

2 of 2 Sections  
1911

# Stauffer Eradicane

6.7-E

SELECTIVE HERBICIDE

Keep Out of Reach of Children

### CAUTION

Harmful if Swallowed  
Statement of Practical Treatment

#### First Aid

**If swallowed:**  
Immediately give large quantities of water but do not induce vomiting. If vomiting does occur, give fluids again. Have a physician determine if condition of patient will permit evacuation of stomach. Do not give anything by mouth to unconscious person.

#### For eye contact:

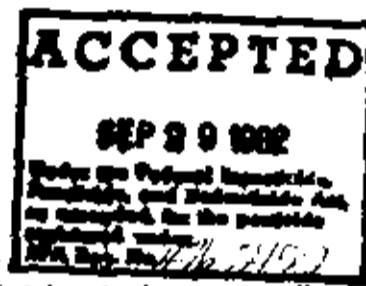
Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids apart during flushing to ensure rinsing of the entire surface of the eye and lids with water. Call a physician.

#### For skin contact:

Flush with large amounts of water for 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation occurs. Wash clothing before reuse.

#### If inhaled:

Remove to fresh air. Seek medical attention if respiratory irritation occurs.



For Control of Weeds in Corn (Field, Sweet, Silage and Popcorn) including Nutsedge, Bermudagrass, Quackgrass, Seeding Johnsongrass and Suppression of Rhizome Johnsongrass, Wild Cane and Wild Proso Millet

#### ACTIVE INGREDIENT:

S-ethyl dipropylthiocarbamate ..... 82.6%

#### INERT INGREDIENTS:

..... 17.4%

Contains 6.7 lbs. Active Ingredient Per Gallon

100.0%

EPA Reg. No. 2476-2157

## 5 GAL. NET 18.9L

This product is sold only for uses stated on its label. No express or implied license is granted to use or sell this product under any patent in any country except as specified herein. United States of America. Patent No. 3,027,004. Other Patents Pending.

Made in U.S.A. by STAUFFER CHEMICAL COMPANY  
Westport, CT 06881-0850

W18-82



REST DOCUMENT AVAILABLE

*Def 2 Sections APR*

# Eradicane

6.7-E

Precautionary Statements  
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 and feed.

**ENVIRONMENTAL HAZARDS.** Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

**STORAGE AND DISPOSAL**

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

**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:** Rinse spray equipment. Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other approved State and local procedures.

See attached booklet for Use Precautions, Directions for Use and Recommendations. Read all precautions and directions before using.

**NOTICE—READ CAREFULLY**

**CONDITIONS OF SALE**

Stauffer (and seller) offer(s) this product for sale subject to and buyer and all users are deemed to have accepted the following conditions of sale and warranty which may only be varied by written agreement of a duly authorized representative of Stauffer.

**WARRANTY LIMITATION**

Stauffer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use on the label subject to the inherent risks referred to below. Stauffer makes no other express warranties. THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY and there are no warranties which extend beyond the description on the label hereof.

**INHERENT RISKS**

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 associated with use. Buyer assumes all risks associated with use or application of this product contrary to label instructions or resulting from extraordinary weather conditions.

**LIMITATION OF LIABILITY**

In no case shall Stauffer be liable for special, indirect or consequential damages resulting from the use or handling of this product and a claim of any kind shall be greater in amount than the purchase price of the product in respect of which such damages are claimed.

EPA Est. 476-NB-1

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BEST DOCUMENT AVAILABLE

**NOTICE—READ CAREFULLY**

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This product is sold only for uses stated on its label. No express or implied license is granted to use or sell this product under any patent in any country except as specified. Country: United States of America. Patent No. 4,021,224; 4,137,070. Other Patents Pending.

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WT 8-82

Contains 6.7 lbs. of Active Ingredient per Gallon

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

EPA Reg. No. 476-2157

Keep Out of Reach of Children

**CAUTION**

**HARMFUL IF SWALLOWED**

**STATEMENT OF PRACTICAL TREATMENT**

**FIRST AID**

**If swallowed:**

Immediately give large quantities of water but do NOT induce vomiting. If vomiting does occur, give fluids again. Have a physician determine if condition of patient will permit evacuation of stomach. Do not give anything by mouth to an unconscious person.

**For eye contact:**

Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids apart during flushing to ensure rinsing of the entire surface of the eye and lids with water. Call a physician.

**For skin contact:**

Flush with large amounts of water for 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation occurs. Wash clothing before reuse.

**If inhaled:**

Remove to fresh air. Seek medical attention if respiratory irritation occurs.

**PRECAUTIONARY STATEMENTS**

**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 and feed.

**ENVIRONMENTAL HAZARDS**—Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

CAN BE STORED AT TEMPERATURES AS LOW AS MINUS 50 F

READ ALL LABEL DIRECTIONS BEFORE USING

**GENERAL USE PRECAUTIONS**

Read all label directions before using. ERADICANE 6/7-E should be used for recommended purposes and at recommended rates. **DO NOT OVERDOSE.**

ERADICANE 6/7-E is recommended for use on mineral soils only (soils containing less than 10% organic matter).

Do not use on wild or sorghum. Do not use on corn seed stock (Breeders, Foundation or Increase).



