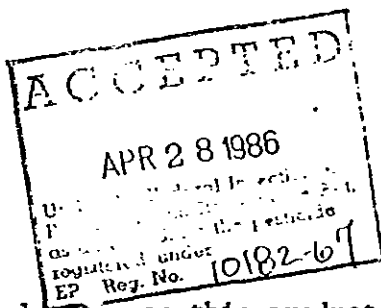


FUSILADE 4E Herbicide
EPA Reg. No. 10182-67



Supplemental Labeling:

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This labeling must be in possession of the user at the time of application.

COTTON TANK-MIX WITH CYGON® 400

Apply FUSILADE 4E and Cygon 400 in the tank mix when required according to the weed and insect problems present. Follow rate recommendations indicated in the tables below.

REGION A¹
APPLICATION RATE TABLE

<u>Product</u>	<u>FUSILADE 4E</u> + <u>Cygon 400</u> <u>Rate^{2,3}</u>
FUSILADE 4E	1/4-1/2 pint (.125-.25 lb a.i./A)
+ Cygon 400	1/4-1/2 pint/A (.125-.250 lb a.i./A)

¹ Region A - All states except the areas of Arizona, California, New Mexico, West Oklahoma, West Texas, Utah, and Colorado as outlined in the FUSILADE 4E label.

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² Follow the recommended rate and growth stage for the grass weeds being treated, as per the FUSILADE 4E label.

³ Follow the recommended rate for the target insect pest, as per the Cygon 400 label.

REGION B⁴
APPLICATION RATE TABLE

<u>Product</u>	<u>FUSILADE 4E</u> + <u>Cygon 400</u> <u>Rate^{5,6}</u>
FUSILADE 4E	1/2-1 pint (.25-.50 lb a.i./A)
+ Cygon 400	1/4-1 pint/A (.125-.500 lb a.i./A)

⁴ Region B - For the areas of Arizona, California, New Mexico, West Oklahoma, West Texas, Utah, and Colorado as outlined in the FUSILADE 4E label.

⁵ Follow the recommended rate and growth stage for the grass weeds being treated, as per the FUSILADE 4E label.

⁶ Follow the recommended rate for the target insect pest, as per the Cygon 400 label.

Timing - Apply to actively growing grasses before they exceed the recommended growth stages shown on the FUSILADE 4E label. Apply as required for insect control based on scouting reports. Subsequent applications of Cygon 400 may be required as indicated by scouting reports. New growth or regrowth of grasses may be treated when size reaches recommended growth stages shown on label.

Do not apply if rainfall is expected within 1 hour.

Spray Additives (Cleared for use on growing crops) - Always add one of the following:

- Crop oil concentrate - Add a nonphytotoxic crop oil or a once-refined vegetable oil concentrate containing 15-20% approved emulsifier; at 1% (1 qt. per 25 gallons) of the finished spray volume.
- Nonionic surfactant - Add nonionic surfactant containing at least 75% surface active agent, at 0.25% ($\frac{1}{2}$ pint per 25 gallons) of the finished spray volume.

Ground Application - Use 5-40 gallons of total spray mixture per acre and 40-60 psi pressure. Sufficient spray volume and pressure should be provided to provide complete coverage of the foliage.

Use higher volumes and increase the pressure to 60 psi if foliage is dense to ensure complete coverage.

Band Applications - Band application equipment should be adjusted to provide maximum coverage of foliage in the planted row. Thorough coverage can be obtained with a nozzle directed to each side of the row towards the foliage in the planted row. Applications with a single nozzle over the top of the row are not recommended.

Do not use band applications when the grass is perennial. Reinfestation of the treated band can result from the untreated middle.

Aerial Application - Use a minimum of 5 gallons of finished spray volume per acre. If the foliage is dense, increase the spray volume to 10 gallons per acre to improve coverage.

Mixing - Fill the spray tank half-full with water and add the recommended amounts of FUSILADE 4E + Cygon 400 while the agitator is running. Then add crop oil concentrate or nonionic surfactant and the remaining quantity of water and mix thoroughly.

