

Put a little shine in your spray

Saffire® overview

Saflufenacil is not new to the Australian market; Conquest is bringing this proven but overlooked active back into focus. Conquest Saffire® is Australia's first registered standalone saflufenacil emulsifiable concentrate (EC) formulation. Saffire offers the highest EC concentration currently available at 250 g/L.

Saflufenacil is a Group 14 (G) that is most notably used as a knockdown spike partner with glyphosate or paraquat.

Saffire® was developed as a highstrength, oil-based formulation, giving growers access to saflufenacil in a concentrated standalone product that can also be incorporated into existing knockdown programs prior to sowing certain crops or in fallow situations or for desiccation of certain pulses.

Mode of Action

GROUP 14 HERBICIDE

Group 14 herbicides act as fast-acting contact herbicides, foliar uptake is rapid, causing quick tissue damage and plant desiccation, particularly in small, actively growing weeds.

Chemical Family	Active constituent (registered name)
Diphenylethers	oxyfluorfen (Conquest Encore® 240), acifluorfen, fomesafen
N-phenyl-imides	butafenacil, saflufenacil (Conquest Saffire) , tiafenacil (Terrad'or™) , flumioxazin
N-Phenyl-tiazolinones	carfentrazone (Conquest Spike® 240)
N-Phenyl-oxadiazolones	oxadiargyl, oxadiazon
Phenylpyrazole	pyraflufen

Interactive calculator

See how Saffire stacks up. Enter your own product prices and use rates to compare equivalent Saffire rates with alternative Group 14 products and calculate the true cost per hectare.

SAFFIRE

Price
0.00 \$/L

Rate
(calculated)
ml/ha

SHARPEN

Price
0.00 \$/kg

Rate
(enter rate)
g/ha

TERRAD'OR

Price
0.00 \$/kg

Rate
(own label rate)
g/ha

Enter product rate

Enter active (ai) rate

Typical rates & cost per hectare

Sharpen g/ha	Saffire ml/ha	Terrad'or g/ha	Sharpen \$/ha	Saffire \$/ha	Sharpen \$/ha
12	35	25	-	-	-
17	47.6	35.0	-	-	-
25	70	50	-	-	-
34	95.2	70	-	-	-
50	140	100	-	-	-



Scan to use here

Active ingredient	250g/L saflufenacil
Mode of action	Group 14 - Protoporphyrinogen oxidase (PPO) enzyme inhibitor.
Formulation type	Emulsifiable Concentrate (EC)
Registered use patterns	Prior to sowing summer, winter crops, fallows & harvest aid application in pulse crops.
Application timing	Pre crop emergence & harvest aid
Rainfastness	1 hour
Target weeds	Broadleaf weeds: Standalone Grasses: When tank mixed with Knockout (glyphosate)
Withholding Period (pulses)	7 days (14 days when tank-mixed with paraquat)***
Pack Size	10L

***Always refer to the label of the tank mix partner before use.

- ✓ Registered for desiccation in pulses
- ✓ High load oil-based formulation
- ✓ Strengthens glyphosate & paraquat knockdown programs targeting broadleaf & grass weeds.
- ✓ A modern way to use a proven active

Compatibility

Saffire is a robust oil-based liquid formulation designed to provide excellent physical compatibility with a wide range of pesticide formulations. For advice on specific tank mix combinations, please contact Conquest Crop Protection and always follow the directions of use.

Tank mix partner*	Partner application rate****	Result
Explode 250 (paraquat)	2400 mL/ha	COMPATIBLE
Explode 360** (paraquat)	0.25% 1670 mL/ha***	COMPATIBLE
Faster TG (glufosinate)	2000 mL/ha	COMPATIBLE
Knockout 450 (glyphosate)	2000 mL/ha	COMPATIBLE
Knockout Pro 540 (glyphosate)	1650 mL/ha	COMPATIBLE
Knockout Extreme (glyphosate)	1650 mL/ha	COMPATIBLE
Neon 400 (fluroxypyr)	375 mL/ha	COMPATIBLE
Neon 200 (fluroxypyr)	750 mL/ha	COMPATIBLE
2,4-D Amine 625	1700 mL/ha	COMPATIBLE
2,4-D LV Ester 680 EC	800 mL/ha	COMPATIBLE

NOTES

All tests were completed with Saffire at the rate of (95.2 mL/ha), Water volume 80 L/ha

*Add Glisarin at 1% where indicated.

**Add Wetter 1000 prior to the tank mixture with Explode 360

*** Please refer to Explode 250 and Explode 360 labels for the updated paraquat application rates.

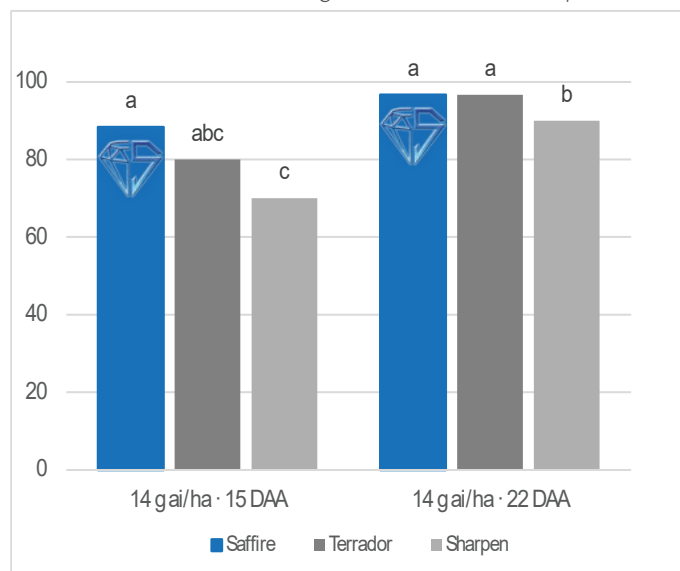
**** Always follow the label directions for the tank-mix partner when selecting the application rate.

