

PM 55 10182-223

10410

**ACCEPTED**  
 AUG 23 1991

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 10182-223



# **Eradicane® 6.7-E**

## **SELECTIVE HERBICIDE**

<b>Active ingredient:</b>	
S-ethyl dipropylthiocarbamate .....	82.6%
Inert ingredients .....	17.4%
(Contains 6.7 lbs active ingredient per gallon)	100.0%

**Preplant Incorporated Herbicide for Weed Control (including foxtails, seedling johnsongrass, nutsedge, bermudagrass, and suppression of woolly cupgrass in wild proso millet) in Field, Sweet, Pop, and Silage Corn**

**Keep Out  
 Of Reach  
 Of Children**

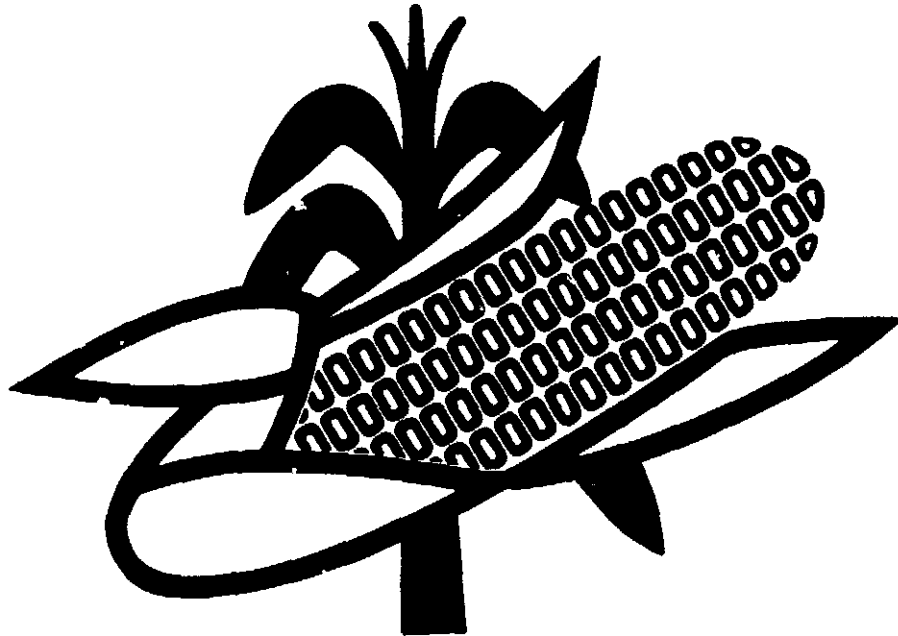
**CAUTION**

**Harmful if  
 Swallowed**

See next panel for additional precautionary statements and statement of practical treatment.

EPA Reg. No. 10182-223  
 EPA Est. 10182-AR-001  
 EPA Est. 10182-NB-001

Superscript corresponds to first letter of lot number



2.5 Gal. Net 9.45L



# **Eradicane<sup>®</sup>**

## **6.7-E**

**Selective Herbicide**

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### **STATEMENT OF PRACTICAL TREATMENT**

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#### **FIRST AID**

Immediately start the procedures below. If further treatment is required, contact a Poison Center, a physician, or the nearest hospital.

**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 IN EYES:** Immediately flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Get medical attention immediately.

**IF ON SKIN:** Flush all affected areas with plenty of water for several minutes. Remove and clean contaminated clothing and shoes. Seek medical attention if irritation occurs.

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

**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE CALL 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**

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### **PRECAUTIONARY STATEMENTS**

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#### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

## **CAUTION**

**HARMFUL IF SWALLOWED.** Avoid contact with skin, eyes and clothing. Avoid inhalation of spray mist. Wear rubber gloves and fresh clothing. Wear goggles to avoid contact with eyes. Wash with soap and water immediately after use or contact. Do not contaminate food or feed.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. When applied through the sprinkler method of application, the area being treated must be vacated by unprotected workers.

#### **ENVIRONMENTAL HAZARDS**

Do not apply directly to water, swamps, bogs, marshes, and potholes. Do not contaminate water when disposing of equipment washwater or rinsate.

#### **PHYSICAL AND CHEMICAL HAZARDS**

Combustible liquid. Keep away from heat and flame.

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# Eradicane® 6.7-E

Selective Herbicide

## STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Keep away from heat and flame.

**STORAGE:** Keep container tightly closed when not in use. Do not store near seeds, fertilizers or foodstuffs. Can be stored at temperatures as low as minus 50°F.

**PESTICIDE DISPOSAL:** Waste 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.

## 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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## Agricultural Products

ICI Americas Inc.  
Wilmington, Delaware 19897

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Agricultural Products

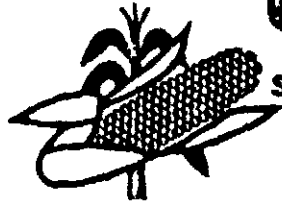


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**Eradicane<sup>®</sup> 6.7-E**



**SELECTIVE HERBICIDE**

**Preplant Incorporated Herbicide for Weed Control (including foxtails, seedling johnsongrass, nutsedge, bermudagrass, and suppression of woolly cupgrass in wild proso millet) in Field, Sweet, Pop, and Silage Corn**

Complete Directions For Use, Use Precautions and Recommendations

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**STORAGE AND DISPOSAL**

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**STORAGE:** Keep container tightly closed when not in use. Do not store near seed, fertilizers, or foodstuffs. Can be stored at temperatures as low as minus 50°F.

**PESTICIDE DISPOSAL:** Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:**

**METAL:** 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:** Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**FOR BULK/MIINI-BULK CONTAINERS**

**CONTAINER DISPOSAL:** Reseal container and offer for reconditioning, or triple rinse (or equivalent) and offer for recycling or reconditioning, or clean in accordance with manufacturer's instructions.

**CONTAINER PRECAUTIONS**

Before refilling, inspect thoroughly for damage, such as cracks, punctures, bulges, dents, abrasions and damaged or worn threads on closure devices.

