
# Universol®

## Hard Water 211

Specially designed to solve the challenges of hard water

| 23 | 10 | 10 | 2.0 | TE |
|---|---|---|---|---|
| N | P2O5 | K2O | MgO | |

## Guaranteed analysis

| oxide | | |
|---|---|---|
| N | Total Nitrogen | 23% |
| | Nitrate nitrogen (N-NO3) | 11.0% |
| | Ammoniacal nitrogen (N-NH4) | 8.0% |
| | Urea nitrogen (N-Urea) | 4.0% |
| | Organic nitrogen | 0% |
| P2O5 | Phosphorus Pentoxide | 10% |
| | Water soluble (P2O5) | 10.0% |
| K2O | Potassium Oxide | 10% |
| | Water Soluble (K2O) | 10.0% |
| MgO | Magnesium Oxide | 2.0% |
| | Water soluble (MgO) | 2.0% |
| B | Boron | 0.01% |
| | Water soluble (B) | 0.01% |
| Cu | Copper | 0.010% |
| | Water soluble (Cu) | 0.010% |
| | Copper EDTA (Cu) | 0.010% |
| Fe | Iron | 0.12% |
| | Water soluble (Fe) | 0.12% |
| | Iron EDTA (Fe) | 0.12% |
| | Iron DTPA (Fe) | 0% |
| | Iron EDDHA (Fe) | 0% |
| Mo | Molybdenum | 0.001% |
| | Water soluble (Mo) | 0.001% |
| Zn | Zinc | 0.010% |
| | Water soluble (Zn) | 0.010% |
| | Zinc EDTA (Zn) | 0.010% |

## Description

Universol Hard Water 211 is developed for application in hard irrigation water, with high levels of bicarbonate. With an N:K ratio of 2:1, it is ideal for plants requiring high amounts of nitrogen during the early growth stage (e.g. foliar plants). Universol Hard Water 211 acidifies the irrigation water and neutralizes bicarbonate.

## 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

| | | 100% Universol | 50% Universol 50% Osmocote |
|---|---|---|---|
| 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 |

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.

## 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.