Trials

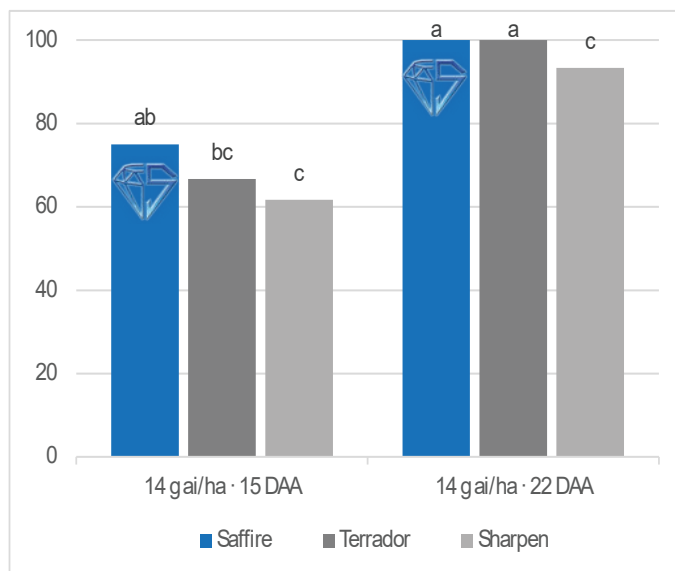
To ensure Saffire was tested across diverse growing conditions, application timings and use patterns, a total of 19 trials were conducted, almost double the number of trials required for registration. These trials ran for 4 consecutive years, across 3 different regions throughout Australia. The following graphs provide a brief representative of the results achieved throughout the broader trial program.

Wild Radish Control %

All treatments containing Saffire, Terra'dor or Sharpen were tank-mixed with Knockout Extreme at 1 L/ha, + 3% AMS + 1% Hasten.



ARG Control %

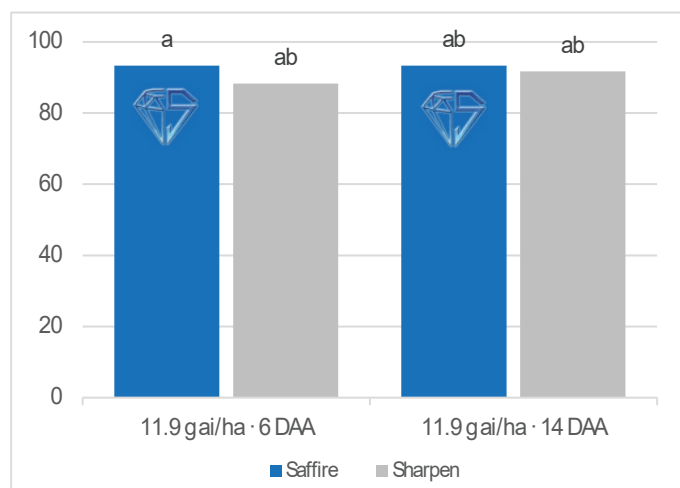


Trial Location: WA | **Trial Date:** 2025

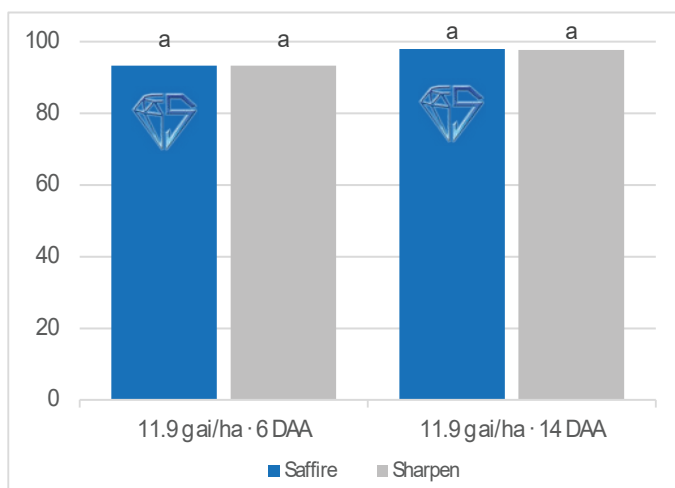
Trial Methodology:

In this study, Knockout Extreme was applied at a deliberately low rate of 1 L/ha (540 g ai/ha) to place greater pressure on the Group 14 herbicides and highlight the contribution of each active to overall weed control.

Common sowthistle (*Sonchus oleraceus*) %



Prickly lettuce (*Lactuca serriola*) %



Trial Location: NSW | **Trial Date:** 2023

Trial Methodology:

Conquest Saffire® and Sharpen® were applied as standalone treatments in a fallow situation. Although Saffire is registered for standalone use, it is expected to be primarily used as a flexible tank-mix partner. This trial was conducted to demonstrate the strength Saffire contributes to broader knockdown mixtures.

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