

3125-522

1/21/2000

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RESTRICTED USE PESTICIDE

May injure (phytotoxic) susceptible non-target plants.

For retail sale to and use only by certified applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

Commercial and certified applicators must ensure that all persons involved in these activities are informed of the precautionary statements.

ACCEPTED

JAN 21 2000

EpicTM

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 3125-522

DF Herbicide

For weed control in field corn and corn grown for silage in the states of Arkansas, Colorado, Illinois, Indiana, Iowa, Kansas, Kentucky, Missouri, Montana, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota, Tennessee, Texas (those counties north of or bisected by I-20) and Wyoming. In the states of Colorado, Kansas, Missouri and South Dakota (a section 24C) supplemental label that has been established that has more restrictive conditions of the use of this product. You should check with your state regulatory authority prior to use.

ACTIVE INGREDIENT:

Flufenacet:

N-(4-Fluorophenyl)-*N*-(1-methylethyl)-2-[[5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl]oxy]-acetamide 46%

Isoxaflutole

[5-cyclopropyl-4-(2-methylsulfonyl-4-(trifluoromethyl)benzoyl) isoxazole] 10%

INERT INGREDIENTS 42%
100%

EPA Reg. No. 3125-522

Net Contents: ☐ Pounds

STOP - Read the label before use.
Keep out of reach of children.

CAUTION

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or inhaled. Avoid contact with skin, eyes, or clothing. Avoid breathing dust.

Personal Protective Equipment:**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks.
- Chemical resistant apron (when mixing/loading and cleaning equipment).

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove Personal Protective Equipment immediately after handling this product.
- Wash the outside of gloves before removing.
- As soon as possible, wash thoroughly and change into clean clothing.

Obtain prompt medical aid if poisoning should occur.

STATEMENTS OF
PRACTICAL TREATMENT

If **swallowed**, vomiting should be induced. Administer water freely and induce vomiting by giving one dose (1/2 oz or 15 mL) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Professional medical assistance should be secured immediately. If **on skin**, wash thoroughly with soap and warm water. If **in eyes**, immediately flush eyes with plenty of water for at least 15 minutes. For further treatment get medical attention.

To Physician: No specific antidote is available. Treat the patient symptomatically.

ENVIRONMENTAL HAZARDS

Drift or runoff may adversely affect non-target plants. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. 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 apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwaters.

Do not use the same spray equipment for other purposes unless thoroughly cleaned. Do not allow sprays to drift onto adjacent desirable plants. EPIC has properties that may result in ground water contamination. Use of EPIC in areas where soils are permeable or coarse and groundwater is near the surface could result in groundwater contamination.

EPIC residues can contaminate surface water through spray drift. Under some conditions, EPIC residues may also have a

high potential for runoff into surface water (primarily via dissolution in runoff water), for several weeks after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas over-laying extremely shallow ground water, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips and areas over-laying tile drainage systems that drain to surface water.

In fields having sands, loamy sands and sandy loam soils, special care should be taken not to over-irrigate since substantial over-irrigation promotes the leaching of EPIC.

This pesticide is toxic to some plants at very low concentrations. Non-target plants may be adversely affected if the pesticide is allowed to drift from areas of application. Exposure to isoxaflutole residues may injure or kill susceptible plants. To prevent damage to crops and other desirable plants, read and follow all directions and precautions on this label before using.

This product may not be mixed or loaded within 50 feet of any wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing / loading areas.

Operations that involve mixing, loading, rinsing, or washing of this product into or from pesticide handling or application equipment or containers within 50 feet of any well are prohibited unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or washwater, and rainwater that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad, which means the pad must be self contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain at a minimum 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment capacity of 100% of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above specific minimum containment capacities do not apply to vehicles when delivering pesticide shipments to the mixing / loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

This product must be used in a manner which will prevent back siphoning in wells, spills or improper disposal of excess pesticide, spray mixtures or rinsates.

CONDITIONS OF SALE OR OF DELIVERY FOR USE: THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC AREA WHERE THE PRODUCT IS USED. INSUFFICIENT CONTROL OF PESTS AND/OR INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER. OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. BAYER OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF BAYER AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

DIRECTIONS FOR USE

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

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

AGRICULTURAL USE REQUIREMENTS

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

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

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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
- Waterproof gloves
- Shoes plus socks

IMPORTANT: Read these entire Directions and Conditions of Sale before using EPIC.

