Reg # 10182-343 PM-23 1 of 20

FUSION™
Herbicide

Postemergence Herbicide for Control of Perennial and Annual Grass Weeds

ACTIVE INGREDIENTS:	
fluazifop-p-butyl	
Butyl(R)-2-[4-[[5-(trifluoromethyl)-2-pyridinyl]oxy]phenoxy]propanoate	14.15%
fenoxaprop-ethyl	
(±)-ethyl-2-[4-[6-(chloro-2-benzoxazolyl]oxy]phenoxy]propanoate	7.95%
INERT INGREDIENTS*:	67.90%
TOTAL	100.00%

Contains 2 lbs (+) isomer (fluazifop-p-butyl) and 0.66 lbs fenoxaprop-ethyl active ingredient per gallon.

*Contains aromatic petroleum distillates.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE PANEL FOR PRECAUTIONARY STATEMENTS AND STATEMENT OF PRACTICAL TREATMENT

EPA Reg. No. 10182-343
EPA Est. No.

Net Weight

ACCEPTED
05 JUN 1992
Under the Federal Insecticide, Fungicide, and Rodenticide Act, for the pesticide registered under EPA Reg. No. 10182-343

Made in U.S.A.
ICI Americas Inc.
Agricultural Products Division
Wilmington, Delaware 19897

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF SWALLOWED: Immediately give several glasses of water but **do not** induce vomiting. If vomiting does occur, give fluids again. Have a physician determine if condition of patient will permit induction of vomiting or evacuation of stomach. Do not give anything by mouth to an unconscious or convulsing person.

IF INHALED: Remove to fresh air. Get medical attention if respiratory irritation occurs or if breathing becomes difficult.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE ALL 1-800-F-A-S-T-M-E-D (327-8633)

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

HARMFUL IF SWALLOWED. HARMFUL IF ABSORBED THROUGH SKIN. CAUSES MODERATE EYE INJURY. Avoid contact with skin, eyes or clothing. Avoid breathing dust (vapor or spray mist). Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from target area.

PHYSICAL AND 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. This labeling must be in the possession of the user at the time of application.

REENTRY STATEMENTS

Do not treat areas while unprotected humans or domestic animals are present in the treatment areas. Do not allow entry into treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Warnings must include the following information:

> **CAUTION:** Area treated with FUSION™ herbicide on (date of application). Do not enter without appropriate protective clothing until sprays have dried. In case of accidental exposure to pesticide spray, wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If in eyes, flush with plenty of water. If irritation persists, get medical attention.

GENERAL INFORMATION

Read all label directions before using.

FUSION herbicide is a selective postemergence herbicide for control of annual and perennial grass weeds in soybeans and highway rights-of-way. FUSION herbicide provides effective control of grass weeds in conventional tillage, minimum tillage, and no-till plantings. FUSION herbicide does not control broadleaf weeds or sedges (nutgrass).

FUSION herbicide is a systemic herbicide which moves from the treated foliage into the shoots, roots, rhizomes, stolons, and growing points (meristematic regions) of treated grass weeds.

Rainfastness
Since FUSION herbicide is rapidly absorbed by the grass foliage, rain occurring one (1) hour or more after application will not affect the activity of FUSION herbicide. When tank mixing with broadleaf herbicides, observe the rainfast statement of the most restrictive label.

Control Symptoms
Growth of treated grass weeds stops soon after application. Symptoms include loss of vigor, yellowing and/or reddening, and eventual death of the treated grass plant. Symptoms are generally observed within one week after treatment, depending on grass weed species and environmental conditions.

APPLICATION DIRECTIONS

Thorough coverage of all grass weed foliage is important for good activity. Optimum weed control is achieved when young actively growing grass weeds are treated that are not under stress from low soil moisture, extreme temperatures, low soil fertility, mechanical, or chemical injury.

Spray Additives - Only crop oil concentrate and nonionic surfactants cleared for use on growing crops may be used in spray mixture.

