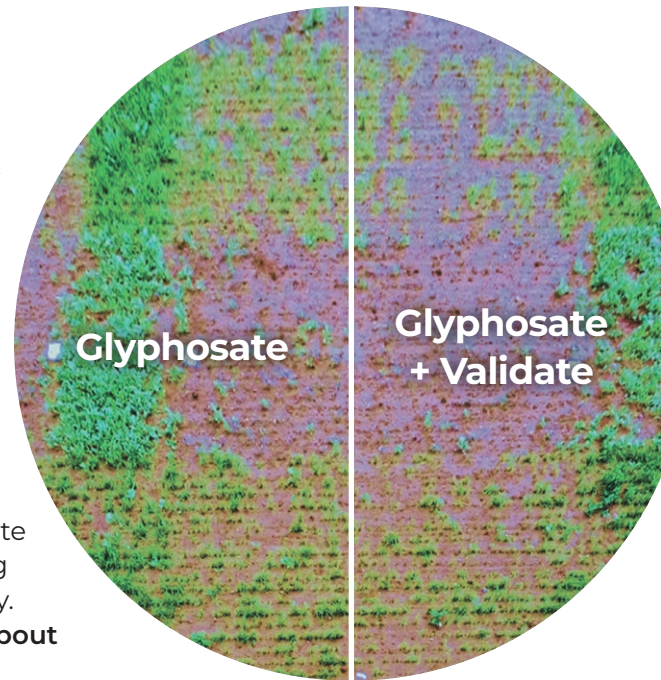




Maximise the performance of every glyphosate spray

Unique penetrating and translocating adjuvant to optimise glyphosate performance.

Give your glyphosate the best chance to perform at its peak. Formulated with three synergistic adjuvant components, Validate tackles the common issues that compromise efficacy – ensuring your glyphosate works harder and hits its target more effectively. **Whether you're battling drift, difficult targets, or concerned about resistance, Validate is the smart addition to every tank-mix.**



Enhances Glyphosate Performance From Tank To Target



PROTECTS & ACTIVATES

- ✓ Competitively binds hard water cations (calcium, magnesium, iron), reducing glyphosate 'lock-up'.
- ✓ Partial water conditioning effect enhances glyphosate uptake.
- ✓ Helps reduce glyphosate fixation which can be up to 30% in hard water conditions.



IMPROVED APPLICATION ACCURACY & COVERAGE

- ✓ Increases droplet size (VMD) by ~25%.
- ✓ Cuts the number of fine, drifty droplets (<100 microns) by up to 40%.
- ✓ Enhances spray retention, especially on waxy or vertical targets.
- ✓ Increases adhesion on Fat-Hen leaves from 48% to 84% in trials.



ENHANCED PENETRATION & WEED CONTROL

- ✓ Improves humectancy for slower droplet drying.
- ✓ Allows glyphosate more time to penetrate tough cuticles.
- ✓ Prevents crystallisation on the leaf surface, maintaining herbicide activity.
- ✓ Supports better control in resistant and hard-to-kill weeds.

Why Glyphosate Needs Help

- **Hard water** can lock up glyphosate, cutting efficacy by up to 30%.
- **Drift** increases with some formulations, reducing dose on the target and increasing off-target spray emissions.
- **Retention** on difficult targets like waxy, vertical or hairy weeds is poor.
- **Spreading** can lead to runoff or too-rapid drying.
- **Penetration** that's too fast can stall uptake, reducing kill.
- **Resistance is a risk** – weakened sprays = weed survival = resistance pressure.