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# Eradicane

Selective Herbicide

6/7-E

For Control of Weeds in Corn (Field, Sweet, Silage and Popcorn) including Nutsedge, Bermudagrass, Quackgrass, Seeding Johnsongrass and Suppression of Rhizome Johnsongrass, Wild Cane and Wild Proso Millet.

Complete Directions For Use.

Use Precautions and Recommendations

STAUFFER CHEMICAL COMPANY, Westport, CT 06881-0850

EPA Reg. No. 476-2157

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Do not contaminate water to be used on susceptible crops and ornamentals or for domestic purposes. Do not contaminate feed or food. Keep container tightly closed when not in use. Do not store near seeds or fertilizers.

When properly applied and weather conditions are favorable, ERADICANE 67E will not harm the treated crop nor should harmful soil residues remain beyond harvest. However, during germination and early growth, extended periods of unusually cold and wet or hot and dry weather, insect nematode or plant disease attack, carry-over soil residues of certain persistent herbicides, the use of certain soil applied systemic insecticides, may create abnormal conditions that weaken crop seedlings. ERADICANE 67E used under these abnormal conditions could result in crop injury.

## WEEDS CONTROLLED

NOTE: ERADICANE 67E will not control established weeds.

### ANNUAL GRASSES:

Italian Bluegrass (Poa annua)	
Wheatgrass (Triticum spp.)	
Barrygrass (Lolium multiflorum)	
Watergrass (Echinochloa spp.)	
Bermudagrass (Cynodon dactylon)	
Crabgrass (Digitaria spp.)	
Quart Foxtail (Setaria fabae)	
Goosegrass (Eleusine indica)	
Green Foxtail (Setaria viridis)	

Johnsongrass (Sorghum halepense)	
Seedlings (Sorghum spp.)	
(Sorghum spp.)	
M. et. Wild Proso (Panicum miliaceum)	
Panicum Fall (Panicum dichotomiflorum)	
Johnsongrass (Bromus inermis)	
St. Andrew Field (Conyza)	
Texas Panicum (Bambusa)	
Chlorofoxtail (Panicum terremum)	
Wild Cane (Spartanum)	
Signalgrass (Sorghum bicolor)	
Woolfiver Grass (Barnadesia)	
Waterhyacinth (Eichhornia)	
Wheat (Triticum)	
Wild Oats (Avena)	
Yellow Foxtail (Setaria glauca)	
Woody Cupgrass (Echinochloa villosa)	

Special Control (Suppression) See Weed Cane. See Form ERADICANE 67E. Treatment on birds with moderate to heavy infestations of wild cane savalbur. See ERADICANE 67E Form 67E.

### ANNUAL BROADLEAF WEEDS:

Annual Morningglory (Ipomoea purpurea)	
Black Nightshade (Solanum elaeagnifolium)	
Carrotgrass (Amaranthus retrofractus)	
Chickweed, Common (Stellaria media)	
Corn Spurry (Spergularia arvensis)	
Dandelion (Taraxacum)	
(Henbit)	
(Urtica)	
(Impatiens)	

Fiddleneck (Amisulcia spp.)	
Florida Purslane (Rachicida scabra)	
Hairy Nightshade (Solanum elaeagnifolium)	
1/4-leaf-plantain (Chenopodium album)	
Common (Portulaca oleraceae)	
Redroot Pigweed (Amaranthus retrofractus)	
(Common Pigweed)	
Shepherdspurse (Cassia obtusifolia)	
Scallop (Sida spinosa)	
Teaweed (Sida spinosa)	
Yumbie Pigweed (Amaranthus albus)	
Waterleaf (Abutilon theophrasti)	

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

### PERENNIAL WEEDS:

Bermudagrass (Cynodon dactylon)	
Purple Nutsedge (Cyperus rotundus)	
Quackgrass (Agropyron repens)	
Ryegrass (Lolium spp.)	
Johnsongrass (Sorghum halepense)	
Yellow Nutsedge (Cyperus esculentus)	
Purple Sandspur (Impatiens)	

Perennial weeds must be turned under and chopped up thoroughly prior to treatment. The underground rhizomes of quackgrass and johnsongrass and the rhizomes and tubers of bermudagrass must be cut up thoroughly by small pieces so that a or two nodes remain on a strand. Consult RECOMMENDATIONS for ERADICANE 67E. Rates necessary to control the above listed weeds.

### DIRECTIONS FOR USE

This is a violation of Federal law to use this product in a manner inconsistent with its labeling. ERADICANE 67E is a selective herbicide which must be mixed (incorporated) into the soil for control of weeds listed on this label. ERADICANE 67E controls weeds by interfering with normal germination and seedling development. ERADICANE 67E does not control established weeds.

### APPLICATION DIRECTIONS

For band applications, carry over an amount to be applied per acre as follows:

Band width in inches	Rate A for broadleaf treatment	Amount needed for band treatment
10	1.0	1.0
12	1.2	1.2
14	1.4	1.4
16	1.6	1.6
18	1.8	1.8
20	2.0	2.0
22	2.2	2.2
24	2.4	2.4
26	2.6	2.6
28	2.8	2.8
30	3.0	3.0

### COMBINATION WITH FLUID FERTILIZERS

ERADICANE 67E may be combined with fluid (solution, slurry or suspension) fertilizers. However, physical compatibility with these fertilizers must be verified before combining in the spray tank. See Appendix 1 for special directions regarding these combinations. Even though found to be compatible, constant agitation is necessary to keep the ERADICANE 67E uniformly mixed with fluid fertilizers during application.