ALWAYS ADD ONE OF THE FOLLOWING:

Crop Oil Concentrate - Add a non-phytotoxic crop oil concentrate or a once-refined vegetable oil concentrate containing 15-20% approved emulsifier, at 0.5-1% v/v (1-2 pints/25 gallons) of the finished spray volume. For aerial applications, add 1 pint of crop oil concentrate per acre.

or

Nonionic Surfactant - Add nonionic surfactant containing at least 75% surface-active agent, at 0.25-0.5% v/v (½-1 pint per 25 gallons) of the finished spray volume for ground sprays. For aerial application, add 1 pint of surfactant per acre.

In addition to crop oil concentrate or nonionic surfactant, liquid nitrogen fertilizer (28% UAN or similar) can be added to the spray mixture at the rate of 1 gallon per 25 gallons (4% v/v). Liquid nitrogen fertilizers should not be used as a substitute for crop oil concentrate or nonionic surfactant in the spray mixture.

Directions For Ground Application

Nozzle Selection

The use of flat fan nozzles will result in the most effective application of FUSION herbicide. Flood nozzles are generally not as good as flat fans since they produce large uneven droplets. The use of nozzles other than flat fans may result in reduced grass control due to inadequate coverage. With flat fan nozzles, adjust the spray boom such that there is a 30% overlap of the spray pattern at the top of the weed canopy. Do not apply FUSION herbicide with recirculating sprayers, rope-wick applicators, controlled droplet applicators (CDA) or any similar devices.

Spray Volume and Pressure

Use sufficient spray volume and pressure to ensure complete coverage of the target grasses. Apply in 5-40 gallons per acre of spray mixture with spray pressures of 40-60 psi at the nozzle tip. When grass foliage is dense, use 60 psi and a minimum of 20 gallons per acre to ensure coverage of weed foliage.

Band Applications

Use a minimum of two nozzles, one directed to each side of the planted row. Application with a single nozzle directed over the top of the row is not recommended. Cultivation of untreated areas may be needed following band applications.

When making band applications and cultivating in the same operation, position nozzles in advance of the cultivation device. This will reduce dust in the spray area. Dust can intercept the spray, reducing weed coverage resulting in less than adequate weed control.

Calculate the amount of herbicide and water volume needed for band treatment by the following formulas:

$$\frac{\text{Band-width-in-inches}}{\text{row width in inches}} \times \text{broadcast rate per acre} = \text{Band herbicide rate per acre}$$

$$\frac{\text{Band-width-in-inches}}{\text{row width in inches}} \times \text{broadcast volume per acre} = \text{Band water volume per acre}$$

Band applications to perennial grasses are not recommended, as reinfestation of the treated band from the untreated middle may result.

Aerial Application - Use sufficient spray volume to ensure complete coverage of target grasses. A minimum of 5 gallons per acre should be applied. When grass foliage is dense, use a minimum of 10 gallons per acre to ensure coverage of weed foliage. Add one pint/A of crop oil concentrate or nonionic surfactant in the spray mixture.

Spot Treatments - Mix FUSION herbicide and crop oil concentrate or nonionic surfactant with water according to the amounts shown below. Spray to obtain thorough coverage but do not spray to runoff. Re-treat if necessary.

TABLE 1
SPOT SPRAY RECOMMENDATIONS

To Make This Spray Volume	Add These Amounts		
	FUSION	Crop Oil Concentrate OR	Nonionic Surfactant
1 gallon	3/4 fl. oz. (1½ tbsp.)	1½ fl. oz.	½ fl. oz.
10 gallons	6.5 fl. oz.	13 fl. oz.	3 fl. oz.
25 gallons	1 pint	1 quart	½ pint
50 gallons	1 quart	2 quarts	1 pint

Chemigation
Do not apply FUSION herbicide through any type of irrigation system.