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GENERAL INFORMATION

EPIC is a selective herbicide for control of important annual grasses and broadleaf weeds in field corn and corn grown for silage. EPIC is formulated as a 58 % water dispersible granule (DF). EPIC may be used in either conventional, conservation or no-tillage crop management systems and may be applied preplant surface, preplant incorporated (mix into the top 1 to 2 inch layer of soil) and preemergence. Do not apply after corn emergence or crop injury may occur. EPIC will provide its most effective weed control when applied and subsequently moved into the soil by rainfall, sprinkler irrigation or mechanical tillage prior to weed emergence. EPIC has multiple modes of actions: inhibition of protein synthesis/cell division and inhibition of enzymes that are essential to the protection of chlorophyll in plant leaves.

EPIC may be applied using either water or sprayable grade fluid fertilizer as a liquid carrier or be impregnated on dry bulk fertilizer.

EPIC may be applied either alone or in tank mix combination with additional herbicides. When tank mixing, always observe all precautionary statements and limitations on labeling of all products.

EPIC is effective in controlling triazine- or ALS-resistant populations of weed species.

GENERAL USE RESTRICTIONS

For use in the states of Arkansas, Colorado, Illinois, Indiana, Iowa, Kansas, Kentucky, Missouri, Montana, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota, Tennessee, Texas, (North of Interstate 20) and Wyoming. In the states of Colorado, Kansas and Missouri, there may be more restrictive conditions on the use of this product. You should check with your state regulatory authority prior to use.

Use in coarse textured soils with a shallow water table: In the states of KS, KY, MO, and TN, if the water table (ie, level of saturation) is less than 25 feet below the ground surface, do not use on loamy sand or sand surface soil and subsoils with an average organic matter (in the upper 12 inches) of less than 2% by weight.

In the states of CO, IA, IL, IN, MT, ND, OH, SD, and WY if the water table (ie, level of saturation) is less than 25 feet below the ground surface, do not use on sandy loam, loamy sand or sand surface soils and subsoils with an average organic matter (in the upper 12 inches) of less than 2% by weight.

Labeled crops: EPIC is intended for use on field corn or corn grown for silage. Do not use on popcorn, sweetcorn, high oil corn hybrids or corn grown for seed.

Corn hybrids vary in their response to EPIC. Consult your seed corn company and/or your local Bayer representative for advice on varieties before applying EPIC. If the tolerance of a corn hybrid is not known, apply EPIC to a small area to first determine if this hybrid is tolerant prior to spraying large scale acreages of that hybrid.

Planting depth: Corn seed should be planted a minimum of 1-1/2 inches deep and must be completely covered with soil or reduced crop stand or injury may occur.

Application: Apply EPIC only with ground equipment. Do not apply this product using aerial application equipment. Do not apply this product through any type of irrigation system nor use flood irrigation for activation or incorporation.

Do not exceed maximum labeled rate for soil type. **Spray overlaps produce areas of over application which increase the potential for crop damage.**

Do not make more than one application of EPIC per season.

If soil pH is > 7.5 on coarse textured soils, do not use EPIC. On medium textured soils, if pH is > 7.5 and organic matter content is < 2.5% by weight, use of EPIC is not recommended.

Effect of adverse weather: Following an application of EPIC, extended periods of cool/cold, wet conditions (cool/cold daytime/nighttime temperatures, saturated soil conditions, recurring rainfall events, etc.) during corn seed germination and/or early crop development period may result in temporary crop injury. Injury symptoms may appear as leaf tissue bleaching (whitening) and/or crop stunting. Corn plants usually recover from this injury without affecting yield.

Effect of variable soils on use rate: The proper use rate of EPIC is affected by several soil factors, including soil texture, organic matter, and soil pH. Soils which contain variations in one or more of these factors in a given area are termed variable soils and may be more likely to incur localized corn injury symptoms from an application of EPIC, especially in those localized areas containing a more coarse soil texture, a lower organic matter and/or a higher pH (alkaline/calcareous) soil than other areas of the same field. The user is responsible for selecting the rate of EPIC that is appropriate for all soils in the area of application.

In the event of crop failure: If the corn crop treated with EPIC is lost, only corn may be replanted immediately. Do not make a second application of EPIC.

