



ICI Americas Inc.

SUPPLEMENTAL LABEL FOR
NONCROP AND NONFOOD USES

FUSILADE™ 4E Herbicide

EPA Reg. No. 10182-67

Not for use or storage in or around the home.

Apply only with machine-mounted equipment.

ACCEPTED
MAY 11 1984
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 10182-67

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 the possession of the user at the time of pesticide application.

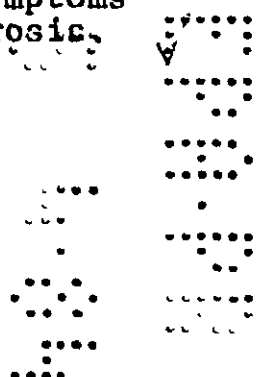
GENERAL INFORMATION

FUSILADE 4E is a selective postemergence herbicide for control of annual and perennial grasses in many nonfood crops and noncrop areas. FUSILADE 4E does not control broadleaf weeds or sedges (nutgrass).

Application Information and Timing - Thorough spray coverage is required for optimum control of grasses present. Apply to actively growing grasses before they exceed the recommended growth stages shown on this label.

Control Symptoms - FUSILADE 4E is a systemic herbicide which moves from the treated foliage into the rhizomes, stolons, and growing points of grasses. Excellent control of a wide range of annual and perennial grasses will be obtained with FUSILADE 4E when applied as recommended on this label.

Growth of treated grasses stops soon after application. Symptoms include loss of vigor, yellowing and/or reddening, and necrosis. Symptoms are generally observed within one to three weeks, depending on grass species and environmental conditions.



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REMARKS AND PRECAUTIONS

Environmental Hazards: This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of waste. Do not apply when weather conditions favor drift from target area. ✓

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

Do not tank mix FUSILADE 4E with herbicides or other pesticides, with liquid fertilizers or with any other additives except as specified on this label. Sequential application of other herbicides within five days before or after FUSILADE 4E application has sometimes resulted in reduced grass control. ✓

Clean sprayer thoroughly before and after the application of FUSILADE 4E. Failure to clean sprayer thoroughly after application may result in injury to any grass crop subsequently sprayed, including corn, sorghum, small grains, sugar cane, rice and turf. ✓

Avoid drift to all other crops and nontarget areas. Grass crops such as corn, sorghum, small grains, sugar cane, rice and turf are highly susceptible to FUSILADE 4E. ✓

All applicable directions, restrictions, and precautions on the EPA registered label are to be followed. ✓

NONCROP AREAS

FUSILADE 4E herbicide can be used to control grass weeds in areas such as airports, electric transformer stations and substations, pipeline pumping stations, around buildings, storage yards, fence lines, parkways, roadsides, rights-of-way, and other noncropland areas. ✓

NOTE: IF SPRAYING AREAS ADJACENT TO ORNAMENTAL TREES, SHRUBS OR GROUND COVERS: ✓

DO NOT APPLY TO FOLIAGE OF ORNAMENTAL TREES, SHRUBS OR GROUND COVERS UNLESS THEY ARE LISTED IN TABLE I OF THE ORNAMENTAL SECTION OF THIS LABEL. ✓

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For specific rates of application and instructions for control of grass weeds, see the "Directions for Application" section of this label: ✓

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FALLOW LAND

FUSILADE 4E herbicide can be used to control grass weeds during fallow periods. ✓

Do not plant rotational crops other than cotton and soybeans within 60 days after last application. ✓

For specific rates of application and instructions for control of grass weeds, see the "Directions for Application" section of this label. ✓

NONBEARING TREE CROPS, VINES, ASPARAGUS AND JOJOBA ✓

FUSILADE 4E herbicide can be used to control grass weeds in nonbearing groves, orchards or vineyards or for site preparation prior to transplanting. ✓

APPLY AS A DIRECTED SPRAY TO PREVENT CONTACT OF SPRAY WITH FOLIAGE OF TREES OR VINES. ✓

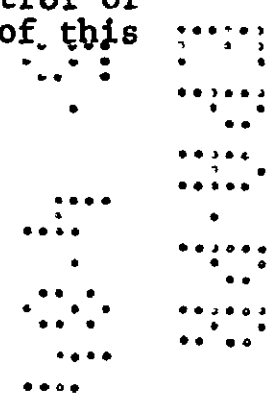
DO NOT APPLY TO TREES OR VINES THAT WILL BE HARVESTED WITHIN ONE YEAR AFTER APPLICATION. ✓