Application Timing
Best control of susceptible grasses is obtained when FUSION herbicide is applied to actively growing grasses before they exceed the recommended growth stages shown on this label. Refer to Tables 2 and 3 for specific recommendations on use rates and weed growth stages.

Cultivation
Cultivation of treated grasses is not recommended within 7 days prior to or within 7 days after application of FUSION herbicide as weeds may be put under stress resulting in reduced weed control. Timely cultivation 2-3 weeks after applying FUSION herbicide may assist weed control.

GENERAL USE PRECAUTIONS

- Apply to actively growing grasses. Do not apply to grasses which are stressed due to moisture, temperature, low soil fertility, mechanical or chemical injury.
- Apply at the recommended rate to grasses at the recommended growth stages as outlined in Tables 2 and 3. Do not apply to grasses which have tillered, formed seed heads, or exceed recommended growth stages.
- Apply when the first grass weed species in a mixed grass weed population reaches the recommended growth stage for treatment. Use the highest recommended rate for grasses in that group.
- Where irrigation is used as part of normal cropping practice, best results are usually obtained when FUSION herbicide is applied within 7 days after irrigation.
- 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.
- Do not plant rotational grass crops such as corn, sorghum, and cereals within 60 days of last application of FUSION herbicide.
- Avoid drift to all other crops and nontarget areas. Grass crops, except as specified, are highly susceptible to FUSION herbicide.
- Do not tank mix FUSION herbicide with other pesticides, liquid fertilizers or other additives except as specified on this label.
- Sequential applications of herbicides, except as specified in Table 4 of this label, may result in crop injury and/or reduced grass control.
- Thoroughly clean spray tank with water and a commercial tank cleaner before and after each use.
- Do not apply FUSION herbicide if rainfall is expected within 1 hour.

SPECIFIC RESTRICTIONS FOR SOYBEANS

- Do not apply a total of more than 24 oz. of FUSION herbicide per acre per season to soybeans.
- Make the last FUSION herbicide application to soybeans before bloom.
- Do not graze or harvest for forage or hay.

DIRECTIONS FOR ANNUAL AND PERENNIAL GRASS WEED CONTROL IN SOYBEANS

FUSION herbicide may be applied in the following states: Alabama, Arkansas, Connecticut, Delaware, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New York, North Carolina, North Dakota, Ohio, Oklahoma (east of Interstate 35), Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas (east of Interstate 35), Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming.

TABLE 2
FUSION HERBICIDE ANNUAL GRASS CONTROL USE RATE RECOMMENDATIONS

Annual Grass Species[1]	Ht. (In.)	No. of Leaves Not to Exceed	FUSION Rate When Used Alone (fl. oz./A)	FUSION Rate When Tankmixed[2] (fl. oz./A)
Barnyardgrass	2-3	3	8	8-10
Broadleaf signalgrass	2-4	5	8	8-10
Crabgrass				
Large crabgrass	1-2	4	8	8-10
Smooth crabgrass	1-2	4	8	8-10
Southern crabgrass	1-2	4	8	8-10
Tropical crabgrass	1-2	4	8	8-10
Downy Brome	2-6	4	6	6-8
Fall Panicum	2-6	6	8	8-10
Field Sandbur	2-4	4	8	8-10
Foxtails				
Giant foxtail	2-6	4	8	8-10
Green foxtail	2-4	4	8	8-10
Yellow foxtail	2-4	4	8	8-10
Goosegrass	2-4	6	8	8-10
Italian Ryegrass	2-4	4	8	8-10
Itchgrass	4-24	6	6	6-8
Johnsongrass, seedling	2-8	4	6	6-8