### IMPREGNATION ON DRY BULK FERTILIZERS

ERADICANE 67E may be impregnated on dry fertilizer and applied as the fertilizer is spread. See Appendix 1 for information and directions regarding impregnation and use of these combinations.

### INCORPORATION DIRECTIONS

ERADICANE 67E must be incorporated into the soil immediately to prevent loss of the herbicide. Whenever possible, application and incorporation should be done in the same operation.

### IMPORTANT: Thorough mixing of ERADICANE 67E in the soil is necessary. The soil is mixed by good tillage and cross discing as recommended. Proper discing or deep tillage (18-24 inches) is essential for satisfactory control.

### SOIL MIXING (INCORPORATION) BEING PLANNED: The following equipment combinations are used for soil mixing (incorporation):

Power-Driven Cultivation Equipment (Disc, Power Harrow or Soil Spreader previously primary disc) Ground speed slow. (See adjusted with disc.)

all PTO driven cultivation tools to insure thorough soil mixing.

a Horizontal action Set to cut 2 to 3 inches deep.

to Vertical action Set to cut 6 to 8 inches deep.

Tandem Discs (Recommended on all 8-11 types) set to cut to a depth of 4 to 6 inches, operated at 4 to 6 mph followed by a spring-tooth harrow or some other leveling device which extends beyond the ends of the discs.

For more thorough mixing (for control of suppression of deep-germinating grasses and other seedling johnsongrass, quackgrass and nutsedge), disc in two different directions (cross disc). When discing the second time the disc should be reset to cut no deeper than 4 to 6 inches.

Field Cultivators (Recommended on lighter soils in good tillage) Use 3 to 4 rows of sweeps spaced at 7 inch or less, sweeps and staggered so that no soil is left unworked. Followed by a spring-tooth harrow pulled behind the cultivator. Do not use chisel plows for incorporation. Set the cultivator to cut 4 to 6 inches deep, operated at 5 mph or more. The field cultivator should not be used as an incorporation tool where control of deep germinating weeds such as nutsedge, quackgrass, bermudagrass, seedlings of wild cane is desired. For control of these weeds, use a disc harrow or a power harrow.

### CENTER PIVOT SPRINKLER APPLICATION

Apply and soil incorporate ERADICANE 67E, ERADICANE 67E ATRAZINE or ERADICANE 67E GLADEX (see control of additional broad

leaf weeds) with irrigation water before planting (see PLANTING) or immediately after planting before either corn or weeds emerge. It is important that application and incorporation be done immediately after the last tillage operation since poor results will occur if the weeds have germinated before application of the herbicide. Meter the ERADICANE 67-E or tank mix combinations with ATRAZINE or BLADIX into the irrigation water during the entire period. Apply  $1\frac{1}{2}$  to  $2\frac{1}{2}$  inches of water.

The Bayer Division of Chemical Company

#### USE PRECAUTIONS:

- Apply the product only through central pivot irrigation systems containing anti siphon and check valves which will prevent water source contamination and overflow of the slurry tank and containing interlocking controls between the metering device and the water pump to insure simultaneous shut-off.
- Inject the product with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing.
- Application of more than label recommended quantities of irrigation water per acre may result in decreased product performance by moving the chemical from the zone of effectiveness.
- Do not apply when wind speed favors drift when system connections or fittings leak when nozzles do not provide uniform distribution or when lines containing the product must be dismantled and drained.
- Greater accuracy in calibration and distribution will be achieved by injecting a larger volume of a more dilute slurry per hour.

#### EXAMPLE:

110 Acres to be covered by 4 1/2 pints (4 lbs active) ERADICANE 67-E

110 A x 4 lbs = 440 lbs active ERADICANE 67-E

340 = 65.6 gals ERADICANE 67-E

g tank size 750 gallons. Sprinkler takes 30 hours to apply 1/2 inch of water.

Injection Rate =  $750 \div 30 = 25$  gal/hr or 0.4 gal/minute

Calibrate injection pump to deliver the herbicide mix into the irrigation system at the rate of 25 gals per hr or 0.4 gals per minute.

#### SUBSURFACE APPLICATION BEFORE OR AT PLANTING

(Limit use to the Southeastern U.S. only)

Special equipment designed for subsurface application must be used. Injector units must be rigidly mounted on or immediately ahead of or immediately behind the planter unit.