USE RESTRICTIONS

- Always read and follow the restrictions and limitations for all products whether used alone or in tank mix. The most restrictive labeling of any product used applies in tank mixtures. ✓
- A maximum of 1 quart of FUSILADE 4E may be applied per season to cotton. ✓
- Cotton may not be harvested within 100 days of a tank-mix application containing FUSILADE 4E. ✓
- Do not graze or harvest for forage or hay. ✓
- Do not apply FUSILADE 4E after boll set. ✓
- Do not plant rotational grass crops such as corn, sorghum, and cereals within 60 days after the last application of FUSILADE 4E. ✓
- Avoid drift to all other crops and nontarget areas. ✓
- Clean sprayer with water and a commercial sprayer cleaner or surfactant/ adjuvant as per the recommended use directions of the respective products. ✓
- Apply to foliage when grasses are actively growing. ✓
- If automatic flagging is not possible, human flagger must wear protective clothing and respirator specified on Cygon 400 label. ✓
- Repeat application of Cygon 400 should not be made at intervals closer than 14 days. ✓
- Only two applications of Cygon 400 at the higher rate may be made per season. ✓

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Supplemental Labeling:

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This labeling must be in possession of the user at the time of application.

COTTON TANK-MIX WITH AND BIDRIN® 8

Apply FUSILADE 4E and Bidrin 8 in the tank mix when required according to the weed and insect problems present. Follow rate recommendations indicated in the tables below.

REGION A¹
APPLICATION RATE TABLE

FUSILADE 4E	+	Bidrin 8
Product		Rate ^{2,3}
FUSILADE 4E		1/4-1/2 pint (.125-.25 lb a.i./A)
+		
Bidrin		1.6-8.0 fl. oz/A (.025-.125 lbs a.i./A)

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- ¹ Region A - All states except the areas of Arizona, California, New Mexico, West Oklahoma, West Texas, Utah, and Colorado as outlined in the FUSILADE 4E label.
- ² Follow the recommended rate and growth stage for the grass weeds being treated, as per the FUSILADE 4E label.
- ³ Follow the recommended rate for the target insect pest, as per the Bidrin 8 label.

REGION B⁴
APPLICATION RATE TABLE

Product	FUSILADE 4E + Bidrin 8 Rate ^{5,6}
FUSILADE 4E + Bidrin	1/2-1 pint (.25-.50 lb a.i./A) 1.6-8.0 fl. oz/A (.025-.125 lbs a.i./A)

⁴ Region B - For the areas of Arizona, California, New Mexico, West Oklahoma, West Texas, Utah, and Colorado as outlined in the FUSILADE 4E label.

⁵ Follow the recommended rate and growth stage for the grass weeds being treated, as per the FUSILADE 4E label.

⁶ Follow the recommended rate for the target insect pest, as per the Bidrin 8 label.

Timing - Apply to actively growing grasses before they exceed the recommended growth stages shown on the FUSILADE 4E label. Apply as required for insect control based on scouting reports. Subsequent applications of Bidrin 8 may be required as indicated by scouting reports. New growth or regrowth of grasses may be treated when size reaches recommended growth stages shown on label.

Do not apply if rainfall is expected within 1 hour.

Spray Additives (Cleared for use on growing crops) - Always add one of the following:

- Crop oil concentrate - Add a nonphytotoxic crop oil or a once-refined vegetable oil concentrate containing 15-20% approved emulsifier; at 1% (1 qt. per 25 gallons) of the finished spray volume.
- Nonionic surfactant - Add nonionic surfactant containing at least 75% surface active agent, at 0.25% (½ pint per 25 gallons) of the finished spray volume.

Ground Application - Use 5-40 gallons of total spray mixture per acre and 40-60 psi pressure. Sufficient spray volume and pressure should be provided to provide complete coverage of the foliage.

Use higher volumes and increase the pressure to 60 psi if foliage is dense to ensure complete coverage.

