

PM 25

3125-522

11-18-98

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

3125-522

Date of Issuance:
NOV 18 1998

Date of Expiration:

NOV 1 2001

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Epic

Name and Address of Registrant (Include ZIP Code):

Bayer Corporation
8400 Hawthorn Road
P.O. Box 4913
Kansas City, MO 64120-0013

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c) (7) (A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c) (5) when the Agency requires all registrants of similar products to submit such data.

2. Make the following label changes before you release the product for shipment:

- a. Revise the EPA Registration Number to read, "EPA Registration No. 3125-522".
- b. To the Personal Protective Equipment section add:

Chemical resistant apron (when mixing/loading and cleaning equipment).
- c. Specify: "For use only in the states of Arkansas,..." or "Use is restricted to the states of Arkansas,..."

Signature of Approving Official:

Date:

11-18-98

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3. This registration is time-limited and will terminate on November 1, 2001 unless renewed by EPA. This registration will permit sale and use only in the states of Arkansas, Indiana, Illinois, 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.

4. During the term of this conditional registration, Bayer Corporation will not support efforts, in states where use has not been authorized, to obtain emergency exemptions for use of this product under FIFRA Sec. 18 or additional uses to meet special local needs under FIFRA Sec. 24(c). The scope of this provision will be revised to conform to any decisions reached under provision #4 as to the states where use is authorized.

5. Submit one copy of the revised final printed label for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.


James A. Tompkins
Product Manager (25)
Herbicide Branch
Registration Division (7505C)

Enclosure

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522-9196.YLD

U.S. LABEL

Base Pre-Reg (9196)

Reason to Issue: To revise as per EPA letter
08/18/98 and the Balance label.

Date of Pre-Reg Draft: 09/29/98 (D)
Supersedes Pre-Reg Draft Dated: 02/02/98

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.

FOE 5043 + IFT Epic

ACTIVE INGREDIENT:

FOE 5043: N-(4-Fluorophenyl)-N-(1-methylethyl)-2-[[5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl]oxy]acetamide	48%
Isoxaflutole [5-cyclopropyl-4-(2-methylsulfonyl-4-trifluoromethylbenzoyl) 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

ACCEPTED
with COMMENTS
In EPA Letter Dated:
NOV 18 1998

CAUTION

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

CAUTION: Harmful if swallowed or inhaled.
~~Causes moderate eye irritation. Avoid contact~~
~~with skin, eyes, or clothing. Avoid breathing~~
~~dust. Wash thoroughly with soap and water~~
~~after handling. Keep out of reach of children.~~
~~Do not contaminate food or feed.~~

Personal Protective Equipment:

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks.

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.

Text being added is highlighted by redlining.

Text being deleted is highlighted by strikeout.

FOE 5043 + IFT Epic

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.

To Physician: No specific antidote is available. Treat the patient symptomatically. If in eyes: Immediately flush eyes with plenty of water for at least 15 minutes. For further treatment get medical attention.

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 use on other crops grown for food or forage. 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. FOE 5043 and isoxaflutole EPIC has have properties that may result in ground water contamination. Application 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, isoxaflutole residues 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 chemicals 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.

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.

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.

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, Illinois, Indiana, Iowa, Kansas, Kentucky, Missouri, Montana, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota, Tennessee, Texas (North of Interstate-20) and Wyoming.

EPIC is intended for use on field corn or corn grown for silage. Do not use on popcorn, sweetcorn, white corn or corn grown for seed.

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

Apply EPIC only with ground equipment. Do not apply by using chemigation or aerial application equipment. Do not apply this product through any type of irrigation system.

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

~~Do not apply EPIC or EPIC tank mixtures when environmental conditions may favor drift to non-target sites. Do not apply this product using aerial application equipment.~~

Avoid spray overlap, as crop damage may result.

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

Do not use flood irrigation to apply, activate or incorporate EPIC.

EPIC is not registered for use in California.

In the states of ~~AL, GA, DE, CA, FL, KS, KY, LA, MD, MO, NC, SC, and TN, VA and WV~~, if the water table is less than 25 feet below the ground surface, do not apply on loamy

sand or sand surface soil and sand subsoils with an average organic matter in the upper 12 inches or less than 2 % by weight.

In the states of ~~CT, IA, IL, IN, MA, MN, MT, ND, NE, NJ, NY, OH, PA, RI, SD, WI and WV~~, if the water table is less than 25 feet below the ground surface, do not apply on sandy loam, loamy sand or sand surface soils and loamy sand or sand subsoils with an average organic matter in the upper 12 inches or less than 2 % by weight.

~~In the states of ME, NH and VT, if the water table is less than 25 feet below the ground surface, do not apply on sandy loam, loamy sand or sand surface soils.~~

Do not apply in the following areas: Long Island, NY (Nassau and Suffolk Counties), Southern Coastal Oregon (Curry County) and Wisconsin Central Sands (Portage, Langlade, Juneau, Marathon, Adams, Waushara, Waupaca and Wood Counties).