Annual Grass Species[1]	Ht. (In.)	No. of Leaves Not to Exceed	FUSION Rate When Used Alone (fl. oz./A)	FUSION Rate When Tankmixed[2] (fl. oz./A)
Junglerice	2-3	3	8	8-10
Red rice	½-1	2	10	10-12
Shattercane	6-12	8	6	6-8
Sorghum-alum	6-12	8	6	6-8
Southern sandbur	2-6	6	8	8-10
Texas Panicum	2-8	8	8	8-10
Volunteer Cereals				
V. Barley	2-6	6	8	8-10
V. Corn	12-24	10	6	6-8
V. Milo	6-12	4	6	6-8
V. Oats	2-6	6	8	8-10
V. Rye	2-6	6	8	8-10
V. Wheat	2-6	6	8	8-10
Wild Proso Millet	4-8	6	6	6-8
Witchgrass	2-4	6	8	8-10
Wild Oats	2-6	6	8	8-10
Woolly Cupgrass	2-4	6	8	8-10

[1] Retreatment at the recommended rate may be needed to control later germinating grasses or if regrowth occurs.

[2] The lowest rate of FUSION herbicide listed above may be tank mixed with postemergence broadleaf herbicides for species indicated under the following conditions

- Application under favorable soil moisture and humidity conditions, normally within a few days after rainfall or irrigation. Avoid extreme air temperatures.
- Application at earliest growth stages indicated on rate tables.
- Application in highly competitive crop stands such as narrow row or drilled soybeans, or where cultivation is planned.
- Application to light or moderate weed densities.
- Application with 1% v/v crop oil concentrate only.

If the conditions above do not exist, use the high rate for the species indicated.

TABLE 3
FUSION HERBICIDE PERENNIAL GRASS CONTROL USE RATE TABLE

Perennial Grass Species	Application	Ht. (In.)	Rate (fl. oz./A)
Bermudagrass[1]	1st 2nd	4-8 (Runner) 4-8	12 oz. 8 oz.
Quackgrass[2]	1st 2nd	6-10 10 in.	12 oz. 8 oz.
Rhizome johnsongrass[3]	1st 2nd	8-18 6-12	12 oz. 8 oz.
Wirestem muhly[4]	1st/2nd	4-12	8 oz.

[1] Make second application to Bermudagrass if regrowth occurs (usually about 4 weeks after first application). Bermudagrass control may be improved by directing the spray beneath the crop canopy. To improve coverage, make applications in a minimum of 15 gallons per acre.

[2]Make second application 2-3 weeks after the first, but before the quackgrass exceeds 10 inches in height. Always use 1% v/v crop oil concentrate. In no-till soybeans, a preplant application of GRAMOXONE® EXTRA herbicide is recommended. Spot treatment is not recommended.

[3]Make first application before the boot stage. In eastern Oklahoma, the Brazos Bottoms, the Blacklands, Coastal Bend and Rio Grande areas of eastern Texas, make the first application at 8-12 inches. If new shoots emerge or regrowth occurs, make a second application at 4-6 inches.

[4]Make second application if regrowth occurs.

TANKMIX AND SEQUENTIAL APPLICATIONS

FUSION herbicide may be used with selective postemergence broadleaf herbicides in a postemergence program for broad-spectrum weed control in soybeans. FUSION herbicide may be applied either sequentially or in a tankmix as specified below. The growth stage of the grass and broadleaf weeds at the time of application will determine if a sequential or a tankmix application should be used.

Sequential Applications
Sequential applications of herbicides, except as specified in Table 4 of this label, may result in crop injury and/or reduced grass control.

Sequential applications should be used when the grass and broadleaf weed are not both at the proper growth stage for treatment. If the grass weeds reach the proper treatment stage before the broadleaf weeds, apply FUSION herbicide first at the recommended rate listed in Tables 2 and 3. Following the application of FUSION herbicide, allow the Minimum Interval listed in Table 4 for the corresponding broadleaf herbicide to elapse before making the sequential application.

If the broadleaf weeds reach the proper treatment stage before the grass weeds, apply the broadleaf herbicide first as directed on the product label. Following the application of the broadleaf herbicide, allow the Minimum Interval for FUSION herbicide listed in Table 4 to elapse before making the FUSION herbicide application. Following the guidelines listed in Table 4 below is necessary to allow for adequate translocation and performance of FUSION herbicide. Failure to follow the Minimum Time Intervals below may result in reduced performance of FUSION herbicide.

