

FACT SHEET

Sharpen® herbicide for pre-plant burndown

Exceptionally fast burndown of hard-to-control weeds

Sharpen is a fast-acting, versatile broadleaf herbicide that has given farmers a powerful extra control option for the most difficult broadleaf weeds in cropping systems and cut down burndown times and re-grazing intervals in pasture and feed crops.



- Faster burndown of over 60 weeds in tank-mixes with all formulations of glyphosate.
- Excellent control of major broadleaf weeds, including triazine-resistant chickweed, nightshade and fathen.
- No need to decontaminate the spray rig.
- Favourable environmental, toxicological and ecotoxicological profiles.

Registration

Pre-plant burndown:
Seedbed preparation
Conservation tillage
Pasture renovation

Application methods

Ground spray only

WHPs

Pasture: Do not graze or cultivate for 2 days after treatment of annual weeds or for 3 days if perennial weeds are present



Untreated



Sharpen + Hasten + glyphosate

Sharpen®

Herbicide

How and when to apply Sharpen for burndown

Rates Sharpen 25 g/ha + Hasten + glyphosate at label rates

Method

Use sufficient water volumes to ensure good coverage of target weeds – at least 150 L/ha.

Timing

Use no more than 2 applications at least 21 days apart before sowing using the plantback timings listed below.

Crop plantback for pre-plant Sharpen + glyphosate use

Application situation	1 day	1 week	3 weeks	4 weeks
Bare soil, stale seedbed (<80% ground cover)	Cereals Grasses Maize Sweetcorn Peas Squash		Other legumes	Forage brassicas Carrots Onions
Pasture renewal (>80% ground cover)	Cereals Grasses Maize Sweetcorn Peas Squash	Forage brassicas Carrots Onions Potatoes Other legumes		

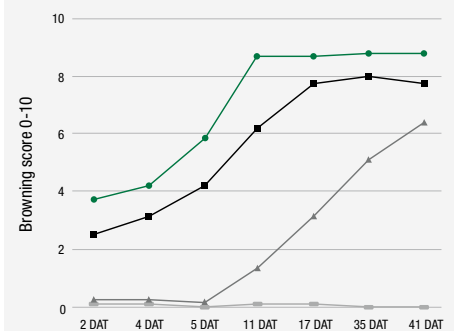
For crops not specified such as tomatoes (56 days if bare soil), fodder beet (42 days if bare soil), a soil sample must be checked for suitability for planting by means of a germination test prior to full planting. Check the label of any other partner mixed with Sharpen to determine any other plantback periods or restrictions on use.

Resistance management

Sharpen is a Group E herbicide. To minimise the risk of resistance to Sharpen developing, use Sharpen strictly in accordance with the label Directions for use. Sharpen should be used as part of a program that includes herbicides with different modes of action. Refer to the NZCPR website – resistance.nzpps.org – for more detailed information.



Pre-plant burndown



● Sharpen 25 g/ha + glyphosate 360 4 L/ha + Hasten 500 mL/ha
 ■ Carfentrazone 75 mL/ha + glyphosate 360 4 L/ha + Li 1000TM mL/ha
 ▲ glyphosate 360 4 L/ha + Li 1000 mL/ha
 — Untreated

5 rep trial Lincoln, Canterbury 2016

For more information on Sharpen, visit crop-solutions.basf.co.nz or call **0800 558 399**

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

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