

ECOWEEDX

(NATURALLY POWERFUL WEED CONTROL)

INTRODUCTION:

EcoWeedX is a highly effective bio-based weedicide designed to provide robust weed control using the natural herbicidal properties of Ammonium Monoate, a naturally-occurring fatty acid. This broad-spectrum contact herbicide is suitable for use on a variety of unwanted plants, including grasses, vines, underbrush, and both annual and perennial weeds. EcoWeedX ensures effective and environmentally responsible weed management.

COMPOSITION:

Component	Content (% w/w)
Ammonium monoate	: 40.00
Adjuvants	: 60.00

MECHANISM OF ACTION:

EcoWeedX works by leveraging Ammonium Monoate's natural ability to disrupt plant cell membranes, causing rapid desiccation and death of the plant. This contact herbicide acts quickly upon application, ensuring visible results in a short period.

RECOMMENDATIONS:

Usage Areas:

- **Dormant or Post-Harvest Spray:** Apply after crops are harvested to kill weeds and residual green growth of the crop plants. Also, apply to dormant crops such as alfalfa or turf.
- **Vegetative Burndown:** Broadcast spray for weed control for no-till planting or seedbed preparation to control weeds prior to seeding or transplanting. Spot sprays may be used in crops, ornamentals, pastures, and turf.
- **Desiccation and Harvest Aid:** Apply only when the crop is ready to harvest and green crop leaves or weeds interfere with harvest. Spray as a broadcast application over the crop and weeds for rapid desiccation of green plant growth to facilitate harvest. Use as a harvest aid for cotton, potatoes, and other root, tuber, and bulb vegetables.
- **Directed and Shielded Sprays:** Use a spray nozzle type or configuration for directed spray, or use a shield around the nozzle to prevent spray contact on the foliage or green stems or bark. Ideal for applications between plastic mulch strips and staked crops for weed control.

- **Preemergence Spray:** Apply before seeds germinate and emerge, and before perennial plants, tubers, bulbs, or seed pieces sprout and emerge. Make application before new growth emerges.
- **Sucker Control, Pruning, and Trimming:** Direct sprays to kill small tender basal suckers in crops such as brambles and fruit trees.
- **Industrial and Building Uses:** Apply to weeds in walkways, driveways, parking areas, and around buildings or structures. Broadcast or spot sprays may be applied to open field areas and rights-of-ways.

Weeds controlled or suppressed:

Broadleaf Weeds: Algae, Bittercress (hairy), Chickweed (common), Chickweed (mouse-ear), Cocklebur (common), Corn spurry, Cudweed (purple) Groundsel, Lambsquarters (common), Liverwort, Maretail or Horseweed rosettes, Morningglory (annual), Moss, Mustards, Oxalis or Woodsorrel, Pansy (wild), Plantain, Pigweed (smooth and redroot), Mallow (roundleaved), Moneywort, Shepherdspurse, Sorrel (sheep), Spurge (spotted), Field pennycress, Velvetleaf.

Grass and Other Weeds: Bentgrass (colonial), Bluegrass (annual), Crabgrass (large), Fescue (creeping red), Fescue (hard), Nimblewill, Onion (wild), Ryegrass (perennial), Star-of-Bethlehem.

APPLICATION RATES:

- Use a 6 to 8 % V/V spray solution for control of annual weeds of 1 inch height or less and for control of liverworts and mosses.
- Use an 8 to 10% V/V spray solution for control of annual weeds over 1 inch height and up to 4 inch height.
- Use a 10 to 13% V/V spray solution for weeds over 4 inch height and for hard to control weeds.
- A 15% V/V spray solution is the maximum labeled rate. Use this rate for hard to control perennial weeds or extremely dense weed growth.
- For persistent weeds or dense infestations, reapply as needed to ensure complete eradication.

APPLICATION PRECAUTIONS:

- Do not apply to weeds when wet from dew, rain, or water.
- Avoid watering the treated area within 2 hours after application.
- Do not apply if rainfall is expected within 2 hours.

BENEFITS:

- **Eco-Friendly:** Derived from natural ingredients, EcoWeedX 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 EcoWeedX 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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