



Universol[®]
HW

Hard Water 225

Specially designed to solve the challenges of hard water

11	10	28	2.0	TE
N	P ₂ O ₅	K ₂ O	MgO	

Description

Universol Hard Water 225 is developed for application in hard irrigation water. It promotes compact growth in flowering plants and is ideal for hardening off plants. Universol Hard Water 225 acidifies the irrigation water and neutralizes bicarbonate. The N:K ratio of 2:5 means this product can be used in combination with water containing high nitrogen levels and with nitrogen fertilizers (e.g. nitric acid).

Guaranteed analysis

Oxide

N	Total Nitrogen	11%
	Nitrate nitrogen (N-NO ₃)	5.4%
	Ammoniacal nitrogen (N-NH ₄)	1.7%
	Urea nitrogen (N-Urea)	3.9%

P ₂ O ₅	Phosphorus Pentoxide	10%
	Water soluble (P ₂ O ₅)	10%
K ₂ O	Potassium Oxide	28%
	Water Soluble (K ₂ O)	28%
MgO	Magnesium Oxide	2%
	Water soluble (MgO)	2%
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	0.32%
	Water soluble (Fe)	0.32%
	Iron EDTA (Fe)	0.32%
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

 Contains all elements; NPK, magnesium and trace elements

 Always the same composition thanks to stringent quality control

 The pH of the soil remains stable as a result of the HCO₃⁻ buffering effect

 Improves the quality of your irrigation water, by taking out bicarbonates

 Dissolves entirely and quickly because of the special ingredients and the 'Bright Solution System'

Application rates

Recommended Universol rates

100% Universol

50% Universol*

Pot and bedding plants:

Crops with high fertilizers 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 except of phosphoric acid
- 4 Do not mix with Ca-containing fertilizers.
- 5 This product is not recommended for application in soft water types or rainwater.
- 6 If you need more information, please contact your technical support.

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<https://icl-growingsolutions.com/ornamental-horticulture/products/universol-hard-water-225/>

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ICL Growing Solutions

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