DO NOT APPLY TO ASPARAGUS FROM WHICH SPEARS WILL BE HARVESTED WITHIN ONE YEAR OF TREATMENT. ✓

FUSILADE 4E is recommended on the following nonbearing crops:

- | | | |
|-----------|------------|----------------|
| Almonds | Grapes | Pears |
| Apples | Grapefruit | Pecans |
| Apricots | Jojoba | Pistachios |
| Asparagus | Lemons | Plums |
| Avocados | Limes | Pomegranates ✓ |
| Berries | Macademia | Prunes |
| Cherries | Nectarines | Tangelos |
| Dates | Olives | Tangerines |
| Figs | Oranges | Walnuts |
| Filberts | Peaches | |

For specific rates of application and instructions for control of grass weeds, see the "Directions for Application" section of this label. ✓



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ORNAMENTALS

FUSILADE 4E herbicide can be used to control grass weeds in many newly transplanted and established nongrassy ornamentals, trees, shrubs and ground covers. See the following Tables I and II for specific recommended uses. (USE ONLY NONIONIC SURFACTANT ON ORNAMENTS.)

Application of FUSILADE 4E may be made over-the-top to ornamentals listed in Table I. Apply as a directed spray to prevent contact of spray with foliage of ornamentals listed in Table II.

For specific rates of application and instructions for control of grass weeds, see the "Directions for Application" section of this label.

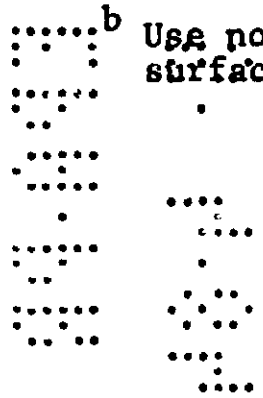
DIRECTIONS FOR APPLICATION

Use 1 pint of FUSILADE 4E and 1 quart of crop oil concentrate or 1/2 pint of a nonionic surfactant per 25 gallons of water. (Use only nonionic surfactant on ornamentals). Apply by ground equipment using 25 gallons of diluted spray per treated acre with 30-60 psi pressure. Spray to obtain thorough coverage of grass foliage, but not to run-off. Repeat treatments may be necessary to provide full-season control. Use standard pesticide hollow cone or flat fan nozzles.

To Treat	To Make This Spray Volume	Add These Amounts				
		FUSILADE	+	Crop Oil ^a Concentrate	or	Nonionic ^b Surfactant
1 acre	25 gal	1 pint	+	1 quart	or	1/2 pint
2 acres	50 gal	1 quart	+	2 quarts	or	1 pint
4 acres	100 gal	2 quarts	+	1 gallon	or	1 quart

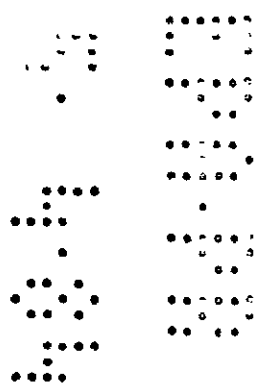
^a Use nonphytotoxic crop oil concentrates that contain 15-20% surfactant. Do not use crop oil concentrate on ornamentals.

^b Use nonionic surfactants that contain at least 75% surface active agent.



Apply FUSILADE 4E to actively growing grasses before they exceed the recommended growth stages shown below:

<u>Grass</u>	<u>Growth Stage</u>
<u>Perennial Grasses</u>	
Johnsongrass (<u>Sorghum halepense</u>)	12-18" tall and before boot stage.
Bermudagrass (<u>Cynodon dactylon</u>)	3" tall or with 4-8" runners.
Quackgrass (<u>Agropyron repens</u>)	3-5 leaves, not more than 10" tall.
Guineagrass (<u>Panicum maximum</u>)	6-12" tall and before seedhead initiation
<u>Annual Grasses</u>	
Barnyardgrass (<u>Echinochloa crusgalli</u>)	
Broadleaf signalgrass (<u>Brachiaria platyphylla</u>)	
Fall panicum (<u>Panicum dichotomiflorum</u>)	
Field sandbur (<u>Cenchrus pauciflorus</u>)	
Foxtail, green (<u>Setaria viridis</u>)	
Foxtail, giant (<u>Setaria faberi</u>)	
Foxtail, yellow (<u>Setaria lutenscens</u>)	
Goosegrass (<u>Eleusine indica</u>)	
Guineagrass, seedling (<u>Panicum maximum</u>)	
Itchgrass (<u>Rottboellia exaltata</u>)	2-8" tall, before tillering and/or heading.
Johnsongrass, seedling (<u>Sorghum halepense</u>)	
Junglerice (<u>Echinochloa colonum</u>)	
Large crabgrass (<u>Digitaria sanguinalis</u>)	
Prairie cupgrass (<u>Eriochloa contracta</u>)	
Red rice (<u>Oryza sativa</u>)	
Shattercane/Wildcane/Volunteer milo (<u>Sorghum bicolor</u>)	
Smooth crabgrass (<u>Digitaria ischaemum</u>)	
Southern sandbur (<u>Cenchrus echinatus</u>)	
Southwestern cupgrass (<u>Eriochloa gracilis</u>)	
Texas panicum (<u>Panicum texanum</u>)	
Volunteer barley (<u>Hordeum vulgare</u>)	
Volunteer corn (<u>Zea mays</u>)	
Volunteer wheat (<u>Triticum aestivum</u>)	
Wild oats (<u>Avena fatua</u>)	
Wild proso millet (<u>Panicum miliaceum</u>)	



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TABLE I

OVER-THE-TOP APPLICATIONS may be applied to the following
ornamentals:

USE ONLY NONIONIC SURFACTANT ON ORNAMENTALS

Alyssum <u>Alyssum spp.</u>	Holly <u>Ilex spp.</u>
Arborvitae <u>Thuja spp.</u>	Japanese snowball <u>Viburnum spp.</u>
Cinquefoil <u>Potentilla spp.</u>	Lilyturf <u>Liriope spp.</u>
Cotoneaster <u>Cotoneaster spp.</u>	O'Connor's legume <u>Trifolium fragiferum</u>
Dogwood <u>Cornus spp.</u>	Periwinkle <u>Vinca minor</u>
Douglas fir ^{1/} <u>Pseudotsuga spp.</u>	Pine ^{1/} <u>Pinus spp.</u> ✓
English Ivy <u>Hedera helix</u>	Privet <u>Ligustrum spp.</u>
Euonymus <u>Euonymus spp.</u>	Rhododendron (excluding Azalea)
Fir ^{1/} <u>Abies spp.</u>	Spruce ^{1/} <u>Picea spp.</u>
Forsythia <u>Forsythia spp.</u>	Yew ^{1/} <u>Taxus spp.</u>
Hemlock ^{1/} <u>Tsuga spp.</u>	

1/ DIRECTED APPLICATION recommended from budbreak, through
initial growth hardening.

NOTICE TO USER:

It is impossible to test every species and variety of ornamental
or nursery plants. Plant tolerance to FUSILADE has been found to
be acceptable in the above specified genera and species. Neither
the manufacturer nor the seller has determined whether or not
FUSILADE can safely be used on plants not specified on this
label. The professional user should determine if FUSILADE can be
used safely prior to use.

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TABLE II (Continued)

Gardenia
Gardenia spp.

Geranium
Pelargonium spp.

Horsechestnut
Aesculus spp.

Impatiens
Impatiens spp.

Juniper
Juniperus spp.

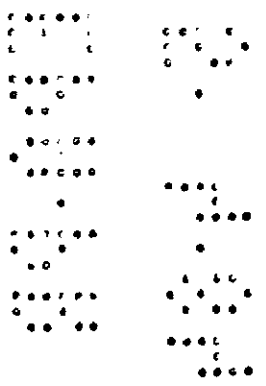
Sweet-gum
Liquidambar spp.

Tulip-tree
Liriodendron spp.

Willow
Salix spp.

Zinnia
Zinnia spp.

✓



NOTICE TO BUYER: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label 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 use conditions, or under conditions not reasonably foreseeable to Seller and Buyer assumes the risk of any such use. Seller disclaims all other warranties expressed or implied including any warranty of fitness or merchantability. 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 exclusive remedy shall be limited to the refund of the purchase price.

Conversion Table

FUSILADE 4E Rate to be Applied

lb ai/A	pints/A	fl oz/A	A/gal
1/8	1/4	4	32
3/16	3/8	6	21.3
1/4	1/2	8	16
3/8	3/4	12	10.7
1/2	1	16	8

FUSILADE 4E contains 4 pounds of active ingredient per gallon.