RATE SELECTION/SOIL TEXTURE

The recommended rates of EPIC are defined by texture and organic matter content of the soil being treated. Unless a specific soil texture is mentioned, rate tables throughout this label refer to the following three soil texture groups: coarse, medium and fine. If you are not sure how to classify your soil, contact your Bayer Corporation representative, the Cooperative Extension Service or other knowledgeable person. The following chart includes a complete listing of soil textures included in each of the soil textures grouping:

COARSE	MEDIUM	FINE
Sand	Loam	Silty clay loam
Loamy sand	Silt loam	Silty clay
Sandy loam	Silt	Clay loam
	Sandy clay loam	Clay
	Sandy clay	

MIXING INSTRUCTIONS

LIQUID CARRIERS

EPIC is a dry flowable herbicide that must be mixed in water or sprayable fluid fertilizer. EPIC can be directly added to water, or 28-0-0 or 32-0-0 liquid fertilizers. Compatibility of EPIC with its labeled tank mix products in other liquid carriers should always be predetermined prior to spraying. Refer to the COMPATIBILITY TEST (Appendix I) of this label to determine product compatibility in fluid carriers.

Before mixing EPIC and its labeled tank mixtures, examine the spray equipment making sure it is completely free of rust and corrosion. Be sure the equipment is free of any residues from previously used pesticides. Flush the lines with clean

water or recommended detergents after the last application. Use an approved method for disposing of rinsate.

For optimal spray tank mixing convenience and efficiency, EPIC is recommended to be added to the spray tank via an eductor system.

The proper mixing sequence for EPIC and recommended tank mixtures with the appropriate liquid carrier is as follows:

1. Fill the spray tank or nurse tank 1/4 full with the appropriate liquid carrier.
2. Start the recirculation and agitation system and continue throughout mixing and application.
3. If the compatibility test indicates the need of a compatibility agent, add the recommended amount to the spray tank.
4. If ammonium sulfate is to be used, add it now.
5. Next add the recommended quantity of EPIC through the eductor system or to the spray tank [slowly add EPIC if water or sprayable grade nitrogen fertilizers (28-0-0, 32-0-0) are the carriers; for other sprayable grade fertilizers first check compatibility and then either mix directly or preslurry EPIC first in water depending on the results of the compatibility test].
6. If tank mixing with wettable powders or other dry flowable products, in water as the carrier, they may be added now. If tank-mixing these products in a sprayable grade fertilizer carrier, first preslurry these products with water if indicated on their product label or by the results of the compatibility test and then slowly add them to the sprayable grade fertilizer carrier.
7. If tank mixing with suspension concentrates, add the products to the spray tank.
8. If tank mixing with emulsifiable concentrates, add the products to the spray tank.
9. If tank mixing with Gramoxone Extra®, a glyphosate-containing product, Touchdown® or other soluble concentrates, add the products to the spray tank.
10. If mixing any additional spray adjuvants in the mixture, add them after all other products have been mixed.
11. Fill the spray tank to the desired level with the appropriate liquid carrier.
12. Continue agitation during transport and application until the spray tank is empty.

EPIC and all registered mixtures should be kept agitated once mixed and then sprayed out immediately. Do not allow mixtures to stand for prolonged periods of time. Water quality, pH, temperature and/or other components of the mixture may affect how long the mixture may stand before application.

Sprayer Cleanup

To avoid injury or exposure to non-target crops, thoroughly clean all mixing and spray equipment, including pumps, nozzles, lines and screens, with a good quality tank cleaner, on an approved rinse pad or on a field site where an approved crop is grown.

APPLICATION INFORMATION

SPRAYER APPLICATION

Ground Broadcast Treatment: Accurately calibrate the sprayer prior to mixing the herbicide treatments. Apply EPIC and the labeled tank mixtures in a minimum of 10 gallons of total spray volume per acre using broadcast boom pressure and volume to provide accurate and uniform application of spray particles to a given area without causing spray drift to non-target areas. If mixed with other labeled herbicides, the spray volume may be no less than the minimum volume recommended by any tank mix product used or 10 gallons, whichever is greater. Use appropriately sized mesh screens and in-line strainers. Agitate thoroughly before and during application with either bypass or mechanical agitation. Rinse the sprayer thoroughly with clean water immediately after each use.

APPLICATION METHODS AND TIMINGS

EPIC may be applied either alone or in recommended tank mixtures in conventional, conservation or no-till crop management systems. Applications may be made preplant surface, preplant incorporated or preemergence. Do not make more than one application of EPIC per use season. Do not apply when environmental conditions favor drift.