**REFILL ONLY WITH ERADICANE 6.7-E.** The contents of this container cannot be completely removed by cleaning. Refilling with materials other than ERADICANE 6.7-E 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!**

**Preplant Incorporated Herbicide for Weed Control (including foxtails, seedling johnsongrass, nutsedge, bermudagrass, and suppression of woolly cupgrass in wild proso millet) in Field, Sweet, Pop, and Silage Corn**

**ACTIVE INGREDIENT:**  
S-ethyl dipropylthiocarbamate ..... 82.6%  
**INERT INGREDIENTS** ..... 17.4%  
100.0%

Contains 6.7 lbs. Active Ingredient Per Gallon  
EPA Reg. No. 10182-223

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**HARMFUL IF SWALLOWED**

**STATEMENT OF PRACTICAL TREATMENT**

**FIRST AID**  
Immediately start the procedures below, if further treatment is required contact a Poison Center, a physician, or the nearest hospital.

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**IF ON SKIN:** Flush all affected areas with plenty of water for several minutes. Remove and clean contaminated clothing and shoes. Seek medical attention if irritation occurs.

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

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Do not apply this product in such a manner as to directly or through drift expose workers or other persons. When applied through the sprinkler method of application, the area being treated must be vacated by unprotected workers.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, swamps, bogs, marshes, and potholes. Do not contaminate water when disposing of equipment washwater or residue.

**PHYSICAL AND CHEMICAL HAZARDS**

Combustible liquid. Keep away from heat and flame.

**GENERAL INFORMATION**

ERADICANE<sup>®</sup> 6.7-E herbicide is a selective and applied herbicide which must be mixed or incorporated into the soil for control of weeds listed on this label. ERADICANE 6.7-E herbicide controls weeds by interfering with normal germination and seedling development. ERADICANE 6.7-E herbicide will not control established or germinating weeds present at application.

**GENERAL USE PRECAUTIONS**

- Read all label directions before using
- ERADICANE 6.7-E can be stored at temperatures as low as minus 50°F.
- ERADICANE 6.7-E should be used for recommended purposes and at recommended rates. Do not overdose.

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- ERADICANE 6.7-E is recommended for use only on mineral soils (those soils containing less than 10% organic matter).
- Do not use ERADICANE 6.7-E on corn seed stock such as Breeders, Foundation or Increase.
- ERADICANE 6.7-E may be used on production seed corn.
- Do not use ERADICANE 6.7-E on sorghum or milo.
- Do not allow ERADICANE 6.7-E to contaminate water to be used on susceptible crops and ornamentals, or for domestic purposes.
- Do not allow ERADICANE 6.7-E to contaminate feed or food.
- ERADICANE 6.7-E should not be stored near seeds or fertilizers.
- All containers of ERADICANE 6.7-E should be kept tightly closed when not in use.
- ERADICANE 6.7-E will not harm the treated crop nor leave harmful soil residues post harvest when applied properly and environmental conditions exist for normal plant growth during the season.
- Adverse conditions such as unusually cold and wet or hot and dry weather during germination and early growth; insect, nematode or plant disease attack; carryover soil residues of persistent herbicides or use of certain soil applied systemic insecticides can create abnormal conditions that weaken crop seedlings. ERADICANE 6.7-E used under these conditions could result in crop injury.
- Continuous use of ERADICANE 6.7-E in the same fields consecutively year after year can in some areas lead to a decrease in the level of performance. As a precaution, ERADICANE 6.7-E treated fields should be rotated with another crop or herbicide classification on an annual program.

before it is half filled so that addition of the remaining water or fluid fertilizer carrier can aid in the thorough agitation and mixing of the spray solution.

If a tank mixture is used:

- See specific directions on pages 18-19 for order of mixing and agitation.

**VOLUME:**

- Apply in 10 to 50 gallons of water or fluid fertilizers per acre using a properly calibrated sprayer having good agitation.

**PRESSURE:**

Use 20 to 40 psi to ensure good distribution in the spray pattern.

**SOIL MOISTURE AND TILTH:**

- Improper incorporation or poor till with such as large clods may result in erratic or unsatisfactory weed control.
- The soil should be dry enough to permit good soil mixing or incorporation.
- Any application of ERADICANE 6.7-E that is not immediately incorporated in the same operation must be made to a soil surface dry to at least 1/2 inch deep and free from dew and incidental moisture.

**INCORPORATION TIMING:**

- Application and incorporation should be done in the same operation when possible.
- Applications in water or fluid fertilizers must not have more than a 4 hour delay between application and incorporation.
- When application and incorporation are separate operations in the semi-arid areas of eastern Washington, eastern Oregon and Idaho, ERADICANE 6.7-E must be incorporated the same day as applied. See moisture statement above.

- Set the field cultivator to cut 4 to 6 inches deep.
- Operate at 5 MPH or more.
- Follow by a harrow or leveling device.
- Chisel plows or point should not be used.
- Two passes in different directions will improve incorporation.
- If deep germinating weeds are present use a tandem disc for the first pass. Weeds which fall into this category are: seedling johnsongrass, quackgrass and nutsedge.

Subsurface Injection (for annual grasses, broadleaves and nutsedge)

- Southeastern U.S. on coarse textured soils only.
- Light infestations only.
- Adjust dosage proportionately depending on row spacing and width to be treated.

Center Pivot Sprinkler (for annual grasses and broadleaves only)

- ERADICANE 6.7-E can be applied and incorporated before or immediately after planting before corn or weeds have emerged at the rates recommended for the specific weed.
- Application and incorporation should be done after last tillage operation and before weeds germinate.
- Meter the herbicide during entire irrigation period.
- Apply in 1/2 to 3/4 inches of water. Excess water can result in the movement of ERADICANE 6.7-E from weed germination area and result in poor control.
- Apply only through center pivot sprinkler irrigation systems. Do not apply through any other type of system.

**DIRECTIONS FOR USE**

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

**APPLICATION DIRECTIONS**

**CARRIERS:**

Liquids—Either water or fluid fertilizers such as solutions, slurries or suspensions may be used as liquid carriers. If fluid fertilizers are used, a physical compatibility test with these must be done before combining in the spray tank. See Appendix I for details of the compatibility testing procedure. Even if ERADICANE 6.7-E is physically compatible with a fluid fertilizer, constant agitation is necessary to maintain a uniform mixture during application.

