

Universol®

Hard Water 212

19-11-19+TE

oxide	elemental
Nitrogen Total (N)	**19%**
Nitrate nitrogen ($N\text{-}NO_3$)	9.5%
Ammoniacal nitrogen ($N\text{-}NH_4$)	5.1%
Urea nitrogen (Ur-N)	4.4%
Phosphorus Pentoxide (P_2O_5)	**11%**
Water soluble (P_2O_5)	11.0%
Potassium Oxide (K_2O)	**19%**
Water soluble (K_2O)	19.0%
Iron (Fe)	**0.20%**
Water soluble	0.20%
Chelated by EDTA	0.20%
Manganese (Mn)	**0.04%**
Water soluble	0.04%
Chelated by EDTA	0.04%
Boron (B)	**0.01%**
Water soluble	0.01%
Copper (Cu)	**0.010%**
Water soluble	0.010%
Chelated by EDTA	0.010%
Molybdenum (Mo)	**0.001%**
Water soluble	0.001%
Zinc (Zn)	**0.010%**
Water soluble	0.010%
Chelated by EDTA	0.010%

Advantages | Directions for use | Recommendations

- Contains NPK and trace elements;
- Quick crop response thanks to strong, fast performance;
- Dissolves entirely and quickly thanks to Bright Solution System;
- Improves the quality of the irrigation water by neutralizing bicarbonate;
- Stabilizes pH in the growing medium thanks to its HCO3 buffering effect.

- Universol Hard Water 212 is designed for application in hard irrigation water with high bicarbonate levels.
- Universol Hard Water 212 acidifies the irrigation water and neutralizes bicarbonate.
- This product is not recommended for application in soft water types, i.e. rainwater.
- Do not mix with other P-containing compound fertilizers. Do not mix with Ca-containing fertilizers. Can be mixed with phosphoric acid.
- Prepare the stock solution 1-2 hours before use and stir well.
- Use in clean irrigation systems. Universol HW's anti-clogging effect can release any pollution already present in the pipes, which can cause blockages in the system.

Universol Hard Water 212 is a balanced formula for well-balanced mid-season growth. Designed for use in hard water, its carefully selected raw materials ensure a great acidifying effect.

Universol Hard Water 212 can be mixed with other Universol Hard Water formulas.

Recommended Universol rates for pot and bedding plants

	100 % Universol	50 % Universol 50 % Osmocote Exact
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*

Recommended Universol rates for container nursery stock crops

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

*For more information or tailor-made advice, please contact your ICL Specialty Fertilizers advisor.