Preplant Surface: EPIC alone or as a recommended tank mixture may be applied as a broadcast spray up to 21 days before planting corn. EPIC may be applied up to 30 days prior to planting when used in conjunction with an appropriate planned sequential herbicide application. If possible, do not move treated soil out of the row or move untreated soil to the soil surface during planting, since weed control may be reduced.

Preplant Incorporation: Apply EPIC alone or in combination with recommended tank mixes as a broadcast spray and incorporate into the upper 1 to 2 inches of the soil surface up to 21 days before planting. EPIC may be applied up to 30 days prior to planting when used in conjunction with an appropriate planned sequential herbicide application. Avoid deep incorporation since reduced weed control and/or crop injury may result. Incorporate with implements which provide uniform, shallow incorporation (Example- finishing disk, harrow, rolling cultivator, field cultivator, etc.)

Preemergence: EPIC alone and its recommended tank mixes may be applied to the soil surface during planting (behind the planter after furrow closure) or after planting of the crop but prior to weed or crop emergence. Ensure that the seed furrow is closed prior to herbicide application or crop injury may result. Rainfall and/or overhead sprinkler irrigation is necessary to move EPIC into the upper soil surface where weed seeds germinate. Dry weather conditions following application may reduce weed control. If adequate moisture is not received within 7 to 10 days after application and weeds begin to emerge from the soil, a light rotary hoeing or shallow incorporation (no deeper than 1/2 inch deep) will improve performance and minimize crop damage. Excessive rainfall or irrigation after application may reduce weed control and/or increase crop damage.

Preplant / Preemergence Burndown: If weeds are present at the time of treatment, a tank-mixture of EPIC with crop oil concentrate or methylated seed oil is recommended for burndown control of labeled weeds less than 3 inches in height. If weeds greater than 3 inches in height or weeds

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not controlled by EPIC are present, the addition of a nonselective herbicide such as Gramoxone Extra, Touchdown or a glyphosate-containing product is recommended. For additional broadleaf weed control, a recommended formulation of 2,4-D may also be added. If giant ragweed or Pennsylvania smartweed are present at time of application, the addition of atrazine will improve control. Observe directions for use, precautions and restrictions on the labels of all products selected for a burndown tank-mixture. Burndown tank-mixtures containing atrazine will result in the burndown of labeled broadleaf weeds less than 6 inches in height.

WEEDS CONTROLLED / SUPPRESSED

EPIC applied at recommended dosages and application timings will control many annual grasses and broadleaf weeds, including triazine and ALS resistant weed populations.

WEED CONTROL LISTING

ANNUAL GRASS WEEDS

Barnyardgrass	Goosegrass
Crabgrass, large	Johnsongrass, seedling
Crabgrass, smooth	Lovegrass, India
Cupgrass, woolly**	Millet, wild proso**
Foxtail, bristly	Panicum, fall
Foxtail, giant	Panicum, browntop
Foxtail, green	Panicum, Texas**
Foxtail, robust white	Sandbur, field**
Foxtail, robust purple	Signalgrass, broadleaf
Foxtail, yellow	Witchgrass

ANNUAL BROADLEAF WEEDS

Amaranth, palmer	Nightshade, eastern black
Beggarweed, Florida	Pennycress, field
Buffalobur	Pigweed, redroot
Burcucumber**	Pigweed, prostrate
Carpetweed	Pigweed, smooth
Chamomile spp.	Purslane, common
Chickweed, common	Pusley, Florida
Cocklebur**	Radish, wild
Dandelion, seedling	Ragweed, giant**
Galinsoga	Ragweed, common
Jimsonweed	Russian thistle**
Kochia	Shepherdspurse
Lambsquarters, common	Smartweed, Penn.
Mallow, Venice	Spurge, spotted
Marestail	Sunflower, wild**
Morningglory, annual**	Velvetleaf
Mustard, wild	Waterhemp, tall
Nightshade, black	Waterhemp, common

** These weeds will be suppressed / or be reduced in competition. Reduced competition weeds will be stunted in growth and / or be of reduced populations as compared to non-treated areas. Commercially acceptable control may require the application of an appropriate preemergence tank mixture or sequential postemergence herbicide treatment.

¹ Woolly cupgrass at rates less than 13 oz is suppressed only. For residual control use the higher rates indicated for woolly cupgrass control on designated soil types from the following tables.

USE RATES

EPIC may be applied alone, in tankmixture with, or sequentially with additional registered herbicides to provide control of annual grasses and broadleaf weeds. Application rates may vary according to application timing and soil texture grouping. Choose the correct rate of EPIC according to your cropping management and soil texture group.