Dry bulk fertilizer—ERADICANE 6.7-E may be impregnated on dry bulk fertilizer and applied as the fertilizer is spread.

- Bulk fertilizer impregnated with ERADICANE 6.7-E should be applied immediately, not stored.
- It is recommended that all bulk containers be tightly covered while the product is being transported and applied to reduce probability of ERADICANE 6.7-E loss via volatilization.
- When application and incorporation are done in separate operations, impregnated fertilizer must be incorporated on the same day as applied.
- When separate operations delay incorporation, applications must be made on a soil surface dry to 1/2 inch deep and free from dew and incidental moisture.
- See APPENDIX II and consult your local dealer for details including what fertilizers are compatible.

**ADDING TO SPRAY TANK:**

If ERADICANE 6.7-E is used alone:

- Add the recommended amount to a clean (thoroughly rinsed and decontaminated) spray tank

- ERADICANE 6.7-E impregnated on dry bulk fertilizer must be incorporated on the same day as application. See moisture statement on page 6.

**INCORPORATION EQUIPMENT AND METHODS:**

- ERADICANE 6.7-E must be incorporated into the soil to prevent loss of the herbicide. Thorough mixing is necessary.

**Power driven cultivation equipment**

- Soil should have previous primary tillage.
- Ground speed must be adjusted with PTO driven cultivation tools to insure thorough incorporation.
- Set horizontal action line equipment to cut 4 to 6 inches deep.
- Set vertical action line equipment to cut 3 to 4 inches deep.

**Tandem disc**

- Can be used on all soil types.
- Set disc to cut 4 to 6 inches deep.
- Operate disc at 4 to 6 MPH.
- Follow disc by a harrow or leveling device slightly wider than the disc.
- Two passes in different directions will improve incorporation.
- On the second pass the disc should be operated no deeper than on the first pass.

- If deep germinating weeds are present, a second incorporation will improve control or suppression. Weeds which fall into this category are: seedling johnsongrass, quackgrass, and nutsedge.

**Field cultivator**

- Use on light soils in good till.
- Equip with 3 to 4 rows of sweeps spaced at 7 inches or less and staggered from row to row to leave no soil unturned or undisturbed.

- In the semi-arid areas of eastern Washington, eastern Oregon and Idaho, ERADICANE 6.7-E may be surface applied immediately after planting. — See soil moisture statement on page 6. — The ERADICANE 6.7-E can then be incorporated using 1/2 to 3/4 inch of water within 36 hours following application. — The application and incorporation must be done within 5 days after the last tillage operation since poor results will occur if weeds have germinated.

- Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
- Questions about calibration should be directed to your State Extension Service specialist, equipment manufacturers or other experts.

- Do not connect an irrigation system, including greenhouse systems, used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.

- A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person shall shut the system down and make necessary adjustments should the need arise.

**USE PRECAUTIONS:**

- The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

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**ERADICANE 6.7-E**  
Broadcast Rate Pints Per Acre

Table 3.

Perennial weeds must be turned under and chopped up thoroughly prior to treatment. The rhizomes of quackgrass and the rhizomes and stolons of bermudagrass must be cut up thoroughly into small pieces so that 4 or less nodes remain on a strand.

TOUGH ANNUAL WEEDS AND PERENNIAL WEEDS	SCIENTIFIC NAME	EASTERN and WESTERN U.S. CENTRAL U.S. <sup>1</sup>	WESTERN U.S. CALIFORNIA <sup>2</sup> (ex CA) <sup>3</sup>	COMMENTS AND RESTRICTIONS	
Bermudagrass	<i>Cynodon dactylon</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75	Using a program of plowing and disking followed by ERADICANE 6.7-E will give good control of seedlings and stolons.
Cyperus, woolly <sup>1</sup>	<i>Eriochloa villosa</i>	4.75 to 7.33	4.75 to 7.33	4.75 to 7.33	Suppression only. Control can be improved with a tankmix or sequential preemergence or post-emergence herbicide treatment.
Johnsongrass (seedling)	<i>Sorghum halepense</i>	4.75 to 7.33	4.75 to 7.33	3.75 to 4.75	Cultivate fields with moderate to heavy infestations 1 to two times following ERADICANE 6.7-E application.

Consult Table 2 for general comments, states and other restrictions for each region listed.  
<sup>1</sup>Cultivation is suggested in addition to ERADICANE 6.7-E treatment in fields with moderate to heavy infestations of seedling johnsongrass, field sandbur, woolly cyperus, and wild proso millet.  
<sup>2</sup>Central U.S. only—Partial control or suppression.

(continued on page 15)

**ERADICANE 6.7-E**  
Broadcast Rate Pints Per Acre

Table 3.

TOUGH ANNUAL WEEDS AND PERENNIAL WEEDS	SCIENTIFIC NAME	EASTERN and WESTERN U.S. CENTRAL U.S. <sup>1</sup>	WESTERN U.S. CALIFORNIA <sup>2</sup> (ex CA) <sup>3</sup>	COMMENTS AND RESTRICTIONS	
Millet, wild proso <sup>1,2</sup>	<i>Panicum polycosmum</i>	4.75 to 7.33	4.75 to 7.33	4.75 to 7.33	
Oats, wild	<i>Avena fatua</i>	3.75	3.75 to 7.33	3.75 to 4.75	
Sandbur, field <sup>1</sup>	<i>Cenchrus pauciflorus</i>	4.75 to 7.33	4.75 to 7.33	4.75 to 7.33	
Nutsedge, purple	<i>Cyperus rotundus</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 7.33	
Nutsedge, yellow	<i>Cyperus esculentus</i>				
Quackgrass	<i>Agropyron repens</i>	7.33	7.13	7.33	

Consult Table 2 for general comments, states and other restrictions for each region listed.  
<sup>1</sup>Cultivation is suggested in addition to ERADICANE 6.7-E treatment in fields with moderate to heavy infestations of wild proso millet.  
<sup>2</sup>Central U.S. only—Partial control or suppression.

Weeds Controlled and Use Rates: Consult Tables 2 and 3 below.

