

Sharpen®

Herbicide

FACT SHEET

Cleaning up after harvest, preparing for autumn/winter sowing

The systemic activity of Sharpen®, unique in Group 14 herbicides, makes it very useful for cleaning up broadleaf weeds amongst crop stubble. Fast-acting and versatile, Sharpen speeds up weed burndown allowing quick planting of winter cereals and greenfeed grasses.



- 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.
- Systemic activity promotes more robust control.
- No need to decontaminate the spray rig.
- Favourable environmental, toxicological and ecotoxicological profiles.

Mode of action

Group 14 Protoporphyrinogen oxidase inhibitors (PPOs)

Registration

Pre-plant burndown in seed bed preparation and conservation tillage or pasture renovation

Application methods

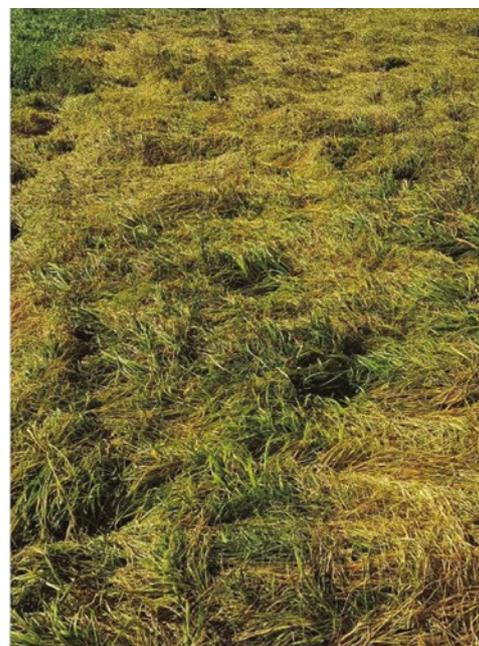
Ground spray only

WHP

Grazing or cultivating should be delayed 2 days to allow sufficient uptake of glyphosate



Untreated



Sharpen + ESO* + glyphosate

*Esterified seed oil

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How and when to use Sharpen for burndown

Rate	Sharpen 25 g/ha + Esterified seed oil (ESO) + glyphosate at label rates.
Method	Use sufficient water volumes to ensure good coverage of target weeds – at least 150 L/ha.
Timing	Apply after harvest, prior to resowing a winter cereal or winter greenfeed grass.

Crop plantback following pre-plant use of Sharpen + ESO + glyphosate

Cereals and grasses can be planted 1 day after Sharpen has been applied. Wait at least 3 weeks before oversowing clover in a pasture setting, unless there is more than 80% ground cover at application when clover plant back is 1 week.

Crop	
Cereals	1 day
Grasses	1 day
Peas	1 day
Other legumes	21 days*

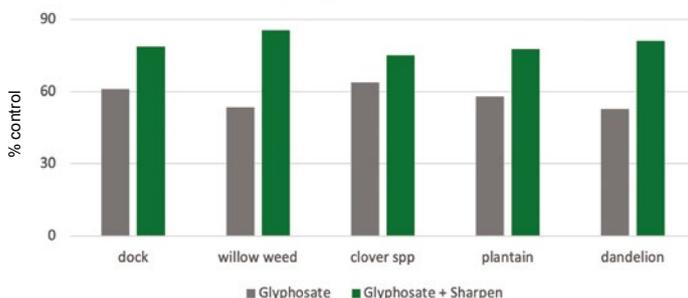
For other crops check the label or use a germination test on a sample to confirm that the soil is ready before full planting. Check the label of any other partner mixed with Sharpen to determine any other plantback periods or restrictions on use.

Resistance management

Resistance to Sharpen and other MoA Group 14 herbicides could develop through excessive use. Use strictly in accordance with label instructions and in a herbicide programme that incorporates other MoA groups. Refer to the NZCPR website www.resistance.nzpps.org for more detailed information.

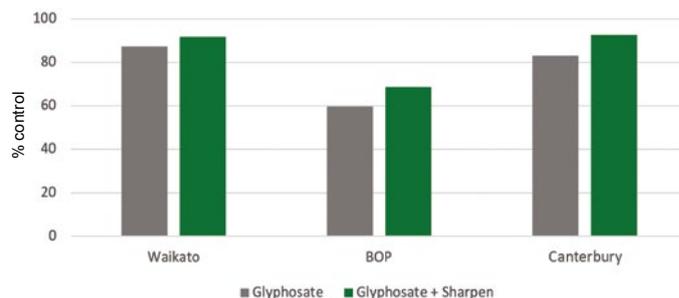
Brown down of broadleaf weeds (%)

7 days after application



Brown down of pasture (%)

7 days after application



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on **1800 558 399**.

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

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