

BIOWEEDX

(NATURE'S SOLUTION FOR EFFECTIVE WEED CONTROL)

INTRODUCTION:

BioWeedX is a powerful bio-based weedicide that ensures the complete desiccation of unwanted plants. Utilizing the natural herbicidal properties of acetic acid, BioWeedX works by breaking down the cell walls of plants, causing them to dry out and perish. This innovative mechanism ensures that susceptible weeds quickly become discolored and turn brown, providing visible results shortly after application. . The product is recommended to control all growing weeds in lawn, rail roads, walkways, driveways, parking areas, around buildings and weeds growing between crop rows. Choose BioWeedX for a natural, effective, and eco-friendly solution to all your weed control needs.

COMPOSITION:

Component	Content (% w/w)
Acetic acid	: 40.00
Adjuvants	: 60.00

Timing of application: Best results are achieved from applications to actively growing young weeds. Weeds that are mature, dormant, or hardened due to moisture stress are more tolerant of herbicide treatments. For best results spray in full sunshine. Only contacted vegetation will be affected.

MECHANISM OF ACTION:

- 1. Cell Wall Breakdown:** BioWeedX's active ingredient, acetic acid, penetrates the plant cells, disrupting the integrity of cell walls.
- 2. Fluid Leakage:** Once the cell walls are compromised, plant fluids leak out, leading to rapid desiccation.
- 3. Visible Results:** Susceptible weeds begin to show discoloration and browning shortly after application, ensuring quick and efficient weed control.

RECOMMENDATIONS:

Crop	Pests	Doses	Dilution in water (liters)	Diseases Controlled
Root and Tuber vegetables and Leaves of Root and Tuber Vegetables Such as but not limited to carrot, potato, radish, sugar beet, turnip tops, garden beet leaves, sugar beet leaves.	All types of weeds	15 ltrs/Ha	Used undiluted spray	Do not broadcast within the growing crop. Apply only with shielded or hooded spray equipment to weeds growing between crop rows.
Turf and Ornamentals - Such as but not limited to woody ornamentals, potted crops, foliage plants, greenhouses, shadehouses, and any other plant production structure in which the product can be applied without contacting desirable plants.	All types of weeds	15 ltrs/Ha	Used undiluted spray	Applications to weeds in turf will kill surrounding turf.
Bulb Vegetables - Such as but not limited to onion, green onion, shallots and garlic.	All types of weeds	15 ltrs/Ha	Used undiluted spray	Applications to weeds in turf will kill surrounding turf.
Leafy Vegetables - Such as but not limited to celery, head lettuce, leaf lettuce, spinach. Do not broadcast within the growing crop.	All types of weeds	15 ltrs/Ha	Used undiluted spray	Apply only with shielded or hooded spray equipment to weeds growing between crop rows.
Brassica vegetables - Cole crops - Such as but not limited to broccoli, cauliflower, cabbage, collard and mustard greens. Do not broadcast within the growing crop.	All types of weeds	15 ltrs/Ha	Used undiluted spray	Apply only with shielded or hooded spray equipment to weeds growing between crop rows.
Fruiting Vegetables - Such as but not limited to tomato, bell pepper, chili pepper, eggplant and okra. Do not broadcast within the growing crop.	All types of weeds	15 ltrs/Ha	Used undiluted spray	Apply only with shielded or hooded spray equipment to weeds growing between crop rows.
Citrus Fruits - Such as but not limited to orange, grapefruit, lemon and lime. For all fruit crops spray must be directed under the crop canopy.	All types of weeds	15 ltrs/Ha	Used undiluted spray	Application equipment must be hooded or shielded. Any contact with the crop will cause crop injury.
For spot treatment application	All types of weeds	Spray for uniform coverage of target weed.	Used undiluted spray	Direct spray with a single nozzle or a hand-gun applicator to thoroughly wet undesirable weed foliage. Re-treatment of perennial weed growth may be required for control.

BENEFITS:

- **Eco-Friendly:** Derived from natural ingredients, BioWeedX is safe for the environment, pets, and humans.
- **Fast-Acting:** Noticeable weed control effects within hours of application.
- **Non-Selective:** Effective against a wide range of weed species.
- **Safe for Use:** Ideal for use in gardens, pathways, and other areas where chemical herbicides are undesirable.

SAFETY INFORMATION:

- Avoid contact with desirable plants, as BioWeedX is non-selective and may damage or kill any plant it comes into contact with.
- Use protective gloves and eyewear during application.
- Store in a cool, dry place away from children and pets.

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