**NOTE COMMENTS AND RESTRICTIONS IN TABLES 2 AND 3.**  
**Table 2. Broadcast Rate (Pints) of ERADICANE 6.7-E Per Acre**

The annual broadleaf weeds listed below will be controlled only if treatment is made when conditions are favorable for weed seed germination and growth. Under prolonged conditions of very cold soil, control of the listed broadleaf weeds may not be adequate.

ANNUAL GRASS AND BROADLEAF WEEDS	SCIENTIFIC NAME	EASTERN and WESTERN U.S. CENTRAL U.S.	WESTERN U.S. CALIFORNIA (ex CA)	COMMENTS AND RESTRICTIONS	
Bermudagrass (Watergrass)	<i>Echinochloa</i> spp.	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75	<b>GENERAL</b> • Use the lower rate for light infestations and in sand and light (coarse textured) soils. • Use ERADICANE 6.7-E on sweet corn at the 7.33 pint rate only in the states of Oregon, Washington, Idaho, Utah (Western Region), Minnesota and Wisconsin (Central Region). <b>REGIONAL</b> USE ONLY THE RECOMMENDATIONS FOR YOUR REGION: EASTERN and CENTRAL U.S. <sup>1</sup> Alabama, Arkansas, Colorado, Connecticut, Delaware, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Mississippi, Montana, Nebraska, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Vermont, Virginia, West Virginia, Wisconsin, and Wyoming.)
Barnyardgrass	<i>Echinochloa</i> spp.	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75	
Barnyardgrass, annual	<i>Poa annua</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75	
Carpet weed	<i>Mollis verticillata</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75	
Crabgrass, common	<i>Digitaria sp.</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75	
Crabgrass	<i>Digitaria</i> spp.	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75	
Fadeneck	<i>Amaranthus</i> spp.	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75	
Field pennycress	<i>Sisymbrium</i> spp.	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75	
Field pennycress, green	<i>Sisymbrium</i> spp.	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75	
Field pennycress, yellow	<i>Sisymbrium</i> spp.	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75	
Goosefoot, northern	<i>Chenopodium murale</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75	
Goosefoot	<i>Chenopodium</i> spp.	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75	
Hemp (Deadnettle)	<i>Lanatum angustifolium</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75	
Lambquarters, common	<i>Chenopodium album</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75	
Morning glory, tall	<i>Ipomoea purpurea</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75	
Nightshade, black	<i>Solanum nigrum</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75	
Nightshade, hairy	<i>Solanum torreyana</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75	
Panicum, fall	<i>Panicum dichotomiflorum</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75	

(continued on page 13)

**ERADICANE 6.7-E Broadcast Rate Pints Per Acre**

Table 2.

ANNUAL GRASS AND BROADLEAF WEEDS	SCIENTIFIC NAME	EASTERN and WESTERN U.S. CENTRAL U.S.	WESTERN U.S. CALIFORNIA (ex CA)	COMMENTS AND RESTRICTIONS
Panicum, Texas <sup>1</sup>	<i>Panicum texanum</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75
Pigweed, redroot (Common)	<i>Amaranthus retrofractus</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75
Pigweed, prostrate	<i>Amaranthus blattoides</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75
Pigweed, tumble	<i>Amaranthus albus</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75
Puncturevine <sup>2</sup>	<i>Tribulus terrestris</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75
Purslane, common	<i>Portulaca oleracea</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75
Pursley, Florida	<i>Richardia scabra</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75
Ragwortgrass	<i>Richardia scabra</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75
Rice, red	<i>Oryza sativa</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75
Ryegrass, annual (Kauai)	<i>Lolium multiflorum</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75
Shepherdspurse	<i>Capsella bursa-pastoris</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75
Sicklepod	<i>Cassia obtusifolia</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75
Sida, prickly (Tea-weed)	<i>Sida spinosa</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75
Sisymbrium	<i>Sisymbrium</i> spp.	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75
Spurry, corn	<i>Eragrostis arvensis</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75
Stinkgrass	<i>Eragrostis canadensis</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75
Volunteer barley	<i>Hordeum vulgare</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75
Volunteer oats	<i>Avena sativa</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75
Volunteer wheat	<i>Triticum aestivum</i>	4.75 to 7.33	3.75 to 7.33	3.75 to 4.75

<sup>1</sup>Cultivation is suggested in addition to ERADICANE 6.7-E treatment in fields with moderate to heavy infestations.  
<sup>2</sup>Southeastern U.S. only.  
<sup>3</sup>Western U.S. only.

- The pesticide injection pipeline must also contain a functional, normally closed, solenoid operated valve located on the inside side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- The system must use a metering pump, such as a positive displacement injection pump effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Application of more than label recommended volumes of irrigation water per acre may result in decreased product performance by removing the chemical from the zone of effectiveness.
- Apply during low or no wind conditions to avoid drift.
- Insure system connection or fittings do not leak and nozzles provide uniform distribution.
- Lines containing the product must not be dismantled and drained.
- Greater accuracy in calibration and distribution is achieved by injecting a larger volume of a more dilute slurry per hour.

Table 1.

ERADICANE 6.7-E at the rate of 4 1/4 (4.75) pints/acre is to be applied to 110 acres, 110 acres x 4.75 pints = 522.5 pints

- 522.5 pints divided by 8 pints/gallon = 65.3 gallons of ERADICANE 6.7-E that must be added to mixing tank.
  - If mixing tank size is 750 gallons and if the sprinkler takes 30 hours to apply 1/2 inch of water, the injection rate is 750 gallons divided by 30 gallons/hour equals 25 gallons/hour or 0.4 gallons/minute.
  - For the example only, the operator should calibrate the injection pump to deliver the herbicide mix into the system at 25 gals/hr or 0.4 gals/min.
- PLANTING:**
- Planting should occur as soon as possible after application and always within 2 weeks after treatment.
  - Plant seed to a maximum depth of 2 inches.
  - Avoid moving or shaping soil after incorporation since this can remove ERADICANE 6.7-E from the row and result in a loss of weed control.
- CULTIVATION:**
- Should weeds develop, a shallow cultivation or relay hoeing will generally result in better weed control.
  - A shallow cultivation is less than 1/2 the depth of incorporation.

atrazine and Bladex may be tank mixed and applied preplant incorporated with recommended use rates of ERADICANE 6.7-E.

