

FACT SHEET

Frequency® Herbicide

Powerful new in-crop control of problem broadleaf weeds

Frequency Herbicide will give barley and wheat (including durum) growers an effective new tool to help manage hard-to-kill broadleaf weeds, with versatility in tank-mixing options to tailor solutions for specific weed sizes, spectrums and resistance issues.



- Matches the industry standard for control of hard-to-kill broadleaf weeds like wild radish, bifora, capeweed, fumitory, fleabane
- Tank-mix partners' rates can be 'dialled up' to suit weed spectrum in selected areas
- Excellent compatibility, allowing customised mixtures to control target grass weeds and manage resistance issues
- Favourable plantbacks compared to other Group H herbicides provide maximum flexibility for crop rotations
- Treated weeds will show symptoms in 3–7 days and will usually die in 18–28 days

Crop registrations

Wheat (including durum) and barley

Herbicide MOA group

Group H (HPPD inhibitor)

Application method

Ground spray only

Application rate

200 mL/ha + 1% Hasten + tank-mix partner (MCPA or bromoxynil)

Plantbacks

6 weeks: wheat (including durum), barley, maize

4 months: canola, cotton, grain legumes, safflower, sorghum, sunflowers

Weed registrations**Control**

Bifora	Shepherd's purse
Black bindweed/climbing buckwheat	Annual sowthistle/milk thistle
Capeweed	Stinging nettle
Charlock	Sub clover
Deadnettle	Tares/vetch
Fleabane	Turnip weed (<i>R. rugosum</i>)
Fumitory (<i>F. densiflora</i>)	Wild radish
Pimpernel	Wireweed

Suppression

Seed-set in wild oats in northern NSW and Queensland cropping zones where *Avena sterilis* is dominant in the targeted population.

Frequency[®]

Herbicide

How and when to use Frequency

Rate 200 mL/ha + 1% Hasten
+ the selected tank-mix partner (MCPA or bromoxynil) at an appropriate rate for the targeted weed size and spectrum.

Method

Ground application in a spray volume of 80–150 L of water per hectare using standard boom-spraying equipment. The use of a nozzle that will deliver a medium spray quality is recommended.

Coverage

Frequency is a foliar-absorbed contact herbicide with limited translocation, so achieving good spray coverage is essential for optimal results. In advanced or dense weed infestations and/or dense crop canopies, increase the water volume to ensure adequate coverage of target weed.

Tank-mixing

Frequency is physically compatible with Axial*, bromoxynil (including Bromicide* 200, Bronco* 200, Genfarm* Bromo 200, Titan* Bromoxynil 200), Jaguar*, MCPA LVE (including Polo* 570 LVE, Nufarm LVE Agritone*, Nufarm Agritone* 750, Genfarm* MCPA LV 570 Herbicide, Titan* LVE MCPA 570, Adama MCPA LVE 570 EC), metsulfuron (Ally*, Associate*), Sencor* 480 SC, Tigrex* and Topik* 240 EC.

Trials have shown mixtures with picolinofen or diflufenican can cause foliar burn without affecting crop yield.

Frequency is physically compatible with Easy N* (UAN) liquid fertiliser, however application may result in transient crop burn.



Timing

From 2-leaf (Z12) or 3-leaf (Z13) depending on the tank-mix partner, through to Z31 (first node at least 1 cm above tillering node).



Resistance management

Frequency is a Group H herbicide. There is no resistance identified yet in Australia, however resistance has been confirmed globally to Group H herbicides. Frequency should always be used as part of an integrated weed management (IWM) strategy. Using different modes of action in rotation with non-chemical control methods is essential to help keep herbicides viable for longer.

For more information on Frequency, visit crop-solutions.basf.com.au or contact BASF on **1800 558 399**

ALWAYS READ AND FOLLOW LABEL DIRECTIONS BEFORE USING ANY PRODUCT IN THIS FACT SHEET.

This fact sheet is intended as general advice. The information submitted in this publication is based on current BASF knowledge and experience. In view of the many factors that may affect its application, this data does not relieve the user from carrying out their own tests. The data does not imply assurance of certain properties or of suitability for a specific purpose. It is the responsibility of the user to ensure that any proprietary rights and existing laws and legislation are observed.