

FACT SHEET

Basta® herbicide in sugarcane

Knockdown of the toughest weeds with excellent crop safety.

Basta is a non-selective knockdown herbicide registered to control a large range of grass and broadleaf weeds in sugarcane. As an alternative to glyphosate, Basta uses a different mode of action that is very effective against problem weeds like Guinea grass and provides an exceptionally high level of crop safety.



- Extremely effective against Guinea grass and other major grass weeds in sugarcane.
- Excellent control of many tough broadleaf weeds, especially vine weed species.
- Limited translocation offers a higher level of crop safety than systemic herbicides like glyphosate.
- Compatible with most commonly used pre-emergence herbicides.

Application method

Directed or shielded spraying

Harvest WHPs

Harvesting: 16 weeks

Grazing: 16 weeks



How and when to use Basta

Rates	Directed spraying:	1.0 to 3.0 L/ha
	Shielded or hooded spraying:	1.0 to 5.0 L/ha

Check the Basta label for the recommended rate for specific weed species. Note that weeds under stress are harder to kill and may require higher rates.

Keep application volumes high with sufficient water to cover the whole of the weed. **Typically this will require at least 300 L/ha.**

Method

Basta has very limited movement (translocation) in plants, with minimal uptake through cane stalks. This means that crop safety can be maximised by using directed, shielded or hooded application to minimise spray contact with green plant material or growing tips.

Use nozzles that deliver coarse to very coarse droplets and minimise drift while ensuring complete coverage of weeds. Using an Irvin spray boom with a bar at the front of the boom to knock down taller weeds may help ensure good coverage and increase performance.

It is critical that the applied mixture stay moist on the weed leaf surface for as long as possible to allow for maximum uptake. Use high volumes (big nozzles, big droplets, low pressure) so that droplets are bigger. Bigger droplets dry slowest. Make sure there will be high humidity for at least the first 20–30 minutes after spraying. Avoid drying winds which will reduce drying time.

Timing

Directed spraying

Plant cane – Do not apply earlier than just prior to ‘out of hand’ stage. Do not spray cane spindle.

Ratoon cane – Cane shoots should be at least 1 m high (or 20 cm to the youngest dewlap).

Shielded or hooded spraying

Can be used at all crop stages provided contact with sugarcane plants is prevented.

Do not apply if rain is expected within 6 hours following application.

Manage irrigation scheduling to avoid wash-off.

Resistance management

Basta is a Group N herbicide which kills weeds by disrupting the production of glutamine synthetase. To help slow the development of resistance, it should be used in rotation with herbicides from different mode-of-action groups.



For more information on Basta, visit crop-solutions.basf.com.au or call **1800 558 399**

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

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