- Do not apply atrazine, Bladex or Princep/Caliber through any irrigation system.
- Atrazine and Bladex combinations may be impregnated on dry bulk fertilizer. See APPENDIX II and consult your local dealer for details including what fertilizers are compatible.
- As an alternative, atrazine at recommended rates may be applied preemergence to the soil surface following a preplant incorporated treatment of ERADICANE 6.7-E at recommended rates.
- If a preemergence application of atrazine is used, consult the directions on the atrazine label.
- A preemergence application of atrazine may require a rotary hoeing or shallow cultivation if rainfall or sprinkler irrigation has not occurred within 10 days of the surface application.

- With the combination of atrazine and Bladex, the potential hazard of atrazine residues affecting certain crops the following year is reduced because a lower rate of atrazine can be used.

**General Use Precautions For Atrazine, Bladex and Princep/Caliber:**

- Follow all use directions, precautions and warnings that appear on the atrazine, Bladex, and Princep/Caliber labels and supplemental literature.
- Make only one application per crop.
- Bladex is not recommended for use on sandy soils consisting of more than 70% sand and containing less than 1% organic matter. Consult the Bladex label for more specific recommended rates on sandy soils.
- After a treatment including atrazine or Princep/Caliber, do not plant any crop except corn until the following year or injury may occur.
- Do not plant alfalfa where more than 1.2 pounds of actual atrazine was used the previous year (1 1/2 pounds 80W or 2.4 pints of 4L).
- When Princep/Caliber is used in a tankmix, the soil should be thoroughly tilled after harvest. This fall or spring tillage will help to minimize possible injury to spring seeded rotational crops regardless of the rate of Princep/Caliber used.
- Do not apply any tankmixes with Princep/Caliber in the High Plains and Intermountain areas of the West where rainfall is sparse and erratic or where irrigation is required. Included in this are central and western Kansas, western Nebraska, western Oklahoma, and the panhandle of Texas.
- Injury may occur to soybeans planted in north-central and northwest Iowa, and southcentral and southwest Minnesota, northeast Nebraska, southeast South Dakota and other areas in the year following applications of Princep/Caliber on soils having a calcareous surface layer.

fertilizer impregnation. Follow all directions and precautions listed under ERADICANE 6.7-E applied alone on impregnated dry bulk fertilizer (See page 5).

**ADDING TO SPRAY TANK:**

- It is recommended that the compatibility of any tankmix combination be tested on a small scale, such as a jar test, before actual tank mixing. See Appendix I for details on the procedure for such a test.
- Fill a thoroughly rinsed and decontaminated spray tank 2/3 full of clean water.
- Start and continue moderate agitation throughout mixing. Excessive agitation may cause the Bladex, atrazine or Princep/Caliber to settle out and set up in the spray tank.
- All return lines to the spray tank must discharge below liquid level.
- Mix and disperse wettable powders first, followed by flowable products and then ERADICANE 6.7-E.

- For some combinations, premixing wettable powders in a little water in a pail or bucket before adding them to the spray tank will improve the compatibility of the final mixture.
- Premix the Bladex, atrazine or Princep/Caliber individually in proper order listed above making sure they are thoroughly wetted and dispersed in the tank before adding the ERADICANE 6.7-E.
- Add the ERADICANE 6.7-E to the tank that is 2/3 full of water already mixed with the approved tankmix products and continue filling tank.
- The tankmix combinations should not be left in the spray tank for prolonged periods. Batches should be mixed and applied the same day.

**VOLUME:**

- Apply all tankmixes in 20 to 50 gallons of liquid per acre.

**PRESSURE:**

- Use 20 to 40 psi to ensure good distribution in the spray pattern.

**SOIL MOISTURE AND TILT:**

- Same as for ERADICANE 6.7-E alone (See page 6).

**INCORPORATION TIMING:**

- Same as for ERADICANE 6.7-E alone (See page 6).

**INCORPORATION EQUIPMENT AND METHODS:**

- Same as for ERADICANE 6.7-E alone except for center pivot sprinkler irrigation and sub-surface injection.
- Read and follow all directions and precautions listed on pages 8 and 9 for center pivot sprinkler irrigation systems.
- Do not apply atrazine, Bladex or Princep/Caliber through a center pivot sprinkler irrigation system.

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**Weeds controlled and use rates**

**Table 5. TANKMIXES WITH ATRAZINE AND/OR GLADY ERADICANE 6.7-E plus atrazine and ERADICANE 6.7-E plus Bladex tankmixes will control the additional weeds listed below and under unfavorable conditions, improve the control of broader leaf weeds listed in Table 2**

ADDITIONAL WEEDS CONTROLLED WITH TANKMIX COMBINATIONS	SCIENTIFIC NAME	USE ONE OR THE OTHER IN A TANKMIX TANKMIX WITH ERADICANE 6.7-E		USE A COMBINATION OF BOTH IN A TANKMIX TANKMIX WITH ERADICANE 6.7-E	
		ATRAZINE	GLADY	ATRAZINE	GLADY
Cockspur corn	Ambrosium	1-2 qt. of Atrazine 80W or 2-4 pints of Gladex 4L	2-4 qt. of Atrazine 80W or 4 pints of Gladex 4L	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L
Large weed	Perennial ryegrass	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L	2-4 qt. of Atrazine 80W or 4 pints of Gladex 4L	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L
Small weed	Common ragweed	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L	2-4 qt. of Atrazine 80W or 4 pints of Gladex 4L	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L
Medium weed	Common ragweed	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L	2-4 qt. of Atrazine 80W or 4 pints of Gladex 4L	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L
Large weed	Common ragweed	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L	2-4 qt. of Atrazine 80W or 4 pints of Gladex 4L	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L
Small weed	Common ragweed	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L	2-4 qt. of Atrazine 80W or 4 pints of Gladex 4L	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L
Large weed	Common ragweed	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L	2-4 qt. of Atrazine 80W or 4 pints of Gladex 4L	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L
Small weed	Common ragweed	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L	2-4 qt. of Atrazine 80W or 4 pints of Gladex 4L	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L	1-2 qt. of Atrazine 80W or 2 pints of Gladex 4L

Use recommended ERADICANE 6.7-E rate from Table 2 or 3. Atrazine and Gladex rates are 1.75 lb or 2.10 qt. per acre. Controlled by ERADICANE 6.7-E and atrazine tankmix only.