COARSE TEXTURED SOIL				
Conventional tillage / Conservation tillage / No-till				
Application Timing	Soil Organic Matter (% by weight)			
	<1.5	1.5 to 2	2 to 3	>3
Preemergence	Do not use			
Preplant (surface or incorporated, 0 to 7 days before planting)		6 to 8 oz/A	8 to 9 oz/A	8 to 10 oz/A
Preplant (surface or incorporated) 8 to 21* days before planting		7 to 9 oz/A	9 to 10 oz/A	9 to 11 oz/A
Use the <u>higher</u> rate of EPIC within the applicable rate range under any of the following conditions: high soil organic matter, heavy surface plant residues, heavy weed pressure, or when applying no-till, or with earlier preplant applications.				
Use the <u>lower</u> rate of EPIC within the applicable rate range under any of the following conditions: low soil organic matter, increased tillage and/or incorporation of surface plant residues, or preplant applications made near the minimum interval prior to planting.				
On coarse textured soil with a soil pH greater than 7.5, do not use EPIC.				
* EPIC may be applied up to 30 days prior to planting when used in conjunction with an appropriate planned sequential herbicide application.				

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MEDIUM TEXTURED SOIL

Conventional tillage / Conservation tillage / No-till			
Application Timing	Soil Organic Matter (% by weight)		
	<1.5	1.5 to 2	>2**
Preemergence	Do not use		
Preplant (surface or incorporated, 0 to 7 days before planting)		7 to 10 oz/A	9 to 13 oz/A
Preplant (surface or incorporated) 8 to 21* days before planting		9 to 11 oz/A	11 to 15 oz/A

Use the higher rate of EPIC within the applicable rate range under any of the following conditions: high soil organic matter, heavy surface plant residues, heavy weed pressure, or when applying no-till, or with earlier preplant applications.

Use the lower rate of EPIC within the applicable rate range under any of the following conditions: low soil organic matter, increased tillage and/or incorporation of surface plant residues, or preplant applications made near the minimum interval prior to planting.

On medium textured soil with a soil pH greater than 7.5 and an organic matter of less than 2.5% by weight, EPIC is not recommended.

* EPIC may be applied up to 30 days prior to planting when used in conjunction with an appropriate planned sequential herbicide application.

** For residual control of woolly cupgrass on medium textured soils with >2% organic matter by weight, the grower may select 13 - 15 oz of EPIC. Use of these EPIC rates 0-7 days preplant or preemergence on the indicated medium soil types

FINE TEXTURED SOIL**

Conventional tillage / Conservation tillage / No-till		
Application Timing	Soil Organic Matter (% by weight)	
	<1.5	>1.5
Preemergence		
Preplant (surface or incorporated, 0 to 7 days before planting)	10 to 11 oz/A	11 to 15 oz/A
Preplant (surface or incorporated) 8 to 21* days before planting	11 to 13 oz/A	12 to 17 oz/A

Use the higher rate of EPIC within the applicable rate range under any of the following conditions: high soil organic matter, heavy surface plant residues, heavy weed pressure, or when applying no-till.

Use the lower rate of EPIC within the applicable rate range under any of the following conditions: low soil organic matter, increased tillage and/or incorporation of surface plant residues, or preplant applications made near the minimum interval prior to planting.

* EPIC may be applied up to 30 days prior to planting when used in conjunction with an appropriate planned sequential herbicide application.

** For residual control of woolly cupgrass on fine textured soils the grower may select 13 - 15 oz of EPIC. Use of these EPIC rates on fine textured soils with <1.5% organic matter by weight may increase the potential for crop damage.

TANK MIX COMBINATIONS

EPIC may be tank-mixed with additional herbicides to provide improved control of certain hard-to-control weeds such as morningglories, cocklebur and giant ragweed and may be applied in either conventional, conservation or no-till crop management systems. Mix partners may be applied with similar timings and methods as EPIC alone unless specifically prohibited in the mix partner's product label. Three-way or multiple tank mixtures are permitted unless restricted by any mix partner's label. Refer to the individual product labels for recommended use rates (unless mentioned specifically on this label), precautions and restrictions.

