



Bronco[®] MA-X

Product Overview – Broadleaf Weed Control

- BRONCO[®] MA-X is a post-emergent broadleaf weed herbicide, registered for use on a range of established turfgrass species including Couch, Qld Blue Couch, Kikuyu, Paspalum, Buffalo, Fescue, Bent and Ryegrass
- BRONCO[®] MA-X contains 280 g/L bromoxynil and 280 g/L MCPA to provide a 28.5% stronger formulation over products with the same active ingredients
- BRONCO[®] MA-X contains both contact and systemic activity to provide more effective weed control
- BRONCO[®] MA-X controls broadleaf weeds quickly, with visible results achieved in 7-14 days
- BRONCO[®] MA-X can be tank mixed with grass weed control herbicidal options to provide a single pass solution.

Mode of Action

GROUP **CI** HERBICIDE

Bromoxynil, is a fast-acting nitrile herbicide that works on contact by inhibiting photosynthesis in the target plants. The compound is readily absorbed into leaves with little to no downward movement to other plant parts. Susceptible weeds quickly die from the build up of molecules that destroy cell membranes.

MCPA is a hormone-type selective herbicide in the phenoxy category. MCPA provides systemic activity through leaf and root absorption. Translocation occurs, with accumulation at the meristematic regions of shoots and roots leading to uncontrolled growth, twisting, thickening, elongation, and eventually death as the weed literally grows itself to death.

How to get the best results from BRONCO[®] MA-X

To enhance movement of BRONCO[®] MA-X's active ingredients into the plant, it is recommended that it be mixed with Raizer[®] 700 Surfactant at a rate of 250 - 500 mL/100 L of water.

For optimum results it is best to apply to actively growing weeds. Ideally, do not mow the turf for 2 days prior to and following the application. Fertilisation should be avoided following application for a period of 2 weeks.

Use Rates

Boom Application - 4.3 L/Ha in 500 L of water per hectare – Registered for control of a range of broadleaf weeds including Bindii, Capeweed, Catsear, Plantain, Cudweed, Dandelion, Fleabane, Creeping Buttercup, Clover and Oxalis.

Knapsack Application - 43 mL/100 m² in 15 L of water.

Power Sprayer - 215 mL/500 m² in 100 L of water.

In warm conditions (temperatures over 30 degrees) application of BRONCO[®] MA-X may cause browning of turf, particularly to *Paspalum* sp.



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Application Recommendations

Boom Sprayer: Calibrate the machine before use to ensure that the correct application rate is obtained. Check height of boom above the turf to ensure that the spray is evenly distributed. Wash the spray equipment thoroughly after use. Apply a minimum of 500 L of water per hectare.

DO NOT apply if rain is expected within three hours of application, as efficacy may be impacted.

Compatibility

BRONCO® MA-X is compatible with dicamba, MCPA, chlorpyrifos and diclofop methyl. When mixed with diclofop-methyl, DO NOT exceed 1 L per hectare. As formulations of other manufacturers' products are beyond the control of Adama Australia Pty. Ltd. all mixtures should be tested prior to mixing commercial quantities.

Features and Benefits

Features	Benefits
High loading formulation	Lower use rates, less drums, less waste
Multiple modes of action	More effective weed control
Good safety to a range of turf species, in particular Buffalo	One product will cover a large range of turf species
Knocks over weeds in 7 - 14 days	Quick results
Targets key turf weeds	Reliable, one pass solution
Cost effective.	Can be used in broadacre turf applications.



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