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 Loamy sand Sandy loam	Loam Silt loam Silt Sandy clay loam Sandy clay	Silty clay loam Silty clay Clay loam Clay

MIXING INSTRUCTIONS

LIQUID CARRIERS

EPIC is a dry flowable herbicide that must be mixed in water or sprayable fluid fertilizer. Compatibility of EPIC or its labeled tank mix products with these liquid carriers should always be predetermined prior to spraying. Refer to the SPRAYABLE FLUID FERTILIZER COMPATIBILITY TEST (Appendix I) of this label to determine product compatibility in fluid fertilizer 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 directly if water or sprayable grade nitrogen fertilizers (28-0-0, 342-0-0) are the carriers; for other sprayable grade fertilizers first check compatibility and then either mix directly or pre-slurry first in water depending on the results of the compatibility test].
6. If tank mixing with wettable powders or other dry flowable products, make a slurry of these products with water and add the slurry slowly to the spray tank. In water as the carrier, they may be added now. If tank-mixing these products in a sprayable grade fertilizer carrier, first pre-slurry these products with water and then slowly add them to any sprayable grade fertilizer carrier.

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EPIC

7. If tank mixing with emulsifiable concentrates or soluble products, add the products to the spray tank.
8. If tank mixing with Gramoxone Extra®, a glyphosate-containing product or Touchdown® add the products to the spray tank.
9. If mixing any additional spray adjuvants in the mixture, add them after all other products have been mixed.
10. Fill the spray tank to the desired level with the appropriate liquid carrier.
11. 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.

DRY FERTILIZER CARRIERS

EPIC may be impregnated or coated on dry bulk fertilizers for application. Refer to Appendix II of this label for details.

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 equipment. Application must be made at a sufficient spray 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.

Band Treatment: EPIC and the labeled tank mixtures may be applied as a band treatment. Use the following formula to calculate the amount of herbicide needed for band treatments:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \frac{\text{Broadcast rate}}{\text{per acre}} = \frac{\text{Band rate}}{\text{per acre}}$$

DRY FERTILIZER APPLICATION

Apply using a minimum of 200 lbs. of dry fertilizer per acre. See Appendix II for additional details.

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 14 days before planting corn. If weeds are present at the time of application, EPIC may be tank-mixed with crop oil or another surfactant, or with a recommended nonselective herbicide such as a glyphosate-containing product, Touchdown or Gramoxone Extra for assistance in controlling emerged weeds. Observe directions for use, precautions and restrictions on the label of the nonselective herbicide. 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 14 days before planting. 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 as a broadcast spray or band application 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. If weeds are present at the time of application, EPIC may be tank-mixed with crop oil or another surfactant, or with a nonselective herbicide such as a glyphosate-containing product, Touchdown or Gramoxone Extra. Observe directions for use, precautions and restrictions on the label of the nonselective herbicide. 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.

WEEDS CONTROLLED

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

EPIC

WEED CONTROL LISTING				
ANNUAL GRASS WEEDS		ANNUAL BROADLEAF WEEDS		
Barnyardgrass	Foxtail, yellow	Amaranth, Palmer	Mallow, Venice	Pusley, Florida
Crabgrass, large	Goosegrass	Beggarweed, Florida	Marestail	Radish, wild
Crabgrass, smooth	Johnsongrass, seedling	Buffalo bur	Morningglory, annual**	Ragweed, giant*
Cupgrass, woolly*	Lovegrass, India	Carpetweed	Mustard, wild	Ragweed, common
Cupgrass, southwestern	Millet, wild proso*	Chamomile spp.	Nightshade, black	Shepherdspurse
Foxtail, bristly	Panicum, fall	Chickweed, common	Nightshade, eastern black	Smartweed, Penn.**
Foxtail, giant	Panicum, browntop	Dandelion, seedling	Pennycress, field	Spurge, spotted
Foxtail, green	Sandbur, field*	Galinsoga	Pigweed, redroot	Sunflower, wild**
Foxtail, robust white	Signalgrass, broadleaf	Jimsonweed	Pigweed, prostrate	Velvetleaf
Foxtail, robust purple	Witchgrass	Kochia	Pigweed, smooth	Waterhemp, tall*
		Lambquarters, common	Purslane, common	Waterhemp, common*

* These weeds may require an appropriate postemergence herbicide application for control of late season escapes.
 ** These weeds are partially controlled (suppressed).

Additionally, EPIC at recommended use rates will provide partial control or reduced competition of yellow nutsedge. Texas panicum, shattercane, morningglory sp. and cocklebur. Reduced competition weeds will be stunted in

growth and/or be of reduced populations as compared to non-treated areas, but control will generally not be commercially acceptable.

USE RATES

EPIC may be applied alone or in tankmixture 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.