TABLE 4
SEQUENTIAL APPLICATIONS

Order of Application		Minimum Interval Between Applications
Product Applied First	**Product Applied Second**	
REFLEX® 2LC herbicide or Blazer® herbicide	FUSION	Appearance of new grass leaf*
FUSION	REFLEX 2LC or Blazer	3 days
Basagran® herbicide	FUSION	1 day
FUSION	Basagran	1 day
Basagran + REFLEX 2LC or Blazer	FUSION	Appearance of new grass leaf*
FUSION	Basagran + REFLEX 2LC or Blazer	3 days
Classic® herbicide or Classic + Pinnacle® herbicide	FUSION	7 days
FUSION	Classic or Classic + Pinnacle	1 day
REFLEX 2LC + Classic	FUSION	Appearance of new grass leaf*
FUSION	REFLEX 2LC + Classic	3 days
Pursuit® herbicide	FUSION	10 days
FUSION	Pursuit	3 days

*Diphenyl ether herbicides such as REFLEX 2LC herbicide and Blazer herbicide can injure grasses, placing them under temporary stress. Before making an application of FUSION herbicide, allow the grasses to recover from this injury. The appearance of a new leaf from the treated grass is a good indication that the grass has recovered.

Tankmix Applications
FUSION herbicide may be tank mixed with postemergence broadleaf herbicides as specified in Table 5 of this label when annual grasses and broadleaf weeds are both at the proper stage of growth for treatment, as per the respective product labels.

Note: Tankmix applications sometimes have resulted in reduced grass weed control and possible increases in crop injury as compared to the products used alone. If grass regrowth occurs following an application of the tankmix or an additional flush of grasses emerge, make a second application of FUSION herbicide to actively growing grass weeds, as per the label recommendations. When perennial grasses are the predominant grass to be controlled, a tank mix is not recommended. Follow the directions for sequential applications of FUSION herbicide and the appropriate broadleaf herbicide.

Order of Tankmixing
Fill the spray tank with half the amount of required water and add the recommended amounts of FUSION herbicide, an appropriate broadleaf herbicide, and proper rate of approved adjuvant while the agitator is running, then add the remaining quantity of water.

Recommended Tankmixes
FUSION herbicide may be tank mixed with the herbicides listed below for broad-spectrum control of susceptible annual grass and broadleaf weeds. These products must be used at the recommended rates and growth stages in a manner consistent with their respective labels. SEE TABLE 5 AND THE SOYBEAN TANKMIX USE PRECAUTIONS SECTION FOR ADDITIONAL INFORMATION.

FUSION + REFLEX 2LC
FUSION + BASAGRAN
FUSION + REFLEX 2LC + BASAGRAN
FUSION + BLAZER
FUSION + BLAZER + BASAGRAN
FUSION + CLASSIC
FUSION + REFLEX 2LC+ CLASSIC
FUSION + PURSUIT

TABLE 5
TANKMIX APPLICATIONS RATE TABLE[1]

TANKMIX	RATE PER ACRE	NONIONIC SURFACTANT (NIS) CROP OIL CONCENTRATE (COC)
FUSION + REFLEX	6 - 8 fl. oz. 1 - 1½ pts.	0.5 - 1% COC or 0.25 - 0.5% NIS
FUSION + Blazer	6 - 8 fl. oz. 1½ - 3 pts	0.25% NIS Only **Do Not Use COC**

