

BARLEY

General Information

PRE-HARVEST INTERVALS: Do not use treated crops for grazing of livestock or green feed until 30 days after application of LOGIC M. Do not cut treated crops for forage until 30 days after application of LOGIC M. Withdraw meat animals from treated fields at least 3 days before slaughter. For handharvesting of corn (field and sweet), re-entry is not permitted until 15 days after application. As such, a preharvest interval (PHI) of 15 days after application is required.

TIMING: For best results, spray when weeds are in the seedling stage. Apply in good growing conditions. Application must be made before the crop shields the weeds. Do not apply more than once per season.

RAINFAST INFORMATION: Rainfall within 1 hour of application of LOGIC M with some tank mix partners may reduce effectiveness. For tank mixes, consult the label(s) of the tank mix partner(s) and observe the longest (most restrictive) rainfast period of the products involved in the tank mix.

Field Sprayer Application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) coarse classification. Boom height must be 60 cm or less above the crop or ground.

FOR AERIAL APPLICATION (wheat, barley and oats only):

Aerial Application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply when wind speed is greater than 16 km/h at flying height at the site of application. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) coarse classification. To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length MUST NOT exceed 65% of the wing- or rotorspan.

Aerial Application Instructions

Apply only by fixed-wing or rotary aircraft equipment which has been functionally

and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of the label.

Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on the label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

Use Precautions

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

Do not apply to any body of water. Avoid drifting of spray onto any body of water or other nontarget areas. Specified buffer zones should be observed.

Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist). Do not apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. Do not spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelter-belt) or aquatic habitat.

HERBICIDE RESISTANCE MANAGEMENT:

For resistance management, please note that LOGIC M is a Group 4 and 6 herbicide. Any weed population may contain or develop plants naturally resistant to LOGIC M and other Group 4 and 6 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist.

Appropriate resistance-management strategies should be followed.

To delay herbicide resistance:

- Where possible, rotate the use of LOGIC M or other Group 4 and 6 herbicides with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group when such use is permitted.
- Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical), cultural, biological and other chemical control practices.
- Monitor treated weed populations for resistance development.
- Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact Interprovincial Cooperative Ltd. at 1-204-233-3461.

Refer in the label for tank mix information.

Limitations, Restrictions, and Exceptions

BARLEY

(not underseeded to legumes)

LOGIC M USED ALONE

SPRAY VOLUME & PRESSURE: Apply in NOT LESS than 50 litres of water per hectare at a pressure of 275 kPa.

TIMING: The crop may be treated from the 2-leaf until the early flag leaf stage.

Method

[Broadcast/Foliar Air](#)

Rates

[field_rates 0](#)

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Restricted Entry Interval

24 hours

Timings

[The crop may be treated from the 2-leaf until the early flag leaf stage.](#)