**APPENDIX H**

**IMPREGNATION ON DRY BULK FERTILIZERS**

- Consult your local dealer for more details.
- ERADICANE 6.7-E alone and tankmix combinations with atrazine and/or Bladex may be impregnated on dry bulk fertilizer.
- **CAUTION:** ERADICANE 6.7-E alone and in combination tankmixes must not be impregnated on ammonium nitrate, potassium nitrate or sodium nitrate fertilizers. Such mixtures may cause explosion and fire.
- All individual state regulations relating to dry bulk fertilizer blending, registration, labeling and application are the responsibility of the individual and/or company selling the herbicide and fertilizer mixtures.

**APPROVED DRY BULK FERTILIZER INGREDIENTS FOR USE WITH ERADICANE 6.7-E ALONE**

Table 6.

Fertilizer Ingredient	N	P	K
Ammonium sulfate	21	0	0
Diammonium phosphate	18	46	0
Potassium chloride	0	0	60
Potassium sulfate	0	0	52
Single Super-phosphate	0	20	0
Treble Super-phosphate	0	46	0
Urea*	45	0	0
Ammonium phosphate-sulfate	16	20	0
K-Mag/Sul-Po-Mag	0	0	21
Monoammonium phosphate	11	46	0

\*Some ureas may be phytotoxic when high rates are applied to corn. Use only urea rates known to be safe for corn application.

**APPROVED DRY BULK FERTILIZER INGREDIENTS FOR USE WITH ERADICANE 6.7-E IN TANKMIX COMBINATIONS WITH ATRAZINE AND/OR BLADEX**

Table 8.

Fertilizer Ingredient	N	P	K
Ammonium sulfate	21	0	0
Diammonium phosphate	18	46	0
Potassium chloride	0	0	60
Potassium sulfate	0	0	52
Urea*	45	0	0
Ammonium phosphate-sulfate	16	20	0
K-Mag/Sul-Po-Mag	0	0	21
Monoammonium phosphate	11	46	0

\*Some ureas may be phytotoxic when high rates are applied to corn. Use only urea rates known to be safe for corn application.

- Do not combine ERADICANE 6.7-E plus atrazine 4L or 80W or BLADEX 4L or 80W with 0-20-0 or 0-46-0.
- Uniform impregnation of the herbicides on dry bulk fertilizer particles and uniform application in the field are necessary to assure good results.
- A minimum of 200 and a maximum of 1000 pounds of approved impregnated ingredients from Tables 8 and 9 must be applied per acre.
- Use a closed rotary drum mixer or similar type of closed blender equipped with suitable spray equipment.

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- Close both jars with lid or stopper and mix the contents by turning the jars upside down ten times.
- Inspect the surface and body of the mixtures:
  - Immediately after completing the jar inversions.
  - After allowing the jars to stand quietly for 30 minutes.
  - And then again after turning the jars upside down 10 times after the 30 minute wait.

**EVALUATION:**

- If a uniform mixture cannot be made, the mixture should not be used.
- If either mixture remains uniform for 30 minutes, the combination may be used.
- Should either mixture separate after 30 minutes, but readily remixes uniformly with ten jar inversions, the mixture can be used if adequate agitation is maintained in the tank.
- If the mixture with adjuvant is satisfactory, but the one without adjuvant is not, be sure to use the adjuvant in the spray tank.
- If adjuvant is needed, add it first at a rate of 3 pints per 100 gallons of fluid fertilizer or water.
- Foaming can be minimized by using moderate agitation.
- If nondispersible oil, sludge or clumps of solids form in the mixture, the combination should not be used.

Table 1.

An ERADICANE 6.7-E plus Princep/Caliber tankmix will control the additional weeds listed below and under unfavorable conditions, improve the control of broadleaf weeds listed in Table 2.

ADDITIONAL WEEDS CONTROLLED WITH ERADICANE 6.7-E	SCIENTIFIC NAME	PRINCIPAL WEEDS CONTROLLED WITH ERADICANE 6.7-E	PRINCIPAL WEEDS CONTROLLED WITH ERADICANE 6.7-E PLUS PRINCEP/CALIBER TANKMIX	COMMENTS AND RESTRICTIONS
Annual ryegrass	<i>Lolium rigidum</i>	1 1/2 to 3 1/4 pounds/acre	1 1/2 to 3 1/4 pounds/acre	Use the lower rate of Princep/Caliber on coarse-textured soils. Use the higher rate on fine-textured soils and under heavy broadleaf weed pressure.
Common chickweed	<i>Stellaria media</i>	1 1/2 to 3 1/4 pounds/acre	1 1/2 to 3 1/4 pounds/acre	
Common groundsel	<i>Lactuca scariola</i>	1 1/2 to 3 1/4 pounds/acre	1 1/2 to 3 1/4 pounds/acre	
Common lambsquarters	<i>Rumex crispus</i>	1 1/2 to 3 1/4 pounds/acre	1 1/2 to 3 1/4 pounds/acre	
Common purslane	<i>Portulaca oleraceae</i>	1 1/2 to 3 1/4 pounds/acre	1 1/2 to 3 1/4 pounds/acre	

**APPENDIX I**

**PROCEDURE FOR TESTING THE COMPATIBILITY OF ERADICANE 6.7-E WITH FLUID FERTILIZERS AND TANKMIX COMBINATIONS**

The following procedure is suggested for determining whether or not ERADICANE 6.7-E may be combined with a specific fluid fertilizer or tankmix herbicide for spray tank application.

**MATERIALS REQUIRED:**

- 1 ERADICANE 6.7-E.
- 2 Fluid fertilizer and tankmix herbicides.
- 3 Adjuvant for spray tankmix combinations: Complex, Sponto 168-D\*, Unile\*, or equivalent. The adjuvant which provides the best emulsification depends on the specific fertilizer and herbicide under consideration.
- 4 Two one-quart, wide mouth glass jars with lid or stopper.
- 5 Measuring spoons. A 25 mL pipette or graduated cylinder provides more accurate measurement.
- 6 Measuring cup, 8 ounces (237 mL).

