



Universol[®]
SW

213R

▬ The solution for hardening your crops in soft water

14		7		22		5.0		2.0	
N		P ₂ O ₅		K ₂ O		CaO		MgO	

TE

Description

Designed to improve the quality of soft irrigation water, Universol[®] Soft Water 213R 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

Oxide

N	Total Nitrogen	14%
	Nitrate nitrogen (N-NO ₃)	11.7%
	Ammoniacal nitrogen (N-NH ₄)	2.3%

P ₂ O ₅	Phosphorus Pentoxide	7%
	Water soluble (P ₂ O ₅)	7%
K ₂ O	Potassium Oxide	22%
	Water Soluble (K ₂ O)	22%
CaO	Calcium Oxide	5%
	Water soluble (CaO)	5%
MgO	Magnesium Oxide	2%
	Water soluble (MgO)	2%
B	Boron	0.01%
	Water soluble (B)	0.01%
Cu	Copper	0.01%
	Water soluble (Cu)	0.01%
	Copper EDTA (Cu)	0.01%
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	0.01%
	Water soluble (Zn)	0.01%
	Zinc EDTA (Zn)	0.01%

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

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.

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.

Technologies



The Bright Solution System, exclusive to Universol® water-soluble fertilizers, combines carefully selected components with pH-regulating and chelating properties to enhance nutrient solubility and uptake. This advanced system ensures rapid and complete dissolution, preventing irrigation blockages and maximizing nutrient availability.

[Learn more](#)

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<https://icl-growingsolutions.com/ornamental-horticulture/products/universol-soft-water-213r/>

Last updated on: 30/04/2026

ICL Growing Solutions

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