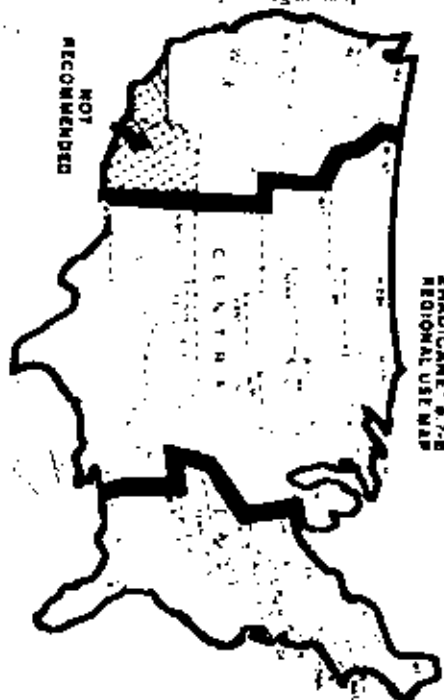
**SOIL INJECTION:** Coulters and injector shanks must be spaced 3 1/2 inches apart. The two shanks adjacent to the drill row must be 1 1/2 to 2 inches on either side of it. Mount injectors in staggered positions to avoid trash build-up. Set injectors to inject ERADICANE 67-E 3 inches below the soil surface. The width of the band in which weed control is desired will determine the number of injectors required per row. (Example: Four injectors spaced 3 1/2 inches apart gives a 14 inch band). A broadcast application can be made by increasing the number of shanks. Seal injector openings by using a roller or chain drag behind

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The injectors. Apply the recommended rate of ERADICANE 67-E in 20 to 50 gallons of water per acre.

## RECOMMENDATIONS

Consult the U.S. regional map below and use the recommendations in your region only.



**IMPORTANT:** Limit use on sweet corn to 4 1/2 pints ERADICANE 67-E per acre.

#### EASTERN U.S.

(NOTE: In the Southeastern U.S. when ERADICANE 67-E is used for weed control in silage corn, do not seed small seeded grains after corn harvest until September.)

#### PREPLANT INCORPORATION

**Annual Grasses (Except Wild Cans), Annual Broadleaf Weeds and Light Nutsedge Infestations:** Apply and incorporate 3 1/2 to 4 1/2 pints ERADICANE 67-E per acre using the lower rate for light infestation in sand and light (coarse textured) soils.

**Wild Cane, Bermudagrass, Nutsedge:** Apply 4 1/2 to 7 1/2 pints ERADICANE 67-E. Use the higher rate on heavy infestations.

**Quackgrass:** Apply and incorporate 7 1/2 pints ERADICANE 67-E per acre for control of moderate infestations and suppression of heavy infestations.

For improved quackgrass control ERADICANE 67-E can be preceded by a pre-plant application of ATRAZINE. Broadcast 2 1/2 lbs ATRAZINE 80W or 2 quarts ATRAZINE 4L per acre in the fall of spring and plow 1-3 weeks later. In the spring follow with the recommended rate of ERADICANE 67-E.

**Rhizome Johnsongrass:** For partial control (suppression) apply and incorporate 7 1/2 pints ERADICANE 67-E per acre. Using a program of plowing and disking followed by ERADICANE 67-E will give good control of seedlings and greatly reduce competition from plants coming from rhizomes.

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In some areas disking 2 to 3 times spaced at 4 to 5 week intervals during fall and winter can be done. If this cannot be done, start with fall plowing followed by several diskings in the spring before planting. The fall plowing and disking cuts rhizomes into small pieces and brings them to the surface where both weather and ERADICANE 67-E will kill or weaken them.

**Vertical:** Apply and incorporate 7 1/2 pints ERADICANE 67-E per acre.

#### CENTER PIVOT SPRINKLER APPLICATION

Apply 4 1/2 to 7 1/2 pints of ERADICANE 67-E per acre for control of annual grasses and annual broadleaf weeds. ATRAZINE or BLADIX may be tank mixed with ERADICANE 67-E (SEE CONTROL OF ADDITIONAL BROADLEAF WEEDS).

#### SUBSURFACE INJECTION

(Southeastern U.S. only)

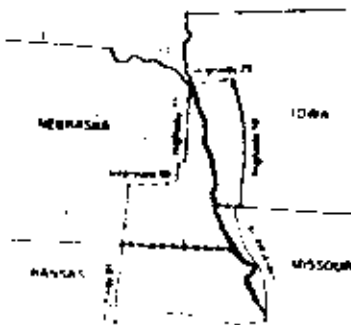
For control of light infestations of annual grasses (except wild cane), annual broadleaf weeds and nutsedge—apply 3 1/2 pints of ERADICANE 67-E per broadcast acre, adjusting the dosage proportionately depending upon the row spacing and width to be treated. Recommended on lighter (coarse textured) soils only.

#### CENTRAL U.S.

(Note: Western slope of Colorado. Where furrow irrigation will be used when corn is flat planted, do not form furrows until corn is in the three-leaf stage.)

ERADICANE 67-E is not recommended for wild cane control or suppression in the following areas of Nebraska, Iowa, Missouri, and Kansas.

NEBRASKA—east of Highway 81 and south of Interstate 80  
NEBRASKA—north of Interstate 80 and east of Highway 77  
IOWA—south of Highway 20 and west of Highway 59  
MISSOURI—west of Interstate 29 and north of Interstate 70  
KANSAS—north of Interstate 70 and east of Highway 21



#### PREPLANT INCORPORATION

**ANNUAL GRASSES (EXCEPT WILD CANE), ANNUAL BROADLEAF WEEDS, NUTSEGE,**

**BERMUDAGRASS:** Apply and incorporate 4 1/2 to 7 1/2 pints ERADICANE 67-E per acre. Use the higher rate for heavy infestations of nutsedge and bermudagrass. (For control of sandbar and wild oats only use 3 1/2 pints ERADICANE 67-E per acre.)