\*Complex, Kato Laboratories Inc., Kansas City, MO. Sponto 168-D, Waco Chemical Co., Houston, TX. Unile, Hopkine Agricultural Chemical Co., Madison, WI.

**PROCEDURE:**

- Pour a pint or about 473 mL of the fluid fertilizer or water into each of the quart jars.
- Add adjuvant to one of the jars and mix. Two mL or 1/8 of teaspoon of adjuvant added to 1 pint of fluid fertilizer or water will equal 3 pints of adjuvant per 100 gallons of fluid fertilizer or water.
- If a tankmix is being tested, premix the wettable powders in 1/8 cup of water prior to addition to the pint of fluid fertilizer or water.
- Add ERADICANE 6.7-E to both jars. See Table 7 for rate to use.

Table 7.

Rate Table for ERADICANE 6.7-E in Compatibility Tests

GALLONS OF FLUID FERTILIZER TO BE APPLIED PER ACRE	AMOUNT OF ADJUVANT TO ADD TO THE 1 PINT OF LIQUID		ML OR TEASPOON TO BE ADDED TO 1 PINT OF LIQUID FOR THE ERADICANE 6.7-E RATE LISTED BELOW	
	1/2 PINT	1 PINT	3.75 PINTS	4.75 PINTS
10	1/8	1/4	23.0	28.0
15	1/8	1/4	16.0	20.0
20	1/8	1/4	13.0	16.0
25	1/8	1/4	9.0	12.0
30	1/8	1/4	8.0	8.0
40	1/8	1/4	6.0	7.0
50	1/8	1/4	4.0	5.0
60	1/8	1/4	4.0	4.0
70	1/8	1/4	3.0	3.0
80	1/8	1/4	2.0	2.0
90	1/8	1/4	1.0	1.0
100	1/8	1/4	1.0	1.0

Use recommended ERADICANE 6.7-E rate from Table 1 or 2. Do not exceed 3.75 lbs. of ERADICANE 6.7-E per acre.



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**RATE CHART FOR IMPREGNATION OF DRY BULK FERTILIZER WITH ERADICANE 6.7-E AND ATRAZINE OR BLADEx PER TON OF FERTILIZER**

Table 11.

FERTILIZER RATE POUNDS PER ACRE	ERADICANE 6.7-E RATE PER ACRE			ATRAZINE RATE FOR A 3-WAY TANKMIX			
				RATE OF 4L PER ACRE		RATE OF 80W PER ACRE	
	3.75	4.75	7.50	1	2	1/4	1/4
200	18 1/4 qts	23 1/4 qts	36 1/4 qts	5 qts	10 qts	7 1/2 lbs	12 1/2 lbs
250	15 qts	19 qts	28 1/4 qts	4 qts	8 qts	6 lbs	10 lbs
300	12 1/2 qts	15 1/2 qts	24 1/4 qts	3 1/2 qts	6 1/2 qts	5 lbs	8 1/2 lbs
350	10 1/2 qts	13 1/2 qts	21 qts	2 3/4 qts	5 1/2 qts	4 1/2 lbs	7 1/2 lbs
400	9 1/2 qts	11 1/2 qts	18 1/4 qts	2 1/4 qts	5 qts	3 3/4 lbs	6 1/2 lbs
450	8 1/2 qts	10 1/2 qts	16 1/4 qts	2 qts	4 1/2 qts	3 1/2 lbs	5 1/2 lbs
500	7 1/2 qts	9 1/2 qts	14 1/4 qts	1 3/4 qts	4 qts	3 lbs	5 lbs
550	6 1/2 qts	8 1/2 qts	13 1/4 qts	1 1/2 qts	3 1/2 qts	2 1/2 lbs	4 1/2 lbs
600	6 qts	8 qts	12 1/4 qts	1 1/4 qts	3 1/4 qts	2 1/2 lbs	4 1/2 lbs
650	5 1/2 qts	7 1/2 qts	11 1/4 qts	1 1/4 qts	3 1/4 qts	2 1/2 lbs	3 1/2 lbs
700	5 qts	6 1/2 qts	10 1/4 qts	1 1/4 qts	2 3/4 qts	2 1/2 lbs	3 1/2 lbs

(continued on page 33)

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**RATE CHART FOR IMPREGNATION OF DRY BULK FERTILIZER WITH ERADICANE 6.7-E AND ATRAZINE OR BLADEx PER TON OF FERTILIZER**

Table 10.

FERTILIZER RATE POUNDS PER ACRE	ERADICANE 6.7-E RATE PER ACRE			ATRAZINE ALONE IN TANKMIX			
				RATE OF 4L PER ACRE		RATE OF 80W PER ACRE	
	3.75	4.75	7.50	2	3	1 1/4	2
200	18 1/4 qts	23 1/4 qts	36 1/4 qts	10 qts	15 qts	12 1/2 lbs	20 lbs
250	15 qts	19 qts	28 1/4 qts	8 qts	12 qts	10 lbs	16 lbs
300	12 1/2 qts	15 1/2 qts	24 1/4 qts	6 1/2 qts	10 qts	8 1/2 lbs	13 1/2 lbs
350	10 1/2 qts	13 1/2 qts	21 qts	5 1/2 qts	8 1/2 qts	7 1/2 lbs	11 1/2 lbs
400	9 1/2 qts	11 1/2 qts	18 1/4 qts	5 qts	7 1/2 qts	6 1/2 lbs	10 lbs
450	8 1/2 qts	10 1/2 qts	16 1/4 qts	4 1/2 qts	6 1/2 qts	5 1/2 lbs	8 1/2 lbs
500	7 1/2 qts	9 1/2 qts	14 1/4 qts	4 qts	6 qts	5 lbs	8 lbs
550	6 1/2 qts	8 1/2 qts	13 1/4 qts	3 1/2 qts	5 1/2 qts	4 1/2 lbs	7 1/2 lbs
600	6 qts	8 qts	12 1/4 qts	3 1/2 qts	5 qts	4 1/2 lbs	6 1/2 lbs
650	5 1/2 qts	7 1/2 qts	11 1/4 qts	3 1/2 qts	4 1/2 qts	3 1/2 lbs	6 1/2 lbs
700	5 qts	6 1/2 qts	10 1/4 qts	2 3/4 qts	4 1/2 qts	3 1/2 lbs	5 1/2 lbs

(continued on page 31)

**RATE CHART FOR IMPREGNATION OF DRY BULK FERTILIZER WITH ERADICANE 6.7-E AND ATRAZINE OR BLADEx PER TON OF FERTILIZER**

Table 11.