TANKMIX	RATE PER ACRE	NONIONIC SURFACTANT (NIS) CROP OIL CONCENTRATE (COC)
FUSION + Basagran	6 - 8 fl. oz. 1½ - 2 pts	1% COC Only **Do Not** Use NIS
FUSION + REFLEX 2LC + Basagran	6 - 8 fl. oz. 1 - 1½ pts. 1 - 1½ pts.	0.5 - 1% COC or 0.25 - 0.5% NIS
FUSION + Basagran + Blazer	6 - 8 fl. oz. 1 - 1½ pts. 1 - 1½ pts.	0.5 - 1% COC Only **Do Not** Use NIS
FUSION + Classic	6 - 8 fl. oz. 1/2 - 3/4 oz.	0.5 - 1% COC or 0.25 - 0.5% NIS
FUSION + REFLEX 2LC + Classic	6 - 8 fl. oz. 1 - 1½ pts. ½ oz.	0.5 - 1% COC or 0.25 - 0.5% NIS
FUSION + Pursuit[2]	6 - 8 fl. oz. 3 - 4 fl. oz.	0.5 - 1% COC or 0.25 - 0.5% NIS

[1]The recommendations in this table are guidelines only. Refer to the respective product label(s) for specific use rates, growth stages, limitations, cautions and for a list of weeds controlled.
[2]Volunteer corn and shattercane only.

TANKMIX APPLICATIONS - FUSION HERBICIDE AND GALAXY® HERBICIDE OR STORM® HERBICIDE

FUSION herbicide and Galaxy herbicide or Storm herbicide may be applied in a tankmix for postemergence control of volunteer corn, annual grasses and broadleaf weeds at the proper growth stages for treatment listed on the respective product labels.

The FUSION and Galaxy or Storm tankmix should be applied to actively growing weeds. Refer to the FUSION, Galaxy and Storm herbicide labels for the definition of environmental conditions that promote active growth.

Do not apply the tankmix if soybeans show injury from prior herbicide applications.

Read and carefully observe all applicable directions, restrictions and precautionary statements on the FUSION, Galaxy and Storm herbicide labels before using.

FUSION should be added to the tankmix at 8 to 10 ounces per acre. The 10 ounce rate may be necessary under conditions of low humidity and low soil moisture and should be used when weed foliage is dense or weeds have reached the maximum recommended growth stage.

Galaxy or Storm should be added to FUSION at rates recommended for broadleaf weed control and applied at a growth stage as specified on the respective herbicide labels.

An approved crop oil concentrate or nonionic surfactant should always be added to the tankmix of FUSION with Galaxy or Storm. Refer to respective labels for use of nonionic surfactant or crop oil concentrate.

TANKMIX APPLICATIONS - FUSION HERBICIDE WITH REFLEX + PINNACLE® HERBICIDES OR CLASSIC + PINNACLE HERBICIDES

FUSION + REFLEX + Pinnacle or FUSION + Classic + Pinnacle may be applied in a tankmix for postemergence control of volunteer and annual grasses and broadleaf weeds at the proper growth stages for treatment listed on the respective product labels.

The FUSION + REFLEX + Pinnacle or FUSION + Classic + Pinnacle tankmix should be applied to actively growing weeds. Refer to the specific product labels for description of environmental conditions that promote active growth.

Do not apply the tankmix if soybeans show injury from prior herbicide applications.

Read and carefully observe all application directions, restrictions and precautionary statements on the FUSION, REFLEX, Pinnacle and Classic herbicide labels before using.

FUSION should be added to the tankmix at 8 to 10 ounces per acre. The 10 ounce rate may be necessary under conditions of low humidity and low soil moisture and should be used when weed density is high or weeds have reached the maximum recommended growth state.

In case the grass population consists primarily of green or yellow foxtail, crabgrass, barnyardgrass or woolly cupgrass a sequential treatment of FUSION & Classic + Pinnacle should be used instead of a tankmix. The minimum interval between applications is 1 day if FUSION is applied first and 7 days when Classic + Pinnacle are applied first.

REFLEX + Pinnacle or Classic + Pinnacle should be added to FUSION at rates recommended for broadleaf weed control and applied at growth stages specified on the REFLEX, Pinnacle and Classic labels.

Always add an approved nonionic surfactant at a rate of 1/2 pint per 25 gallons (0.25% v/v) of water.