**Quackgrass:** Apply and incorporate 7 1/2 pints ERADICANE 67-E per acre for quackgrass con-

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tol (Use 4 1/2 pints to suppress light quackgrass infestations)

For improved quackgrass control ERADICANE 67-E can be preceded by a pre-plant application of ATRAZINE. Broadcast 2 1/2 lbs ATRAZINE 80W or 2 quarts ATRAZINE 4L per acre in the Fall or Spring and plow 1-3 weeks later. In the Spring follow with the recommended rate of ERADICANE 67-E.

**Rhizome Johnsongrass**—For partial control (suppression)—Apply and incorporate 7 1/2 pints ERADICANE 67-E per acre. Using a program of plowing and discing followed by ERADICANE 67-E will give good control of seedlings and greatly reduce competition from plants coming from rhizomes.

In some areas discing 2 to 3 times spaced at 4 to 5 week intervals during fall and winter can be done. If this cannot be done, start with fall plowing followed by several discings in the spring before planting. The fall plowing and discing cuts rhizomes into small pieces and brings them to the surface where both weather and ERADICANE 67-E will kill or weaken them.

**Velvetleaf**—Apply and incorporate 7 1/2 pints ERADICANE 67-E per acre.

**Red Top Millet**—For partial control (suppression)—Apply and incorporate 7 1/2 pints ERADICANE 67-E alone or in combination with ATRAZINE or BLADEX at rates specified for these herbicides elsewhere in this label.

**Wild Cane**—For partial control (suppression)—When applied and incorporated immediately before planting ERADICANE 67-E at the rate of 7 1/2 pints per acre on a broadcast basis will reduce competition from wild cane. On continuous corn

acreage with high cane seed population rotation to another crop is recommended.

Suppression of wild cane populations may be improved if all the following practices are followed:

1. Fall or spring moldboard plow.
2. Before application, the soil should be well worked with a disc and dry enough to permit good soil mixing of the herbicide (incorporation). All trash should be worked into the soil.
3. Delay application until soil warms (a constant 55° F or greater temperature). Plant immediately.
4. Incorporate thoroughly. Use recommended incorporation equipment and procedures found on this label.
5. Cultivate immediately if wild cane emerges. Cultivation should be shallower than the discing used when incorporating the herbicide.

#### CENTER PIVOT SPRINKLER APPLICATION

Apply 4 1/2 to 7 1/2 pints of ERADICANE 67-E per acre for control of annual grasses and annual broadleaf weeds. ATRAZINE or BLADEX may be tank mixed with ERADICANE 67-E (SEE CONTROL OF ADDITIONAL BROADLEAF WEEDS).

#### WESTERN U.S.

(NOTE: ERADICANE 67-E is not recommended on corn grown in Arizona or in the 10 Southern-most California counties. In California do not use ERADICANE 67-E on corn planted after May 1.)

NOTE: Soils lacking sufficient moisture for seed germination must be pre-irrigated prior to ERADICANE 67-E application.

NOTE: Do not use on Golden Jubilee sweet corn west of the Cascade Mountains in Oregon or Washington.

#### PREPLANT INCORPORATION

**Annual Grasses (Except Wild Cane), Annual Broadleaf Weeds, Bermudagrass, Quackgrass**—Apply and incorporate 3 1/2 to 4 1/2 pints ERADICANE 67-E per acre. Use the higher rate in heavier (fine textured) soils and for quackgrass control in all soil textures.

**Knutledge**—Apply and incorporate 3 1/2 to 7 1/2 pints ERADICANE 67-E per acre. Use the higher rate in heavier (fine textured) soils.

**Rhizome Johnsongrass**—For partial control (suppression)—Apply and incorporate 7 1/2 pints ERADICANE 67-E per acre. Using a program of plowing and discing followed by ERADICANE 67-E will give good control of seedlings and greatly reduce competition from plants coming from rhizomes.

In some areas discing 2 to 3 times spaced at 4 to 5 week intervals during fall and winter can be done. If this cannot be done, start with fall plowing followed by several discings in the spring before planting. The fall plowing and discing cuts rhizomes into small pieces and brings them to the surface where both weather and ERADICANE 67-E will kill or weaken them.

#### CENTER PIVOT SPRINKLER APPLICATION

Apply 4 1/2 to 7 1/2 pints of ERADICANE 67-E per acre for control of annual grasses and annual broadleaf weeds. ATRAZINE or BLADEX may be tank mixed with ERADICANE 67-E (SEE CONTROL OF ADDITIONAL BROADLEAF WEEDS).