FERTILIZER RATE POUNDS PER ACRE	BLADEx RATE FOR A 3-WAY TANKMIX			
	RATE OF 80W PER ACRE			
	3	4	1 1/4	2 1/4
200	10 qts	20 qts	12 1/2 lbs	20 lbs
250	8 qts	16 qts	10 lbs	16 lbs
300	6 1/2 qts	13 1/2 qts	8 1/2 lbs	14 1/2 lbs
350	5 1/2 qts	11 1/2 qts	7 1/2 lbs	12 1/2 lbs
400	5 qts	10 qts	6 1/2 lbs	11 1/2 lbs
450	4 1/2 qts	8 1/2 qts	5 1/2 lbs	10 lbs
500	4 qts	8 qts	5 lbs	9 1/2 lbs
550	3 1/2 qts	7 1/2 qts	4 1/2 lbs	8 1/2 lbs
600	3 1/2 qts	6 1/2 qts	4 1/2 lbs	8 1/2 lbs
650	3 1/2 qts	6 1/2 qts	3 1/2 lbs	7 1/2 lbs
700	2 3/4 qts	5 1/2 qts	3 1/2 lbs	7 1/2 lbs

**RATE CHART FOR IMPREGNATION OF DRY BULK FERTILIZER WITH ERADICANE 6.7-E AND ATRAZINE OR BLADEx PER TON OF FERTILIZER**

Table 10.

FERTILIZER RATE POUNDS PER ACRE	BLADEx ALONE IN TANKMIX			
	RATE OF 4L PER ACRE		RATE OF 80W PER ACRE	
	3	4	2	2 1/4
200	15 qts	20 qts	20 lbs	25 lbs
250	12 qts	16 qts	16 lbs	20 lbs
300	10 qts	13 1/2 qts	13 1/2 lbs	16 1/2 lbs
350	8 1/2 qts	11 1/2 qts	11 1/2 lbs	14 1/2 lbs
400	7 1/2 qts	10 qts	10 lbs	12 1/2 lbs
450	6 1/2 qts	8 1/2 qts	8 1/2 lbs	11 1/2 lbs
500	6 qts	8 qts	8 lbs	10 lbs
550	5 1/2 qts	7 1/2 qts	7 1/2 lbs	9 1/2 lbs
600	5 qts	6 1/2 qts	6 1/2 lbs	8 1/2 lbs
650	4 1/2 qts	6 1/2 qts	6 1/2 lbs	7 1/2 lbs
700	4 1/2 qts	5 1/2 qts	5 1/2 lbs	7 1/2 lbs

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- The spray nozzle should be positioned inside of the mixer to provide uniform spray coverage of the tanking fertilizer and provide a uniform line spray pattern.
- Tanking combinations may be added separately or mixed in the proposed use ratio in a uniform slurry for joint spray impregnation.
- Physical properties of fertilizers vary in liquid absorptive capacity. When absorptivity is sufficient, simple spray impregnation of the fertilizer with the herbicide provides a satisfactory dry mixture.
- When the absorptive capacity is not adequate, use of a drying agent is required to provide dry, free-flowing mixtures.
- Drying agents for spinning-disk applicators are:
  - Micro-Cel™ E calcium silicate powder
  - Drying agents for pneumatic applicators are:
    - Micro-Cel E calcium silicate powder
    - Agsorb™ 16/30 RVM-MS granular clay
    - Celatom™ MP-79
- Drying agents should be added separately and uniformly to the previously impregnated herbicide-fertilizer mixture to insure that the mixture is free-flowing. Generally the following amounts are sufficient:
  - Micro-Cel E calcium silicate powder less than 2% by weight
  - Agsorb 16/30 RVM-MS granular clay less than 5% by weight
  - Celatom MP-79 less than 5% by weight

- The amount of ERADICANE 6.7-E, atrazine and/or Bladex actually required in the manufacture of individual fertilizer mixtures should be determined carefully for each production operation (see Tables 10 and 11). This is necessary to ensure that the amount of herbicide actually contained in the mixture applied to the soil represents the correct use rate.
- Physical Data
- Specific Gravity 68°: 1.20°C: 0.972 (typical)
  - Pounds/Gallon: 8.09 (typical)
  - Flashpoint 106°F/66°C (Teglabue closed cup)
  - Viscosity Sprayable down to minus 20°F/-28°C

...ure, mixture with other chemicals not  
...ally recommended or other influencing  
... in the use of the product, all of which are  
... the control of the Seller. All such risks shall  
... by Buyer and User, and Buyer and  
... agree to hold Seller harmless for any claims  
... in such factors.

... warrants that this product conforms to the  
... description on the label and is reasonably  
... for the purposes stated on the label, subject to the  
... risks referred to above, when used in  
... accordance with directions under normal condi-  
... of use. This warranty does not extend to the  
... product contrary to label instructions, or  
... use of the product under conditions  
... not reasonably foreseeable to or beyond the con-  
... of Seller and Buyer and User assumes the  
... of any such use. SELLER DISCLAIMS  
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... OR MERCHANTABILITY.

... Buyer or User claims losses or damages  
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... or other legal theories), Buyer or User  
... promptly notify in writing Seller of any claims  
... to receive either of the remedies set  
... The EXCLUSIVE REMEDY OF BUYER  
... and the LIMIT OF LIABILITY of Seller will  
... election of Seller, refund of the purchase  
... for product bought, or replacement

... of product used. SELLER SHALL NOT  
... FOR CONSEQUENTIAL SPECIAL OR  
... DAMAGES RESULTING FROM THE  
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