Herbicides recommended for tank mixture with EPIC include:

TANK MIX PARTNER	RECOMMENDED USE RATES
Atrazine	0.5 to 1.25 lb ai/A*
Axiom™**	1/2 to 1x Labeled Use Rates
Axiom™ AT**	1/2 to 1x Labeled Use Rates
Barvel®	Labeled Use Rates
Clarity®	Labeled Use Rates
Glyphosate	Labeled Use Rates
Gramoxone Extra®	Labeled Use Rates
Hornet®	Labeled Use Rates
Marksman®	Labeled Use Rates
Roundup®	Labeled Use Rates
Roundup Ultra®	Labeled Use Rates
Touchdown®	Labeled Use Rates
2,4-D LVE	Labeled Use Rates

* Use the higher rate under any of the following conditions: heavy surface plant residues, heavy morningglory/cocklebur pressure, medium/fine textured soils with > 3% organic matter by weight, no-till crop management systems.

** These products and Epic contain flufenacet. The maximum application rate of flufenacet is 0.78 lb (ai) per year.

SEQUENTIAL APPLICATIONS

Sequential herbicide applications either before or following EPIC treatments may be used to control additional weeds.

2,4-D	Buctril Gel®	Poast®
Accent Gold®	Buctril+Atrazine®	Prowl®
Accent®	Buctril®	Pursuit®
Am®	Clarity®	Python®
Atrazine	Contour®	Resolve®
Barvel®	Exceed®	Resource®
Basagran®	Extrazine®	Roundup Ultra®
Basis Gold®	Glyphosate	Roundup®
Basis®	Gramoxone Extra®	Scorpion II®
Battalion®	Hornet®	Sencor®
Beacon®	Laddok S-12®	Shotgun®
Bladex®	Liberty®	Spirit®
Bromoxynil	Lightning®	Touchdown®
+ Atrazine	Marksman®	Tough®
Bromoxynil	Permit®	

Refer to the above information and the individual product labels for detailed explanations on use rates and directions and special precautions/restrictions.

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CROP ROTATION RECOMMENDATIONS

In the event of a crop failure, only corn can be replanted immediately. Do not make a second application of EPIC. Do not plant rotational crops for at least 6 months following the initial EPIC application.

Waiting periods after EPIC herbicide application before the following crops can be planted.

IMMEDIATELY

Corn

6 MONTHS

Cotton

Potato

Soybean

12 MONTHS

Alfalfa	Fescue	Sorghum
Barley	Lettuce	Sugar beets
Bermudagrass	Millet pearl	Teosinte
Bluegrass	Millet prose	Tritical
Bromegrass	Oats	Wheat
Buckwheat	Peppers	Wild Rice
Cabbage	Popcorn	All other leafy vegetables
Carrots	Radish	
Clover	Rice	
Edible beans	Rye	

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed below. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Kansas City Emergency Response Telephone No. is 800-414-0244, or contact Chemtrec at 800-424-9300.

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). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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APPENDIX I

COMPATIBILITY TEST

A compatibility test is highly recommended for all applications with liquid fertilizers. Prior to mixing products in the spray tank, small quantities of each product can be mixed in proportionate quantities to evaluate compatibilities. The following test assumes a spray volume of 25 gallons per acre. If other spray volumes are to be used, adjust the appropriate amounts of ingredients. To check for compatibility, use the following procedure:

1. Add two inches of the liquid carrier (water or liquid fertilizer) to a one-quart jar fitted with a tight lid.
2. Add the appropriate amount of herbicide. If more than one product is used, the recommended mix sequence is the dry herbicide first, flowables next and emulsified concentrates last. For dry herbicides, add 1-1/2 level teaspoons/pound/acre use rate and for liquids add 1/2 teaspoon/pint/acre use rate.
3. Add one pint of the liquid carrier (water or liquid fertilizer) to the jar. Place the lid on the jar and gently shake the jar for one minute. Place the jar on a level surface and let it stand for 30 minutes.
4. Reagitate the mixture and observe for signs of phase separation, flakes, particles, gels, precipitates, etc., that would prevent the mixture from being a sprayable solution. If none of these conditions occur, the mix is compatible.
5. If incompatible, use of a compatibility agent is recommended. Rerun the above test but first add a compatibility agent (1/4 teaspoon is equal to a use rate of 2 pints/100 gallons spray mix) and gently shake the jar prior to adding herbicides.
6. If the mixture is now compatible, a compatibility agent should be used in the spray mixture at its recommended rate.
7. If the components of the solution are still incompatible, the mixture should not be attempted for use in the spray tank.
8. Contact your Bayer representative for further recommendations on testing spray solution compatibilities.

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