



Universol®

213R

The solution for hardening your crops in soft water

18 | 3.1 | 10.0 | 4.3 | TE
N P K Ca



Guaranteed analysis

Elemental

N	Total Nitrogen	18%
	Nitrate nitrogen (N-NO ₃)	12.0%
	Ammoniacal nitrogen (N-NH ₄)	4.9%
	Urea nitrogen (N-Urea)	1.1%
P	Phosphorus	3.1%
	Water soluble (P)	3.1%
K	Potassium	10.0%
	Water soluble (K)	10.0%
Ca	Calcium	4.3%
	Water soluble (Ca)	4.3%
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%

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.

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

Characteristics

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 To ensure that this product dissolves completely, prepare the stock solution 1-2 hours before use and stir well.
- 5 Universol® Soft Water 113R can be mixed with calcium nitrate to create an N:K ratio of 1:1. Mix up to maximum 50:50%. Dissolve the Universol® before adding the CaNO₃.
- 6 Do not mix Universol® Soft Water 113R in the same tank with other Universol® products, other NPK fertilizers, or other sulfate or phosphate-containing fertilizers, except sulfuric or phosphoric acids.
- 7 If you need more information, please contact your technical support.

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/m ² /week 50% Universol®*: 10 g/m ² /week
Crops with normal fertilizer requirements	100% Universol®: 15 g/m ² /week 50% Universol®*: 7.5 g/m ² /week
Salt-sensitive crops	100% Universol®: 10 g/m ² /week 50% Universol®*: 5 g/m ² /week

Trial first on a small scale before changing the rate, application or other cultural practices. As circumstances can differ and the application of our products is beyond our control, ICL cannot be held responsible for any negative results. Always ask your ICL advisor for the best results.

Attention

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

ICL Growing Solutions marketing.ukire@icl-group.com