SOYBEAN TANKMIX USE PRECAUTIONS

- Do not tank mix FUSION herbicide with other pesticides, liquid fertilizers or other additives except as specified on this label.

- Always read and follow the restrictions and limitations for all products whether used alone or in a tankmix. The most restrictive labeling of any product used applies in tank mixtures.

- Do not apply tank mixes if rain is threatening. REFLEX 2LC herbicide requires a 4-hour rain-free period; Blazer herbicide requires a six hour rain-free period; Basagran herbicide requires an 8-hour rain-free period; and Classic herbicide requires a 4-hour rain-free period for best results.

- **In case of crop failure, only soybeans may be immediately replanted following use of Basagran, Blazer, REFLEX 2LC, and Classic.**

- **Do not make sequential or tankmix applications of any of these herbicides if the weeds appear stressed due to unfavorable temperatures, drought and/or low soil fertility.**

ANNUAL AND PERENNIAL GRASS WEED CONTROL IN RIGHTS-OF-WAY

FUSION herbicide can be applied to roadside rights-of-way for the control of annual and perennial grassy weeds. FUSION herbicide can be applied to the following grass species:

Common Bermudagrass	*Cynodon dactylon*
Fine Fescue	*Festuca rubra*
Perennial Ryegrass	*Lolium perenne*
Smooth Brome	*Bromus inermis*
Tall Fescue	*Festuca arundinaceae*

FUSION herbicide will control the following grassy weeds at a rate of 7-9 fluid ounces per acre:

Barnyardgrass	*Echinochloa crus-galli*
Foxtail species	*Setaria* spp.
Goosegrass	*Elusine indica*
Large Crabgrass	*Digitaria sanguinalis*
Johnsongrass	*Sorghum halepense*
Panicum species	*Panicum* spp.
Roughstalk Bluegrass	*Poa trivialis*
Smooth Crabgrass	*Digitaria ischaemum*
Wild Oats	*Avena fatua*

When annual grasses are the target weed species, apply the 7 fluid ounce rate when the grassy weeds are in the 1-leaf to 1-tiller stage of growth. Apply the 8 fluid ounce rate when the annual grassy weeds are in the 2-3 tiller stage of growth.

When rhizome johnsongrass in the target weed species, apply the 8 fluid ounce rate when the johnsongrass is up to 20 inches tall. Apply the 9 fluid ounce rate when the johnsongrass is larger than 20 inches tall.

SPRAY APPLICATION FOR HIGHWAY RIGHTS-OF-WAY

Apply with ground equipment using 30-100 gallons of water per acre and 30-60 PSI of water to uniformly cover the vegetation in the area to be treated. Use a fixed boom, off-center nozzles

or boomless straight stream nozzles properly calibrated to a constant speed of travel and rate of delivery. Allow mowed areas to regrow for at least 14 days before applying FUSION herbicide.

ADDITIVES

The addition a nonionic surfactant or paraffin-based crop oil at a rate of 32 ounces per 100 gallons of spr- solution is recommended for spray volumes between 30 and 100 gallons per acre. Thorou spray coverage is extremely important for optimum results.

NOTES FOR ANNUAL AND PERENNIAL GRASS WEED CONTROL IN RIGHTS OF-WAY

1. Adequate soil moisture will enhance the performance of FUSION herbicide. Reduced control may occur with FUSION herbicide applied under DROUGHT STRESS conditions.

2. Rainfall within one hour following application may cause a reduction in grass control.

3. Broadleaf herbicides containing 2,4-D will reduce the effectiveness of FUSION herbicide. Tankmixes with Telar®, Escort® or Garlon® are recommended. Broadleaf herbicides containing 2,4-D may be applied 5 days before or after a FUSION herbicide application.

4. FUSION herbicide is a selective grassy weed herbicide, and has little or no activity on broadleaf plants or sedges.

5. Applications to bermudagrass may result in temporary injury. Bermudagrass should be well established at the time of application or severe injury may result.

