rate and Time of Application Table Preduct Product Rate Wheels and Insects entretted SELECT 1 at. Crop Ox

6to8fi Refer to Table 02 /A Regions A&B Concentrate/A for Annual grasses controlled 8 **ta** 1611. Refer to Tables — Region A/Region B for Perennial grasses controlled. __ ORTHENE_

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bio 1 l. (certinued) SELECT ZEC Herbicide & ORTHENE Tank Mix — Cetten and Soybeans --Ratingad Time of Application Table Predect Product Rate Woods and Innects Adjuvant Controlled ORTHENE 33.JV33 Refer to ORTHENE 75 S 75 Slabel for rate Ib./A and insects con trolled in catton and soubtrans. Refer to GRIHENE 90 S 25 to 1 Ib /A 40 Stabel focuste and insucts con trolled in cotton *If regrowth of Perennial grasses occurs, make a second application of SELECT 2 EC Harbicide using 6 or 8 ft. oz./acre time820 grass weed and sizes noted for Perennial grasses in Region A and Region B

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De not graze treated fields or feed treated forage or ha / to livestock. to get apply train is expected within I how of application of control may be with alactery. On no apply a posternargence broadleatherbicide within the day to flow incorporation of SELE for reduced gress control may result. not anoly SELECT within 60 days of handst.

Do not apply more than 32.0 fl. oz. (0.5 lb. si) per acre per season. Do not apply under conditions of stress.

Gress crops such as corn, sorghum, wheat, rice, atc. are highly sensitive to SELECT.

Always read and follow the restrictions and limitation 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 2 EC Heroicide and broadleaf herbicides may result in reduced grass control. If grass regrowth occurs an additional application of SELECT 2 EC Herbicide may be necessary.

Do not tank mix with SCCPTER® Herbicioe.

AVOID SPRAY DRIFT

Do not allow spray from ground or serial 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 wild speeds are or become excessive. Do not spray
 if wind speed is 10 MPH or greater. If sensitive crops or plants are downwand, extreme caution must be used under all conditions. Do not spray if winds are qusty.
- Use extreme caution when conditions are favorable for drift (high temperatures, drought, low relative humidity), especially when sensitive plants are located nearby.
- Do not adoly when a temperature inversion exists, if inversion 18

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 serial applications. Use the lowest number of nozzles practical with the largest possible critica 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 nozzies. 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 demaged or the crops thereof rendered unfit for sale, use or consumption.

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STORAGE AND DISPOSAL

PROHIBITIONS

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

Open dumping in 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 deluted spray.

Emergency Response: For help with any spill, leak, fire priexp, sure involving this material, call day or night 1-800-457-2022, or Chemtrec 1-800-

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 discuss of in a sanitary landfill, or moineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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IMPORTANT INFORMATION. READ BEFORE USING PRODUCT.

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

2. Critical and unforaseeable factors beyond Valen's control prevent a from eliminating all risus in connuction with the usu of this product. Such risks include, but are not limited to, damage to plants and crops to which product is applied, lact of complete control over the handling and application of this product, and during a caused by call to collegiplants or crops. Such risks occur even though the product is reasonably lit under average conditions for the uses stated up the libeling and even though label directions are followed. Buyer and user acknowledge and assume all risks and liabilit (uncupe those-assumed by Valent under 1 above) resulting from handling, storage, and ose of the product.

3. Precautions stated on the labeling should be followed to avoid hazard-

ous exposure to the product.

BASAGRANO-Reg. TM of BASF AG.

BLAZER®— Reg. TM of BASFAG.
CLASSIC®— Reg. TM of E.I. du Pont de Nemours: " Co. Inc. for chlorimuron. ethyl herbicide.

ORTHENE® -- Reg. TM of Chevron Chemical Company for acephate insec-

REFLEX® -- Reg. TM of ICI Americas, Inc. for fomesafen herbicide. SCEPTER® -- Reg. TM of American Cyanamid Co. for imazaquin herbicide.

Manufactured for Valent U.S.A. Corporation © 1992 Welnut Creek CA 94596-8025 R Form 383-B Made in U.S.A. EPA Reg. No. 59639-3

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