

Maestro[®] Advanced

Selective Broadleaf Herbicide



HERBICIDE

PROFILE

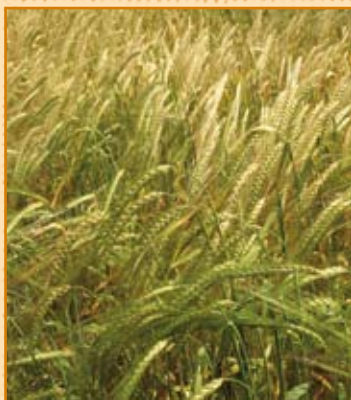
Maestro[®] Advanced is an emulsifiable concentrate post-emergent herbicide that offers control of tough broadleaf weeds in several cereal crops including wheat, barley, oats, rye and flax. Maestro Advanced can also be applied to grasses grown for seed or sod production.

ADVANTAGE

Maestro Advanced herbicide offers growers a reliable pre-mix to effectively control more than 40 tough broadleaf weeds without jeopardizing crop safety. Maestro Advanced can be used as a stand-alone product or in tank mix combinations with other products including broadleaf herbicides, grass herbicides, insecticides or sprayable liquid fertilizers. The patented mixed ester of bromoxynil allows for high-load concentrate formulations with excellent storage characteristics and exceptionally fast weed control.

VALUE WITH A DIFFERENCE

Nufarm Americas Inc. has actively been in the development and marketing of pesticide technology for many years with R&D efforts backed by sound resources as a global leader. Specific to this type of nitrile herbicide, Nufarm Americas Inc. has been manufacturing and selling formulated products globally for a number of years with excellent grower savings and effective weed control.



Maestro Advanced contains bromoxynil and MCPA, the active ingredients used in Bronate[®] Advanced.

Active Ingredients: 36.8% bromoxynil (2.5 pounds of bromoxynil per gallon) and 40% MCPA (2.5 pounds MCPA per gallon).

Case and Container Size: 2x2.5 gal/case – 36 cases /pallet; 30 gallon drum – 5 drums per pallet; 250 gallon tote.

FEATURES & BENEFITS

Features	Benefits
Control of more than 40 tough broadleaf weeds.	Provides growers with an opportunity to address various weed problems with a single proven product.
Contains a proprietary mixed-ester formulation of bromoxynil.	Allows for a stable, highly concentrated product with the highest levels of broadleaf weed activity for bromoxynil compared to the older single ester technology.
No weed resistance issues.	Provides growers with a solution to weed resistance concerns.
Selectivity allows for a broad application window.	Maestro Advanced allows for product usage at varying growth stages without having to drastically alter weed-control program.
Flexible application options.	Can be applied by ground or aerial application or through sprinkler irrigation equipment, giving growers the option to select specific application techniques.
Compatibility with numerous other grass and broadleaf herbicides	Allows users the flexibility to expand weed control based on existing pressure.
Proven active ingredients in a patented formula.	Perfectly suited to modern weed control requirements.
No re-cropping restrictions.	Provides the ability to plant what you want, when you want, while still receiving the weed control you need.

MODE OF ACTION

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.



GENERAL INFORMATION

Key Broadleaf Weeds Controlled

Annual sowthistle	Eastern black nightshade	Lanceleaf sage	Silverleaf nightshade
Black mustard	Coast fiddleneck	London rocket	Sunflower
Black nightshade	Field pennycress	Marshelder	Tall waterhemp
Common cocklebur	Green smartweed	Pennsylvania smartweed	Tartary buckwheat
Common lambsquarters	Hairy nightshade	Pepperweed spp	Tumble mustard
Common tarweed	Horned poppy	Redroot pigweed	Wild buckwheat
Cow cockle	Jimsonweed	Russian thistle	Wild mustard
Cutleaf nightshade	Ladysthumb	Shepherdspurse	Yellow rocket

See label for complete weed listing.

Application Methods: Ground Application, Aerial Application, and Sprinkler Irrigation.

General Application Timing and Rates: (See label for specific information regarding growth stage, tank mixture instructions and specific comments.)

- Post-emergence application of Maestro Advanced herbicide will control weeds when sprayed in the seedling stage up to 4 inches in height depending on species, timing and application rate
- Rate: 3/5 – 1 3/5 pints per acre.
- Rotation Restrictions - Do not plant rotational crops within 30 days following application of Maestro Advanced.

Other Information:

- Maestro Advanced is primarily a contact herbicide; therefore thorough coverage of the weed seedlings is essential for optimum control.
- Maestro Advanced has little residual activity, and subsequent flushes of weeds will not be controlled by the initial treatment.

For more information about Maestro® Advanced from Nufarm Americas Inc. visit www.nufarm.com/US or see your Nufarm retailer or representative.

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PIB.0808.Maestro Advanced
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Always read and follow label directions carefully.