Band Applications - Band application equipment should be adjusted to provide maximum coverage of foliage in the planted row. Thorough coverage can be obtained with a nozzle directed to each side of the row towards the foliage in the planted row. Applications with a single nozzle over the top of the row are not recommended.

Do not use band applications when the grass is perennial. Reinfestation of the treated band can result from the untreated middle.

Aerial Application - Use a minimum of 5 gallons of finished spray volume per acre. If the foliage is dense, increase the spray volume to 10 gallons per acre to improve coverage.

Mixing - Fill the spray tank half-full with water and add the recommended amounts of FUSILADE 4E + Bidrin 8 while the agitator is running. Then add crop oil concentrate or nonionic surfactant and the remaining quantity of water and mix thoroughly.

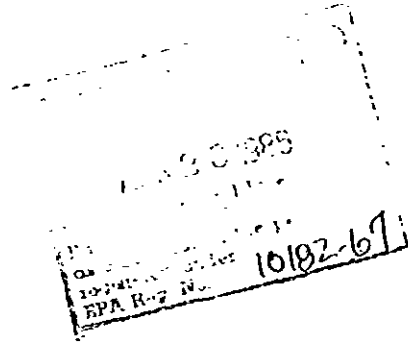
USE RESTRICTIONS

- BIDRIN IS A RESTRICTED USE PESTICIDE FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS, OR PERSONS UNDER THEIR DIRECT SUPERVISION, AND ONLY FOR THE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION. ✓
- Always read and follow the restrictions and limitations for all products whether used alone or in tank mix. The most restrictive labeling of any product used applies in tank mixtures. ✓
- A maximum of 1 quart of FUSILADE 4E may be applied per season to cotton. ✓
- Cotton may not be harvested within 100 days of a tank-mix application containing FUSILADE 4E. ✓
- Do not graze or harvest for forage or hay. ✓
- Do not apply FUSILADE 4E after boll set. ✓
- Do not plant rotational grass crops such as corn, sorghum, and cereals within 60 days after the last application of FUSILADE 4E. ✓
- Avoid drift to all other crops and nontarget areas. ✓
- Clean sprayer with water and a commercial sprayer cleaner or surfactant/ adjuvant as per the recommended use directions of the respective products. ✓
- Apply to foliage when grasses are actively growing. ✓
- Automatic flagging devices should be used when possible whenever Bidrin 8 is used. ✓
- Do not enter area treated with Bidrin 8 for 48 hours unless appropriate clothing is worn. ✓
- Oral or written warnings must be given workers who are expected to enter a treated area or area about to be treated with Bidrin 8. Oral warnings must be in language customarily understood by workers. ✓
- Bidrin 8 may not be applied more than 3 times per season. ✓
- Bidrin cannot be used within 30 days of harvest. ✓ ? 314

COPY A

Add:

Kikuyagrass (Pennisetum clandestinum) 4-8" runners



APPLICATION DIRECTIONS

Timing - Apply to actively growing grass weeds before they exceed the recommended growth stages shown on this label.

Do not apply FUSILADE 4E if rainfall is expected within 1 hour.

Spray Additives (Cleared for use on growing crops)

ALWAYS ADD ONE OF THE FOLLOWING:

- **Crop Oil Concentrate** - Add a nonphytotoxic crop oil or a once refined vegetable oil concentrate containing 15-20% emulsifier, at 1% (1 quart per 25 gallons) of the finished spray volume.
- **Nonionic Surfactant** - Add nonionic surfactant containing at least 75% surface active agent, at 0.25% (1/2 pint per 25 gallons) of finished spray volume. Use only nonionic surfactant on ornamentals.