### TANK MIX COMBINATION FOR CONTROL OF ADDITIONAL BROADLEAF WEEDS

For control of ragweed, smartweed, velvetleaf, ironweed, cocklebur, mustard, Venice Mallow and for increased control of labeled broadleaf weeds an overlay treatment of 2,4-D may be made. ATRAZINE, BLADEX or a combination of ATRAZINE AND BLADEX may be tank-mixed with the recommended rates of ERADICANE 67-E and applied preplant incorporated. ERADICANE 67-E or ERADICANE 67-E may be applied through a center pivot irrigation system. As an alternative ERADICANE 67-E can be applied preplant incorporated at recommended rates followed by ATRAZINE applied pre-emergence to the soil surface. Consult the pre-emergence application directions on the ATRAZINE label. A rotary hoeing or shallow cultivation is recommended if rainfall or sprinkler irrigation has not occurred within 10 days of the surface application.

With the combination of ERADICANE 67-E, BLADEX, ATRAZINE, the potential hazard of ATRAZINE residues affecting certain crops the following year is reduced because a lower rate of ATRAZINE can be used.

#### RATES

**Atrazine**: Use 1 1/2 to 2 pounds of ATRAZINE 80W or 2 to 3 quarts of ATRAZINE 4L per acre for both tank mix (preplant incorporation or center pivot sprinkler application) and sequential application.

Use the higher rate in soils with over 5% organic matter.

For control of Velvetleaf use 4 1/2 to 7 1/2 pints of ERADICANE 67-E plus 2 pounds of ATRAZINE 80W or 3 pints of ATRAZINE 4L per broadcast acre.

**Bladex**: Use 2 to 2 1/2 pounds of BLADEX 80W or 3 to 4 pints of BLADEX 4L per acre for preplant incorporation or application through center pivot sprinkler system. Use the lower rate of BLADEX on sand or loam soils. Use the higher rate of BLADEX on fine textured (clay) soils or soils with 3% organic matter and above.

**Bladex/Atrazine**: Use 1 1/2 to 2 1/2 pounds of BLADEX 80W or 2 to 4 pints of BLADEX 4L and 1 1/2 to 2 1/2 pounds of ATRAZINE 80W or 1 to 2 pints of ATRAZINE 4L per acre with recommended rates of ERADICANE 67-E. Preplant incorporated BLADEX and ATRAZINE should be used in a two to one proportion.

NOTE: 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.

**2,4-D**: Use the amount of 2,4-D recommended on the manufacturer's label.

Follow all the use precautions and warnings that appear on the ATRAZINE, 2,4-D and BLADEX labels and supplemental literature.

Make only one application per crop. After a treatment including ATRAZINE, do not plant to any crop except corn until the following year or injury may occur.

Do not plant to alfalfa where more than 12 pounds actual ATRAZINE was used the previous year.

#### TANK MIXING DIRECTIONS

1. Fill the spray tank at least 1/2 full of clean water. Be sure tank is clean and not contaminated with 2,4-D, oil residue or other materials.
  2. Start agitation and continue moderate agitation throughout mixing.
  3. Mix and disperse wettable powders first, flowable products next and ERADICANE 67-E last.
  4. Premix the BLADEX and ATRAZINE products individually in proper order (step 3 above) making sure the products are thoroughly wetted and dispersed in the tank prior to adding ERADICANE 67-E.
  5. Add the ERADICANE 67-E to the tank 1/2 full of water already mixed with BLADEX and ATRAZINE.
  6. Complete filling the remaining portion of the tank with water, mix thoroughly, maintain moderate agitation to provide a uniform mix during application.
  7. The tank-mix combination should not be left in the spray tank for prolonged periods, batches should be mixed and applied the same day.
- Do not use excessive agitation as it may cause the BLADEX or ATRAZINE to settle out and set up in the spray tank. After returning to the tank to add the tank mix, agitate thoroughly.

#### APPLICATION DIRECTIONS

Apply ERADICANE 67-E, ATRAZINE, ERADICANE 67-E, BLADEX or ERADICANE 67-E, BLADEX, ATRAZINE in 10-50 gallons of water per acre.

## PLANTING DIRECTIONS

Plant seed to a maximum depth of 2 inches within 2 weeks after treatment. To avoid removing ERADICANE 67-E from the row (with loss of weed control in the row) do not mow or shape soil after treatment such as by tilling or deep harrows.

## CULTURAL PRACTICES FOLLOWING APPLICATION

Should weeds develop, a shallow cultivation or rotary hoeing will generally result in better weed control. When cultivating for any reason it should be shallow, i.e., no more than 1/2 inch depth. The herbicide was incorporated Pre-emergence or Post-emergence herbicides may be necessary to control weeds resistant to ERADICANE 67-E.

### APPENDIX I

#### PROCEDURE FOR TESTING THE COMPATIBILITY OF ERADICANE 67-E WITH FLUID FERTILIZERS

The following procedure is suggested for determining whether ERADICANE 67-E may be combined with a specific fluid fertilizer for spray tank application.