The Farmer Advantage

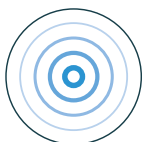
- **Maximises your glyphosate investment.**
- **Reduces drift and improves on-target performance.**
- **Overcomes water quality issues and retention challenges.**
- **More effective penetration = better kill.**
- **Supports long-term glyphosate efficacy.**



Improved
nutrient uptake



Wetting



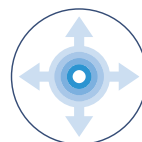
Spreading



Drift reduction



Penetration



Translocation

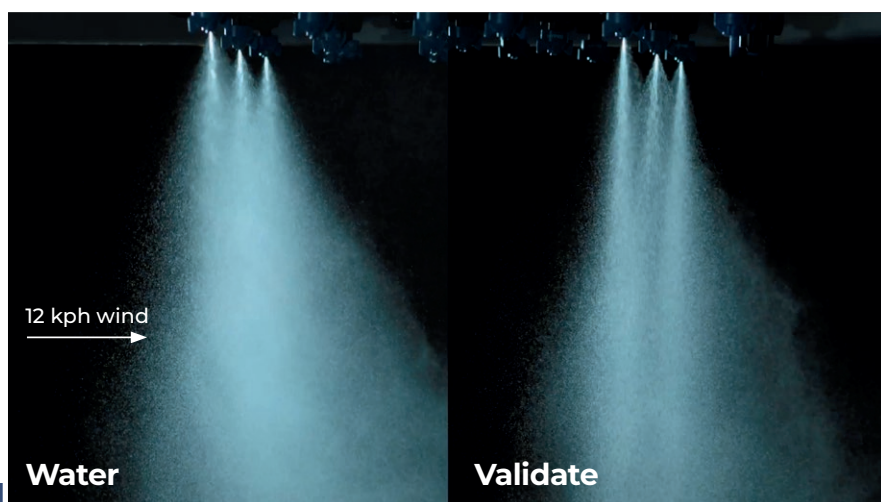


Anti-foam



BACKED BY SCIENCE, PROVEN IN THE FIELD

- ✓ Droplet studies demonstrate improved spreading and retention with Validate (right)
- ✓ Validate is an effective drift retardant (below – notice less drift compared to the water alone)



Water

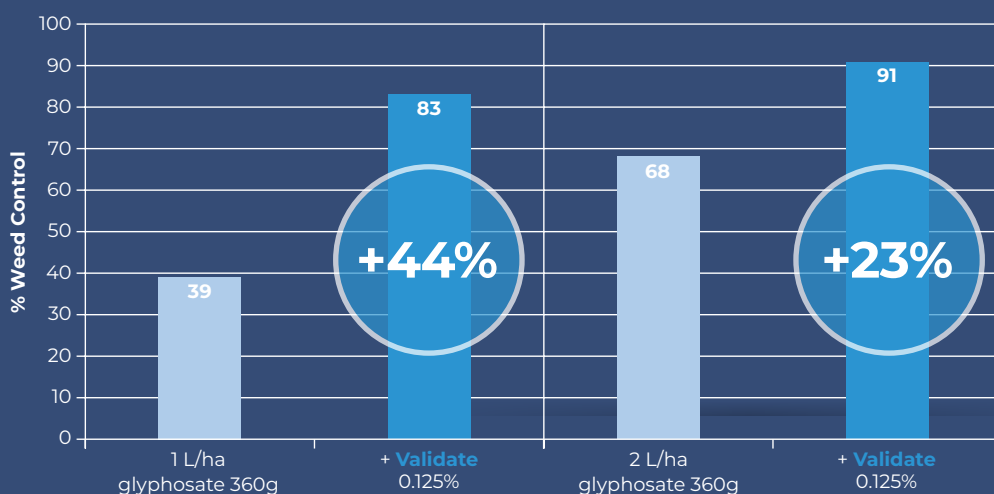


Water + Validate

VALIDATE IMPROVING CONTROL OF OSR VOLUNTEERS

Applied 28th August, OSR 4-6TL – Assessed 32 DAA

- ✓ Demonstrating valuable improvement in glyphosate efficacy in this OSR volunteer trial



Application advice

Recommended use rate: 0.125% v/v • Tank mix sequence: FIRST – before glyphosate • Pack size: 5L

ALWAYS FOLLOW THE PESTICIDE LABEL

All trademarks duly acknowledged. All information correct as of April 2025



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