



Universol®

113R

 The solution for hardening your crops in soft water

11 | 4.8 | 25.7 | TE
N | P | K

Description

Designed to improve the quality of soft irrigation water, Universol® Soft Water 113R contains NPK, Mg, Ca, and a full package of trace elements. Ideal for flowering crops and to harden off crops in their final growth phase, thanks to the high potassium-aimed N:K ratio of 1:3. This fast-acting product dissolves in a flash. And you are always guaranteed the same composition thanks to stringent quality control.

Guaranteed analysis

Elemental

N	Total Nitrogen	11%
	Nitrate nitrogen (N-NO ₃)	9.8%
	Urea nitrogen (N-Urea)	1.2%
P	Phosphorus	4.8%
	Water soluble (P)	4.8%

K	Potassium	25.7%
	Water soluble (K)	25.7%
Ca	Calcium	1.4%
	Water soluble (Ca)	1.4%
Mg	Magnesium	1.2%
	Water soluble (Mg)	1.2%
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%
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	0.010%
	Water soluble (Zn)	0.010%
	Zinc EDTA (Zn)	0.010%

Benefits

- \\ N:K ratio of 1:3 boosts the quality of soft irrigation water, with all essential nutrients
- \\ Dissolves quickly and acts rapidly
- \\ Healthy growth thanks to continuous supply of calcium

Application rates

Crops:

Requirements

Recommended Universol® rates for pot and bedding plants:

Crops with high fertilizer requirements:	100% Universol®: 1-2 g/l 50% Universol®/50% Osmocote®: 0.5-1 g/l
Crops with normal fertilizer requirements	100% Universol®: 1-1.5 g/l 50% Universol®/50% Osmocote®: 0.5-0.75 g/l
Salt-sensitive crops	100% Universol®: 0.5-1 g/l 50% Universol®/50% Osmocote®: Depends on situation
Recommended Universol® rates for container nursery stock crops:	
Crops with high fertilizer requirements	100% Universol®: 20 g/m2/week 50% Universol®*: 10 g/m2/week
Crops with normal fertilizer requirements	100% Universol®: 15 g/m2/week 50% Universol®*: 7.5 g/m2/week
Salt-sensitive crops	100% Universol®: 10 g/m2/week 50% Universol®*: 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.

How to use

- 1 This product is not recommended in hard water types, such as well water.
- 2 Store under dry conditions.
- 3 Partly used or damaged bags should be closed well.
- 4 If you need more information, please contact your technical support.

Attention

Please contact your ICL Technical Area Sales Manager for more detailed advice.

<https://icl-growingsolutions.com/en-ie/ornamental-horticulture/products/universol-soft-water-113r/>
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