

Buctril[®] MC

“Tough on weeds, soft on crops - for bountiful harvest”

Buctril[®] MC is a selective post emergence broad spectrum herbicide for control of broad leaf weeds in wheat, barley, oats and maize.

Active Ingredient

Buctril[®] MC is a combination product of two active ingredients: Bromoxynil Octanoate 225g/l and MCPA Ethyl Hexyl Ester 225g/l, belonging to the nitrile and phenoxy group of herbicides.

Mode of Action

Bromoxynil is a selective contact herbicide with some systemic activity. It is used for post emergence control of annual broad leaf weeds, especially young seedlings of Polygonaceae, Compositae and certain Boraginaceae in cereals, maize and other crops. Often, it is used in combination with other herbicides to extend the spectrum of control.

MCPA is a selective, systemic, hormone type herbicide, absorbed by the leaves and roots. It concentrates in the meristematic regions where it inhibits the growth. It is used for post emergence control of annual and perennial broad leaf weeds in cereals and other crops.

Special Features

Buctril[®] MC

- Tough on weeds and soft on crops
- Broad spectrum control of annual broad leaf weeds
- Wide application window from 2nd leaf to 2nd node
- Early weed control when the crop is most vulnerable
- Fast action on weeds
- Safe on recommended crops
- Proven world performance over many years

Weeds Spectrum

The following weeds will be controlled upto four true-leaves stage.

Gallant Soldier (*Galinsoga parviflora*)
May Weeds (*Matricaria spp.*)
Wild Radish (*Raphanus raphanistrum*)
Black Bindweed (*Polgonum convolvulus*)
Sheeps Sorrel (*Rumex acetosella*)
Black Nightshade (*Solanum nigrum*)
Fat Hen (*Chenopodium album*)
Pig Weed (*Amaranthus album*)
Charlock (*Sinapis arvensis*)
Rape (*Brassica napus*)

Annual Sow Thistle (*Sonchus oleraceus*)
Mexican Poppy (*Argemone mexicana*)
Devils' Thorn (*Emex australis*)
Chinese Lantern (*Nicandra physalodes*)
Mallow (*Malva verticillata*)
Knot Grass (*Polygonum aviculare*)
Redshank (*Polygonum persicaria*)
Mexican Marigold (*Tagetes minuta*)
Naivasha Weed (*Conyza stricta*)
Wandering Jew (*Commelina beghalesis*)

Note: Buctril[®] MC should not be recommended where the following weeds are dominant; Cleavers (*Galium aparine*) and Spurrey (*Spergula arvensis*).

Buctril[®] MC will not control perennial weeds such as creeping thistle and perennial sow thistle .





Rates

Use 1.25 litres per hectare (0.5 litres per acre).

Ground Application:

Water Volume

The recommended spray volume is 150-200 litres per hectare.

Mixing

Add the required amount of **Buctril® MC** to clean water in the spray tank. Ensure thorough mixing before spraying.

Application

Best results will be obtained by early spraying when most of the weeds are in the young seedling stage and actively growing (Four leaves stage).

Aerial Application - Cereals Only

Buctril® MC is suitable for aerial application, using a water volume of at least 30 litres per hectare. The droplet density should be between 40-60 droplets/cm² with a droplet size of between 350-400 microns. Spraying should be discontinued if wind speed exceeds 15km/h. Obtain assurance from the pilot that these requirements are met.

Timing

As it is with all herbicides, the best results are achieved when the application is during favourable growing conditions for both the crop and the weeds. Weeds should not be larger than the specification indicated against each crop. The canopy should not be dense so as to allow a thorough herbicide penetration.

- Wheat and Barley - Apply the product from three leaves stage up to but not beyond the jointing stage.
- Oats - Apply the product from the fourth to fifth leaf stage up to but not beyond the jointing stage.
- Maize - **Buctril® MC** should be applied from the fourth to ninth leaf stage of the crop using a knapsack or tractor mounted boom sprayer.

Best results are achieved by spraying early, when most of the weeds are in the young seedling stage. Complete coverage of weeds is essential. Definite symptoms of weeds necrosis commence two days after application with eventual death within two weeks.

Adjacent Crops

Herbicide drift to the crop other than the crop for which the application is intended could be injurious. Every effort should be made to prevent such a drift.

Cereal Under Sown with Grasses for Pasture

It is recommended that **Buctril® MC** be applied when both the cereals and the under sown grasses are beyond the four leaves stage and before the crop reaches the jointing stage.



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Note: Pesticide users are reminded to read and follow the instructions on the product label for details of pesticide use before application at all times.

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