APPENDIX

Scientific names are listed for those weeds referred to in the FUSION herbicide label.

COMMON NAME	SCIENTIFIC NAME
Barnyardgrass	*Echinochloa crus-galli*
Bermudagrass	*Cynodon dactylon*
Bluegrass, roughstalk	*Poa trivialis*
Broadleaf signalgrass	*Brachiaria platyphylla*
Brome, Downy	*Bromus tectorum*
Brome, Smooth	*Bromus inermis*
Crabgrass, Large	*Digitaria sanguinalis*
Crabgrass, Smooth	*Digitaria ischaemum*
Crabgrass, Southern	*Digitaria ciliaris*
Crabgrass, Tropical	*Digitaria bicornis*
Fall Panicum	*Panicum dichotomiflorum*
Fescue, Fine	*Festuca rubra*
Fescue, Tall	*Festuca arundinaceae*
Field Sandbur	*Cenchrus incertus*
Foxtail, Giant	*Setaria faberi*
Foxtail, Green	*Setaria viridis*
Foxtail, Yellow	*Setaria lutescens*
Goosegrass	*Eleusine indica*
Guineagrass, seedling	*Panicum maximum*
Itchgrass	*Rottboellia exaltata*
Johnsongrass, Rhizome	*Sorghum halapense*
Johnsongrass, Seedling	*Sorghum halapense*
Junglerice	*Echinochloa colonum*
Prairie cupgrass	*Eriochloa contracta*
Quackgrass	*Agropyron repens*
Red Rice	*Oryza sativa*

COMMON NAME	SCIENTIFIC NAME
Ryegrass, Italian	*Lolium multiflorum*
Ryegrass, Perennial	*Lolium perenne*
Sorghum Almum	*Sorghum almum*
Southern Sandbur	*Cenchrus echinatus*
Southwestern cupgrass	*Eriochloa gracilis*
Texas Panicum	*Panicum texanum*
Volunteer Cereals	
V. Barley	*Hordeum vulgare*
V. Corn	*Zea mays*
V. Milo	*Sorghum bicolor*
V. Oats	*Avena sativa*
V. Rye	*Secale cereale*
V. Wheat	*Triticum aestivum*
Wild Oats	*Avena fatua*
Wild Proso Millet	*Panicum miliaceum*
Wirestem Muhly	*Muhlenbergia frondosa*
Witchgrass	*Panicum capillare*
Wooly cupgrass	*Eriochloa villosa*

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

STORAGE: Store in original container only. Keep container closed with not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth or synthetic absorbent. Remove to chemical waste area.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL:
Metal Containers: Triple-rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.
Plastic Containers: Triple-rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

FOR BULK AND MINI-BULK CONTAINERS:
CONTAINER PRECAUTIONS: Before refilling, inspect thoroughly for damage, such as cracks, punctures, bulges, dents, abrasions and damaged or worn thread on closure devices.
REFILL ONLY WITH FUSION HERBICIDE. The contents of this container cannot be completely removed by cleaning. Refilling with materials other than FUSION herbicide will result in contamination and may weaken container. After filling and before transporting, check for leaks. Do not refill or transport damaged or leaking container. **CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.**

IMPORTANT: Read the Entire Directions for Use and the Conditions of Sale and Warranty before using this product.

CONDITIONS OF SALE AND LIMITED WARRANTY:

The Directions for Use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended or other influencing factors in the use of the product, all of which are beyond the control of the seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label, subject to the inherent risks referred to above, when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller and Buyer and User assume the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY.

When Buyer or User claims losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability or other legal theories), Buyer or User must promptly notify in writing Seller of any claims to be eligible to receive either of the remedies set forth below. The EXCLUSIVE REMEDY OF BUYER OR USER and the LIMIT OF LIABILITY of Seller will be, at the election of Seller, refund of the purchase price paid for product bought, or replacement of amount of product used. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.

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