#### MATERIALS REQUIRED:

- 1 ERADICANE 67-E
- 2 Fluid fertilizers to be used
- 3 Adjuvant for fertilizer tank mix. Complete Sponto 168-D (lime or equivalent). The adjuvant which provides the best emulsification depends on the specific fertilizer 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 measurements)
- Measuring cup, 8 oz (237 ml)

Complete, Inc. Laboratories, Inc. Praluma, La. 71259  
 Sponto 168-D, Wide-Mouth Company Houston, Texas  
 Complete, Inc., P.O. Box 100, Agricultural Chemical Co., P.O. Box 100, Praluma, La. 71259

#### PROCEDURE:

- 1 Pour a pint (about 473 ml) of the fluid fertilizer into each of the quart jars
- 2 Add adjuvant to one of the jars and mix (see next rate table)
- 3 Add the ERADICANE 67-E to both jars (see next rate table)
- 4 Close both jars with lid or stopper and mix the contents by turning the jars upside down ten times
- 5 Inspect the surface and body of the mixtures—

- (A) Five minutes after completing the jar in versions  
 (B) Two hours later after repeating the jar in versions

A mixture may be incompatible if either of the following conditions are observed at either in section period:

- (1) Clumps or aggregates are present
- (2) An oil layer or large globules are seen at the surface of the mixture

If the mixture has separated at the five minute inspection period but mixes readily with agitation the combination may be used provided good agitation is maintained throughout the mixing and application operations. If the mixture cannot be redispersed with agitation or clumps persist the mixture is incompatible and should not be used.

If the ERADICANE 67-E is incompatible with the fertilizer carefully inspect the mixture containing the adjuvant. If this mixture is compatible, then the ERADICANE 67-E may be used with the fluid fertilizer provided that adjuvant is added to the fluid fertilizer and thoroughly mixed before adding the ERADICANE 67-E. Add the adjuvant at a rate of 3 parts per 100 gallons of fluid fertilizer. Measure foaming by using moderate agitation.

If the mixture with the adjuvant is also incompatible, then ERADICANE 67-E should not be used in combination with the fluid fertilizer.

#### RATE TABLE FOR ERADICANE 67-E AND ADJUVANT WITH THE FLUID FERTILIZER

Gallons of fluid fertilizer to be used per acre	mL of 10% of ERADICANE 67-E to be added to 1 pint of fertilizer		tsp
	67-E	67-E	
10	ml	7	1 1/2
15	5	5	1
20	4	3	3/4
25	3	2	3/4
30	2	2	1/2
40	2	2	1/2

Based on field rate of 1 pound active ingredient per acre in the fertilizer volumes indicated. Increase volume proportionately to correspond with increased field rate in terms of pounds of ingredients per acre for a given volume of fertilizer per acre. Add 8 ml of 2 tsp ERADICANE 67-E to each jar for compatibility testing purposes.

Two (2) one liter or one half (1/2) teaspoon of adjuvant to be added to 1 pint of fluid fertilizer in order to equal the rate of 3 parts of adjuvant per 100 gallons of fluid fertilizers.

### APPENDIX II

#### ERADICANE 67-E, ERADICANE 67-E/ATRAZINE (4L or 80W) or ERADICANE 67-E/BLADEX (4L or 80W)

#### IMPLEMENTATION ON DRY BULK FERTILIZERS

**CAUTION:** ERADICANE 67-E alone or in combination with other herbicides must not be impregnated on ammonium nitrate, potassium nitrate or sodium nitrate fertilizers. Such mixtures may cause explosion and fire.

Individual state regulations relating to bulk dry fertilizer blending, registration, labeling and application are the responsibility of the individual and/or company selling the ERADICANE 67-E or ERADICANE 67-E plus ATRAZINE (4L or 80W) or ERADICANE 67-E plus BLADEX (4L or 80W) and fertilizer mixtures.

ERADICANE 67-E alone and in combination with ATRAZINE or BLADEX may be impregnated on many dry bulk fertilizers (1) (2) and applied and incorporated in the soil before planting for the control of grass and broadleaf weeds in corn. Test results have shown that ERADICANE 67-E, ERADICANE 67-E/ATRAZINE (4L or 80W) and ERADICANE 67-E/BLADEX (4L or 80W) on many dry bulk fertilizers give weed control equal to ERADICANE 67-F or a tank mix of ERADICANE 67-E/ATRAZINE (4L or 80W) or ERADICANE 67-E/BLADEX (4L or 80W) applied as a spray in water or liquid fertilizer. However, uniform impregnation of the pesticides on the dry fertilizer particles and uniform application in the field are necessary to assure good results.

A minimum of 200 pounds and a maximum of 700 pounds of approved ingredients (1) (2) impregnated with the appropriate amount of ERADICANE 67-E alone or in combination with ATRAZINE (4L or 80W) or BLADEX (4L or 80W) must be applied per acre.

For impregnating the pesticides on dry fertilizers, use a closed rotary-drum mixer or a similar type of closed blender equipped with suitable spray equipment. The spray nozzle should be positioned inside of the mixer to provide uniform spray coverage of the tumbling fertilizer. The ERADICANE 67-E should be sprayed uniformly onto the fertilizer using a fine spray pattern. For the ERADICANE 67-E/ATRAZINE or ERADICANE 67-E/BLADEX combination product the ATRAZINE (4L or 80W) or BLADEX (4L or 80W) can be added and mixed uniformly with the fertilizer prior to the ERADICANE 67-E addition or alternately, the ERADICANE 67-E/ATRAZINE (4L or 80W) or ERADICANE 67-E/BLADEX (4L or 80W) can be added in the proposed use ratio to prepare a uniform slurry for joint spray impregnation.

