



# Universol®

## Hard Water 225

Specially designed to solve the challenges of hard water

11 | 10.0 | 28.0 | 2.0 | TE  
N P2O5 K2O MgO



## Guaranteed analysis

Oxide		
N	Total Nitrogen	11%
	Nitrate nitrogen (N-NO3)	5.4%
	Ammoniacal nitrogen (N-NH4)	1.7%
	Urea nitrogen (N-Urea)	3.9%
P2O5	Phosphorus Pentoxide	10.0%
	Water soluble (P2O5)	10.0%
K2O	Potassium Oxide	28.0%
	Water Soluble (K2O)	28.0%
MgO	Magnesium Oxide	2.0%
	Water soluble (MgO)	2.0%
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	0.320%
	Water soluble (Fe)	0.320%
	Iron EDTA (Fe)	0.320%
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%

## Characteristics

## 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).

## 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'

## 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.

## 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/m2/week	10 g/m2/week
Crops with normal fertilizer requirements	15 g/m2/week	7.5 g/m2/week
Salt sensitive crops	10 g/m2/week	5 g/m2/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.

## Attention

Trial first on a small scale before changing the rate, application, or any other variables. As circumstances can differ and as the application of our products is beyond our control, ICL cannot be held responsible for any adverse results. Contact your ICL advisor for more detailed advice.