



Universol®

Hard Water 212

Perfectly balanced formula for strong mid-season growth in hard water

19 | 4.8 | 15.8 | TE
N | P | K



Description

Designed for use in hard irrigation water with high bicarbonate levels, Universol® Hard Water 212 contains carefully selected raw materials, including NPK and trace elements, to make the growing medium acidic enough for your ornamentals to flourish. Dissolves in a flash, thanks to the Bright Solution System. Can also be mixed with other Universol® Hard Water formulas. Your go-to hard water nutrition solution.

Guaranteed analysis

Elemental

N	Total Nitrogen	19%
	Nitrate nitrogen (N-NO ₃)	9.5%
	Ammoniacal nitrogen (N-NH ₄)	5.1%
	Urea nitrogen (N-Urea)	4.4%
P	Phosphorus	4.8%

	Water soluble (P)	4.8%
K	Potassium	15.8%
	Water soluble (K)	15.8%
B	Boron	0.010%
	Water soluble (B)	0.010%
Cu	Copper	0.010%
	Water soluble (Cu)	0.010%
	Copper EDTA (Cu)	0.010%
Fe	Iron	0.200%
	Water soluble (Fe)	0.200%
	Iron EDTA (Fe)	0.200%
Mn	Manganese	0.040%
	Water soluble (Mn)	0.040%
	Manganese EDTA (Mn)	0.040%
Mo	Molybdenum	0.001%
	Water soluble (Mo)	0.001%
Zn	Zinc	0.010%
	Water soluble (Zn)	0.010%
	Zinc EDTA (Zn)	0.010%

Benefits

- Fast performance for rapid crop response
- Improves irrigation water quality
- Stabilizes pH in the soil

Application rates

Recommended Universol® rates for pot and bedding plants:

Crops with high fertilizer requirements:	100% Universol®: 1-2 g/l 50% Universol®*: 0.5-1 g/l
Crops with normal fertilizer requirements	100% Universol®: 1-1.5 g/l 50% Universol®*: 0.5-0.75 g/l
Salt sensitive crops	100% Universol®: 0.5-1 g/l 50% Universol®*: Depends on situation

Recommended Universol® rates for container nursery stock crops:

Crops with high fertilizer requirements	100% Universol®: 20 g/m2/week 50% Universol®*: 10 g/m2/week
Crops with normal fertilizer requirements	100% Universol®: 15 g/m2/week 50% Universol®*: 7.5 g/m2/week
Salt sensitive crops	100% Universol®: 10 g/m2/week 50% Universol®*: 5 g/m2/week

*When combined with 50% Osmocote® Exact Trail first on a small scale before changing the rate, or any other variables, As circumstances can differ and the application of our products is beyond our control, ICL cannot be held responsible for any adverse results.

How to use

- 1 Prepare the stock solution 1-2 hours before use and stir well.
- 2 Use in clean irrigation systems only, as the product's anti-clogging effect can release any deposits in the pipes, which can cause blockages in the system

- 3 Do not mix with other P-containing compound fertilizers.
- 4 Do not mix with Ca-containing fertilizers.
- 5 Can be mixed with phosphoric acid.
- 6 This product is not recommended for application in soft water types or rainwater.
- 7 If you need more information, please contact your technical support.

Attention

Please contact your ICL Technical Area Sales Manager for more detailed advice.

<https://icl-growingsolutions.com/en-ie/ornamental-horticulture/products/universol-hard-water-212/>
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