The physical properties of fertilizers vary particularly in liquid absorption capacity. When absorption is sufficient, simple spray impregnation of the fertilizer with ERADICANE 67-E provides a satisfactory dry mixture.

If the absorption capacity is inadequate, use of a highly absorbent powder is required to provide a dry free flowing mixture.

Microcell E (Johns-Manville Products Corp.) is the recommended absorbent powder. It should be added separately and uniformly to the prepared pesticide fertilizer mixture in a quantity

that is sufficient to provide a suitably free-flowing mixture. Generally less than 2% by weight of Microsil E is required.

The amount of ERADICANE 6-7-E, ERADICANE 6-7-E ATRAZINE (4L or 80W) or ERADICANE 6-7-E BLADEX (4L or 80W) actually required in the manufacture of individual fertilizer mixtures should be determined carefully for each production operation (3)(4). This is necessary to ensure that the amounts of ERADICANE 6-7-E, ATRAZINE and BLADEX actually contained in the mixture applied to the soil represent the correct rate of use.

Bulk fertilizer impregnated with ERADICANE 6-7-E, ERADICANE 6-7-E ATRAZINE (4L or 80W) or ERADICANE 6-7-E BLADEX (4L or 80W) should be applied immediately. NOT STORED. All bulk containers should be tightly covered while the products are being transported and applied to reduce chances of ERADICANE 6-7-E loss via volatilization.

Do not combine ERADICANE 6-7-E plus ATRAZINE (4L or 80W) or BLADEX (4L or 80W) with single super-phosphate (0-20-0) or triple super-phosphate (0-45-0).

**ERADICANE 6-7-E Physical Data**  
 Specific Gravity 20/20 C. 0.972 (typical)  
 Flashpoint 20 C. 6.09 (typical)  
 Flashpoint 186 F. (tag label closed cup)  
 Viscosity Sprayable down to minus 20 F.

**(1) APPROVED DRY FERTILIZER INGREDIENTS FOR USE WITH ERADICANE 6-7-E**

	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
Triple Super-phosphate	0	45	0
Ammonium Phosphate-Sulfate	16	20	0

Some mixes may be phytotoxic when high rates are applied to corn. Use only ureates known to be safe for corn application.

NOTE: K-Mag and 11-48-0 are also approved for use.

**(2) APPROVED DRY FERTILIZER INGREDIENTS FOR USE WITH ERADICANE 6-7-E PLUS ATRAZINE (4L OR 80W) OR ERADICANE 6-7-E PLUS BLADEX (4L OR 80W)**

	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

Some mixes may be phytotoxic when high rates are applied to corn. Use only ureates known to be safe for corn application.

NOTE: K-Mag and 11-48-0 are also approved for use.

**(3) Rate Chart for Impregnation of Dry Bulk Fertilizers (1)(12) with ERADICANE 6-7-E or ERADICANE 6-7-E plus BLADEX (4L or 80W)**

Fertilizer Rate Per Acre	ERADICANE 6-7-E Rate Per Acre	BLADEX (4L or 80W) Rate Per Acre
200 lbs	18.0 gals	2.0 lbs
250 lbs	22.5 gals	2.5 lbs
300 lbs	27.0 gals	3.0 lbs
350 lbs	31.5 gals	3.5 lbs
400 lbs	36.0 gals	4.0 lbs
450 lbs	40.5 gals	4.5 lbs
500 lbs	45.0 gals	5.0 lbs
550 lbs	49.5 gals	5.5 lbs
600 lbs	54.0 gals	6.0 lbs
650 lbs	58.5 gals	6.5 lbs
700 lbs	63.0 gals	7.0 lbs

(3) Rate Chart for Impregnation of Dry Bulk Fertilizers (1)(12) with ERADICANE 6-7-E or ERADICANE 6-7-E plus BLADEX (4L or 80W)

**(4) Rate Chart for Impregnation of Dry Bulk Fertilizers (1)(12) with ERADICANE 6-7-E or ERADICANE 6-7-E plus ATRAZINE (4L or 80W)**

Fertilizer Rate Per Acre	ERADICANE 6-7-E Rate Per Acre	ATRAZINE (4L or 80W) Rate Per Acre
200 lbs	18.0 gals	2.0 lbs
250 lbs	22.5 gals	2.5 lbs
300 lbs	27.0 gals	3.0 lbs
350 lbs	31.5 gals	3.5 lbs
400 lbs	36.0 gals	4.0 lbs
450 lbs	40.5 gals	4.5 lbs
500 lbs	45.0 gals	5.0 lbs
550 lbs	49.5 gals	5.5 lbs
600 lbs	54.0 gals	6.0 lbs
650 lbs	58.5 gals	6.5 lbs
700 lbs	63.0 gals	7.0 lbs

(4) Rate Chart for Impregnation of Dry Bulk Fertilizers (1)(12) with ERADICANE 6-7-E or ERADICANE 6-7-E plus ATRAZINE (4L or 80W)

**STORAGE AND DISPOSAL**

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

**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:** Rinse spray equipment. Pesticide spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.