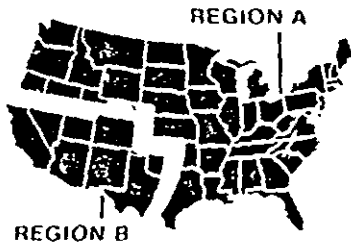
DIRECTIONS FOR USE

ANNUAL AND PERENNIAL GRASS CONTROL RECOMMENDATIONS FOR NONFOOD USES

REGIONS A & B

- Use 1 pint of FUSILADE 4E per acre and 1% crop oil concentrate (1 quart per 25 gallons) or 0.25% (1/2 pint per 25 gallons) of a nonionic surfactant. Use only nonionic surfactant on ornamentals.
- Spray to obtain thorough coverage of grass foliage, but not to runoff. Repeat treatments may be necessary to provide full-season control.
- Use standard pesticide hollow cone or flat fan nozzles.
- Apply FUSILADE 4E to actively growing grasses before they exceed the recommended growth stages shown below.
- Do not apply FUSILADE 4E to grasses which are stressed due to moisture, temperature, herbicide or mechanical injury.
- Do not apply FUSILADE 4E to grasses which have tillered, formed seed heads, or exceeded recommended growth stages for treatment.
- Do not use a crop oil concentrate with FUSILADE 4E on ornamentals.

ANNUAL GRASS CONTROL RECOMMENDATIONS FOR REGIONS A & B



ANNUALS (Apply 1.0 pt of FUSILADE 4E per acre.)

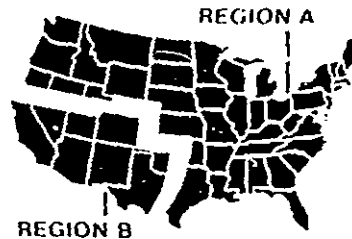
Grass Species

Growth Stage: 2-8" tall, before tillering and/or heading

- Barnyardgrass (*Echinochloa crusgalli*)
- Broadleaf signalgrass (*Brachiaria platyphylla*)
- Fall panicum (*Panicum dichotomiflorum*)
- Field sandbur (*Cenchrus pauciflorus*)
- Foxtail, green (*Setaria viridis*)
- Foxtail, giant (*Setaria faberii*)
- Foxtail, yellow (*Setaria lutescens*)
- Goosegrass (*Elymus indica*)
- Guineagrass, seedling (*Panicum maximum*)

- Itchgrass (*Rottboellia exaltata*)
- Johnsongrass, seedling (*Sorghum halepense*)
- Junglerice (*Echinochloa colonum*)
- Large crabgrass (*Digitaria sanguinalis*)
- Prairie cupgrass (*Eriochloa contracta*)
- Red rice (*Oryza sativa*)
- Shattercane/Wildcane/Volunteer milo (*Sorghum bicolor*)
- Smooth crabgrass (*Digitaria ischaemum*)
- Southern sandbur (*Cenchrus echinatus*)
- Southwestern cupgrass (*Eriochloa gracilis*)
- Texas panicum (*Panicum texanum*)
- Volunteer barley (*Hordeum vulgare*)
- Volunteer oats (*Avena fatua*)
- Volunteer rye (*Secale cereale*)
- Volunteer corn (*Zea mays*)
- Volunteer wheat (*Triticum aestivum*)
- Wild oats (*Avena fatua*)
- Wild proso millet (*Panicum miliaceum*)
- Witchgrass (*Panicum capillare*)

PERENNIAL GRASS CONTROL RECOMMENDATIONS FOR REGIONS A & B



PERENNIALS (Apply 1.0 pt of FUSILADE 4E per acre.)

Grass Species

- Bermudagrass (*Cynodon dactylon*)¹⁶
- Guineagrass (*Panicum maximum*)¹⁷
- Johnsongrass (*Sorghum halepense*)¹⁸
- Quackgrass (*Agropyron repens*)¹⁹
- Wirestem muhly (*Muhlenbergia frondosa*)²⁰

¹⁶ 13" tall or with 4-8" runners
¹⁷ 6-12" tall and before seedhead initiation
¹⁸ 12-18" tall and before boot stage
¹⁹ 3-5 leaves, not more than 10" tall
²⁰ 4-12" tall and before seedhead initiation