EPIC USE RATES ¹		
APPLICATION TIMING	OUNCES 58 DF PER ACRE	
	COARSE TEXTURED SOIL	MEDIUM/FINE TEXTURED SOIL
	Conventional tillage / Conservation tillage / No-till	Conventional tillage / Conservation tillage / No-till
Preemergence	8 to 10 oz	11 to 15 oz
Preplant surface or incorporated 0 to 7 days before planting		
Preplant surface or incorporated 7 to 14 days before planting	10 to 14 oz	15 to 20 oz

¹ Use the higher rate of EPIC within the applicable rate range under any of the following conditions: heavy surface plant residues, heavy weed pressure, or when applying no-till.

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*
Barvel®	Labeled Use Rates
Clarity®	Labeled Use Rates
Glyphosate	Labeled Use Rates
Gramoxone Extra	Labeled Use Rates
Home®	Labeled Use Rates
Liberty®	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, no-till crop management systems.

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SEQUENTIAL APPLICATIONS

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

2,4-D	Basis®	Buctril®	Laddok S-12®	Python®	Spirit®
Accent Gold®	Battalion®	Clarity	Liberty	Resolve®	Touchdown
Accent®	Beacon®	Contour®	Lightning®	Resource®	Tough®
Aim®	Bladex®	Exceed®	Manisman	Roundup Ultra	
Atrazine	Bromoxynil + Atrazine	Extrazine®	Pennit®	Roundup	
Banvel	Bromoxynil	Glyphosate	Poast®	Scorpion III®	
Basagran®	Buctril Gel®	Gramoxone Extra	Proat®	Sencor®	
Basis Gold®	Buctril+Atrazine®	Hornet	Pursuit®	Shotgun®	

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

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.						
6 MONTHS			12 MONTHS			
Cabbage	Lettuce	Radishes	Alfalfa	Fescue	Rice	Teosinte
Carrots	Peppers	Soybeans	Barley	Millet, pearl	Rye	Tritical
Cotton	Potatoes	Sugar beets	Bluegrass	Millet, proso	Sorghum	Wheat
			Bromegrass	Oats	Bermudagrass	Wild-Rice
			Buckwheat	Popcorn		
All other leafy vegetables			All other crops			

Waiting periods after EPIC herbicide application before the following crops can be planted.								
IMMEDIATELY	6 MONTHS			12 MONTHS				
Corn	Cabbage	Lettuce	Radish	Alfalfa	Bromegrass	Millet pearl	Rice	Tritical
	Carrots	Peppers	Soybeans	Barley	Buckwheat	Millet proso	Rye	Wheat
	Cotton	Potato	Sugar Beets	Bermudagrass	Clover	Oats	Sorghum	Wild Rice
	All other leafy vegetables			Bluegrass	Fescue	Popcorn	Teosinte	

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 above 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

SPRAYABLE FLUID FERTILIZER 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 water 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 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. Observe the mixture for signs of separation, flakes, gels, precipitates, etc. 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 mixture is still incompatible, the liquid fertilizer and herbicides should not be mixed together for use in the same spray tank.

APPENDIX II

IMPREGNATION AND APPLICATION ON DRY FERTILIZER

Dry bulk fertilizer may be impregnated or coated with EPIC for applications to corn. Follow all EPIC label recommendations, special instructions and precautions. All state regulations relating to dry bulk fertilizer blending, impregnating and labeling must also be followed.

Rates: Select the recommended EPIC use rate per acre from the crop section of this label and determine the quantity of dry bulk fertilizer to be applied per acre (use a minimum of 200 pounds and a maximum of 450 pounds per acre). Use the equation below to determine the amount of EPIC needed per ton of fertilizer applied.

$$\frac{\text{Oz EPIC DF per acre} \times 2000}{\text{Lb fertilizer per acre}} = \frac{\text{Oz EPIC}}{\text{Per ton fertilizer}}$$

Impregnation: EPIC may be impregnated on many commonly used dry fertilizers but should not be impregnated on ammonium nitrate, fertilizers containing ammonium nitrate, potassium nitrate, sodium nitrate or powder limestone.

To impregnate EPIC on bulk fertilizer, use a closed rotary-drum mixer or other commonly used dry bulk fertilizer

blender equipped with suitable spray equipment. Mix EPIC with sufficient water to form a sprayable slurry mixture. Spray nozzles must be directed to provide uniform fertilizer coverage while avoiding spray contact with mixing equipment. Nonuniform impregnation can cause crop injury or unsatisfactory performance.

Spray the herbicide mixture onto the fertilizer after blending has started. If necessary, include a suitable drying agent to ensure a spreadable herbicide impregnated fertilizer. If the fertilizer materials are excessively dusty, use diesel fuel or other suitable additive to reduce dust prior to impregnation. Apply the treated fertilizer to the field within a 24-hour period after impregnation.

Application: Accurate calibration of fertilizer application equipment and uniform fertilizer distribution is essential for satisfactory weed control. Air flow or auger metered application equipment is preferred (one pass application). If other equipment is used, the recommended application method is to apply one-half the recommended rate and overlap 50 percent or to double apply by splitting the middles to obtain the best distribution pattern.

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