



Universol[®]
HW

Hard Water 151

Overcoming the challenges of growing in hard water

10 | 50 | 10 | TE
N | P₂O₅ | K₂O

Description

Having a hard time with hard water? Universol[®] Hard Water 151 has been specifically created to overcome the challenges of growing in hard water. Its high-phosphorus formula makes it the number one choice for rooting and getting flowers off to a great start. Contains carefully chosen raw materials to acidify bicarbonates in hard soil. Easy to use and very efficient thanks to its one-tank-mix. Hard Water 151 contains a high level of trace elements, plus it's quick to dissolve because of its low stock solution pH. Can also be combined with other Universol[®] Hard Water types. This product is not recommended for application in soft water types or rainwater.

Guaranteed analysis

Oxide

N	Total Nitrogen	10%
	Nitrate nitrogen (N-NO ₃)	2.2%
	Ammoniacal nitrogen (N-NH ₄)	7.8%

P ₂ O ₅	Phosphorus Pentoxide	50%
	Water soluble (P ₂ O ₅)	50%
K ₂ O	Potassium Oxide	10%
	Water Soluble (K ₂ O)	10%
B	Boron	0.01%
	Water soluble (B)	0.01%
Cu	Copper	0.01%
	Water soluble (Cu)	0.01%
	Copper EDTA (Cu)	0.01%
Fe	Iron	0.12%
	Water soluble (Fe)	0.12%
	Iron EDTA (Fe)	0.12%
Mn	Manganese	0.04%
	Water soluble (Mn)	0.04%
	Manganese EDTA (Mn)	0.04%
Mo	Molybdenum	0.001%
	Water soluble (Mo)	0.001%
Zn	Zinc	0.01%
	Water soluble (Zn)	0.01%
	Zinc EDTA (Zn)	0.01%

Benefits



High phosphorus content for great rooting



Quick crop response thanks to fast performance



Improves irrigation water quality and stabilizes pH in the soil

Application rates

Recommended Universol® rates	100% Universol®	50% Universol®*
Pot and bedding plants:		
Crops with high fertilizer requirements	1-2 g/l	0.5-1 g/l
Crops with normal fertilizer requirements	1-1.5 g/l	0.5-0.75 g/l
Salt sensitive crops	0.5-1 g/l	Depends on situation
Container nursery stock:		
Crops with high fertilizer requirements	20 g/m ² /week	10 g/m ² /week
Crops with normal fertilizer requirements	15 g/m ² /week	7.5 g/m ² /week
Salt sensitive crops	10 g/m ² /week	5 g/m ² /week

*When combined with 50% Osmocote® Exact

Attention

Trial first on a small scale before changing the rate, application 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. Store under dry conditions. Close partly used or damaged bags securely. For best results, always ask your ICL advisor.

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.

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<https://icl-growingsolutions.com/ornamental-horticulture/products/universol-hard-water-hard-water-151/>

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ICL Growing Solutions

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