X-CHANGE®

Protecting Herbicide Performance

Scan to watch 3-Step Water Routine ›

3-Step Water Routine

1. Test water
Know hardness before spraying

2. Condition first
Add X-Change before any products enter the tank

3. Dose based on hardness
Follow recommended rates

Water Hardness (TDS ppm)	X-Change Rate		Water Hardness (TDS ppm)	X-Change Rate	
<150	0.10%	Spray Volume	<450	0.30%	Spray Volume
<225	0.15%		<525	0.35%	
<300	0.20%		<600	0.40%	
<375	0.25%		<675	0.45%	

TEST WATER › CONDITION FIRST › DOSE CORRECTLY › EVERY SPRAY

X-CHANGE®

PROTECTS EVERY SPRAY

- Cations are neutralised before actives are added
- Buffers pH of spray water
- Products remain available for uptake
- Protects susceptible herbicides every time

Water Hardness (TDS ppm)	Performance Risk	Guidance
<100	Low	Conditioning optional
100-200	Medium	Conditioning recommended for glyphosate and other susceptible herbicides
>200	High	Conditioning strongly recommended for glyphosate and other susceptible herbicides

Note: Herbicides most susceptible to hard water: Glyphosate, sulphonylureas, dims, phenoxies, and other Group 4 herbicides. Contact De Sangosse for advice if water is >650 ppm.

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