

THE SHARPEST PASTURE BURNDOWN SOLUTION



SHARPEN® is the most successful herbicide launched worldwide in the past 20 years.
Now proven in New Zealand.

A FARMER'S GUIDE

SHARPEN® 
POWERED BY **KIXOR®** HERBICIDE

Faster. Longer. Broader Control

WE CREATE CHEMISTRY

SHARPEN® is the only herbicide in New Zealand to contain KIXOR®. KIXOR® is BASF's unique and powerful active ingredient from entirely new chemistry. It's powerful enough to provide increased broad spectrum control of previously hard-to-control broadleaf weeds.

HOW IT WORKS

KIXOR® is a potent PPO enzyme inhibitor and thus is a Group E herbicide. It rapidly causes bleaching and desiccation of susceptible weeds, and symptoms are often visible within hours of application. Being a Group E herbicide SHARPEN® is an ideal mixing partner with glyphosate, a Group G herbicide, to increase speed of burndown, broaden the weed spectrum and to combat resistance, especially within groups including fleabanes, amaranths, plantains and wild radish.

Mixed with glyphosate, SHARPEN® is a proven solution for rapid pasture burndown and glyphosate resistant weeds.

PROVEN IN NEW ZEALAND!

“Sharpen® works for me. Burndown performance is outstanding. Fast, long lasting and the withholding period for grazing's just two days – magic!”

John Austin – Agricultural Contractor Te Awamutu

“Sharpen® is an amazing herbicide for pasture burndown and there's no need for tank decontamination – it's a winner!”

Grant McMaster – Farm Manager Queenstown

KEY BENEFITS

1. Broader spectrum and faster burndown in mixture with glyphosate
2. Compatible with all formulations of glyphosate providing complementary activity
3. Crop rotational flexibility after burndown – plant ryegrass or cereals after 24 hours
4. No need for tank decontamination
5. Short withholding periods for grazing (2 days) and slaughter (14 days)
6. No milk withholding period

A REMINDER FOR MAIZE GROWERS!

SHARPEN® can be used very effectively with herbicides such as acetochlor for pre-emergence weed control in maize and sweet corn. Details on our website.

WEEDS CONTROLLED

SHARPEN® at 25 g/ha with Hasten™ at 500 ml/100 litres adjuvant and glyphosate at label rate

Amaranthus spp	Apple of Peru	Bindweed, field
Bindweed, pink	Cress, bitter	Buttercup, creeping
Buttercup, giant	Buttercup, hairy	Buttercup, small flowered
Calandrinia	Cape daisy	Catsear
Chamomile, rayless	Chamomile, scentless	Chickweed
Chickweed, annual mouse-ear	Chicory	Cleavers
Clover, red	Clover, white	Cornbind
Cress, twin	Cress, yellow creeping	Cudweed, Jersey
Cudweed, purple	Dandelion	Dead-nettle, red
Dock, broad-leaved	Dock, climbing	Dock, fiddle
Fathen	Field pansy	Fleabane, broad-leaved
Fleabane, Canadian	Fumitory	Hawksbeard
Hemlock	Henbit	Mallow, small flowered
Mallow, creeping	Mallow, larged flowered	Mayweed, stinking
Nettle	Nightshade, black	Nightshade, hairy
Nightshade, woolly	Oxalis, fishtail	Oxalis, pink
Plantain, narrow-leaved	Plantain, broad-leaved	Redroot
Speedwell, field	Speedwell, scrambling	Spurrey (Yarr)
Staggerweed	Shepherds purse	Tall willow herb
Thistle, nodding	Thistle, scotch	Thistle, sow
Water pepper		

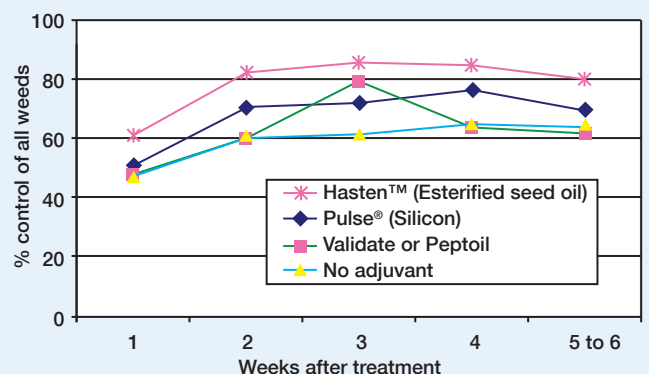
And other weeds as per the glyphosate label

In mixture with glyphosate, SHARPEN® will increase the speed of burndown, particularly on large leaved weeds like dandelion. SHARPEN® is not antagonistic when used in mixtures with glyphosate thus all the weeds glyphosate normally controls will also be controlled.

What is the best adjuvant for use with SHARPEN® + glyphosate?

International literature recommends the use of a suitable adjuvant with SHARPEN®, specifically esterified canola oil such as Hasten™ or an organo-silicon surfactant is preferred. The wide range of comparisons in the trials below supports this recommendation. Mineral oils tested were less effective than Hasten™.

Influence of adjuvants on SHARPEN® + glyphosate efficacy (n=9 to n=16 depending on assessment time)



For more information about SHARPEN® contact your local rural merchant.

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HARMFUL: Keep Out of Reach of Children



150 years

The BASF logo, consisting of a blue square with a white dot inside, followed by the word "BASF" in a bold, white, sans-serif font.

We create chemistry