

FIREWORXX™

Herbicide



An American Vanguard Company

A FAST-ACTING, NON-SELECTIVE BROADLEAF WEED, GRASS, ALGAE AND MOSS KILLER

Product Information Bulletin

461

GENERAL INFORMATION

FireWorxx™ is a herbicidal soap that contains a fatty acid blend of caprylic and capric acids. The fatty acid soap blend in **FireWorxx** kills weeds, grasses and moss on contact. It is not systemic.

FireWorxx contains 80% active ingredient per gallon.

Common Name: C8/C10 Fatty acid blend

Class: Biopesticide - Soaps

GROUP	M	HERBICIDE
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Packaging: 1 gallon container, 4 per case

RESTRICTED ENTRY INTEVAL (REI) AND SIGNAL WORD

REI = **24 hours**

Signal Word: **Caution**

PERSONAL PROTECTION EQUIPMENT (PPE)

Applicator and other handlers must wear:

- Coveralls worn over short-sleeved shirt and short pants
- Chemical-resistant footwear and socks
- Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride and viton
- Protective eyewear

ADVANTAGES OF FIREWORXX

- Broad-spectrum activity on grassy and broad-leaf weeds, moss and algae
- Flexible rate range from 1%, 3%, 6% or 9%
- Labeled for use in greenhouses, nurseries, landscapes, and outdoor areas
- Fast acting, non-selective
- Excellent fit with IPM and organic programs

FOR ORGANIC PRODUCTION



MODE OF ACTION

FireWorxx kills weeds by disruption of the cell wall membranes and removing protective waxes covering the leaf tissue which results in leaf and stem collapse and dehydration.

USE SITES

Nurseries, and greenhouses including ornamental, food and non-food crops.

Structural and Building Applications: **FireWorxx** controls weeds, grass, moss and algae in and around buildings and structures such as benches, walls, floors, and roofs.

PRODUCT APPLICATION TIPS

FireWorxx mixes well with water. Hard or high alkalinity water may bind up the soap formulation. Use of a buffering agent will correct this.

Apply at 35 to 400 gallons per acre covering all plant parts of the weed(s).

Activity is enhanced when applied during sunny or warm conditions.

Perennial weeds will require the higher rate of 9% and or multiple applications for optimum control.

FIREWORXX MAY BE USED AROUND THE FOLLOWING CROPS

- Bedding plants, flowering plants and foliage
- Bulb, cole and leafy vegetables
- Citrus, pome and stone fruits
- Cucurbit vegetables
- Herbs and spices
- Legumes and fruiting vegetables
- Nuts
- Root and tuber vegetables
- Small fruits and vegetables
- Trees and shrubs

USE METHODS

- Directed and Shielded Sprays
- Harvest Aid and Dessication
- Post-Harvest Spray
- Pre-plant Application
- Vegetative Burndown

APPLICATION RATES

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3% by volume:

For young or newly germinated weeds less than 5 inches tall, moss and algae. Mix 3 gallons per 100 gallons of water or 4 fl. oz. per gallon water.

6% by volume:

For weeds larger than 5 inches, soft growth perennials and grasses. Mix 6 gallons per 100 gallons of water or 8 fl. oz. per gallon water.

9% by volume:

For tough to kill weeds, vines, brush and sucker control. Mix 9 gallons per 100 gallons water or 12 fl. oz. per gallon water.

Tank mixing with other herbicides: use 1% rate to improve efficacy of other herbicides including glyphosate, glufosinate, cyclohexanedione, sulfonyleurea and imidazolinone; can be used to improve control of glyphosate resistant weeds. Observe all the precautions on all tank mix partner labels.

The **FireWorxx** user should adhere to any applicable restrictions on the tank mix product. If the compatibility of the tank mix partner is unknown, mixing a small amount of the products in a clear jar is advised prior to mixing a large tank.

USE RESTRICTIONS

Do not allow **FireWorxx** tank mix to remain longer than 24 hours.

Do not apply **FireWorxx** through any type of irrigation system.

Do not spray onto desirable plants.

Bittercress 1 Day After **FireWorxx** Application



Untreated check

6% solution

Untreated check

3% solution

Use of FireWorxx according to the labeling is subject to the use precautions and limitations imposed by the label affixed to the container of FireWorxx. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Read label directions and cautions before use.

FireWorxx is a trademark of W. Neudorff GmbH KG.

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An American Vanguard Company

5151 McCrimmon Pkwy.
Suite 275
Morrisville NC 27560
Technical Service: 800-356-4647
ohp.com