



# Universol®

## Hard Water 212

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

19 | 11.0 | 19.0 | TE  
N P2O5 K2O



## Guaranteed analysis

| Oxide |                             |        |
|-------|-----------------------------|--------|
| N     | Total Nitrogen              | 19%    |
|       | Nitrate nitrogen (N-NO3)    | 9.5%   |
|       | Ammoniacal nitrogen (N-NH4) | 5.1%   |
|       | Urea nitrogen (N-Urea)      | 4.4%   |
| P2O5  | Phosphorus Pentoxide        | 11.0%  |
|       | Water soluble (P2O5)        | 11.0%  |
| K2O   | Potassium Oxide             | 19.0%  |
|       | Water Soluble (K2O)         | 19.0%  |
| 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                        | 0.200% |
|       | 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% |

## 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.

## Benefits

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

## 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.

## 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/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.