

## Universol®

### Basis 4-19-35+4MgO+TE



New packaging Q2 2012



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#### Product description

Universol, offered by Everris is the standard in water soluble fertilizers for potted, bedding and all container nursery plants. Universol has been trusted by growers for years as it always responds to the demand for high quality plants.

Universol offers a vast range of powerful fertilizers that can tackle any situation. Thanks to the broad-based application possibilities, the right formula is easy to choose. All Universol products have their own distinctive color so that you can easily recognize each product type. All Universol fertilizers can be mixed with each other; a mixing table is available upon request.

#### Product advantages

1. Balanced NPK formula with magnesium and trace elements.
2. A versatile fertilizer.
3. Dissolves quickly; ready for immediate use.
4. Color-coded for easy recognition.
5. Excellent value for money.
6. Features the unique Bright Solution System.
7. Easy to choose the optimum analysis for every growing phase by its ratio (1:5:9).

#### Product Characteristics

EC at 1 g/l (25°C) : 1.2 mS/cm  
Maximum solubility : 25 kg / 100 liter water (25°C)  
Acidity(A)/Basicity(B) : B 0.073 kg CaCO<sub>3</sub>/kg Universol  
Packaging details : 25 kg, plastic bag  
Product code : 2016

#### Directions for use

Universol Basis is developed for application via A/B tank systems. The product contains an elevated trace element level. If combined in a separate tank with e.g. calcium nitrate, the trace element level in the final solution is at the right level. Universol Basis can also be applied as a 'stand-alone' product for hardening off plants.

#### 'Bright Solution System' for clear results

Universol products ensure healthy plants. Carefully selected ingredients ensure the highest quality. The Bright Solution System gives clear results and a clean irrigation system.

#### The Universol color system

Universol has an improved color system. The improved performance is down to a granulated dye originally developed for the food industry. That granular structure keeps your hands and the irrigation system cleaner. The colors remain true in your diluted feeds and you always know exactly which formula you are giving your plants.

### Guaranteed analysis

- 4% TOTAL NITROGEN (N)**  
4.0% nitrate nitrogen (NO<sub>3</sub>-N)
- 19% PHOSPHORUS PENTOXIDE (P<sub>2</sub>O<sub>5</sub>)**  
Soluble in neutral ammonium citrate and in water,  
19.0% water soluble
- 35% POTASSIUM OXIDE (K<sub>2</sub>O)**  
35.0% water soluble
- 4.1% MAGNESIUM OXIDE (MgO)
- 18.0% SULPHUR TRIOXIDE (SO<sub>3</sub>)
- 0.02% Boron (B)
- 0.020% Copper (Cu) chelated by EDTA
- 0.12% Iron (Fe) 0.04% EDDHA 0.08% DTPA
- 0.08% Manganese (Mn) chelated by EDTA
- 0.002% Molybdenum (Mo)
- 0.020% Zinc (Zn) chelated by EDTA

### Attention

Trial first on a small scale before rate, application or other changes in your cultural practices are implemented. As circumstances can differ and as the application of our products is beyond our control, Everris cannot be made responsible for any negative results.

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 with high fertilizer requirements	20 g/m <sup>2</sup> /week	10 g/m <sup>2</sup> /week
Crops with normal fertilizer requirements	15 g/m <sup>2</sup> /week	7.5 g/m <sup>2</sup> /week
Salt sensitive crops	10 g/m <sup>2</sup> /week	5 g/m <sup>2</sup> /week

### Also available in the Universol range

Universol	Analysis	NPK ratio	Purpose of the formula
Violet	10-10-30+3MgO	<b>1:1:3</b>	High potassium to provide compact and strong early growth, good leaf color, strong growth without extension and good flower development.
Yellow	12-30-12+2MgO	<b>1:3:1</b>	Boosts root growth and shoot bud growth.
Blue	18-11-18+2MgO	<b>3:2:3</b>	Well-balanced growth in mid-season.
Green	23-6-10+2MgO	<b>4:1:2</b>	Nitrogen boost to encourage extra growth.
Orange	16-5-25+3MgO	<b>3:1:5</b>	Formula for slower growth, particularly suitable for flowering plants.
Basis	4-19-35+4MgO	<b>1:5:9</b>	This fertilizer has been specially developed for combination in A-B tank systems. Also suitable for hardening off plants.
White	15-0-19+9CaO+2MgO	<b>4:0:5</b>	No phosphate product, with calcium. Specially designed for application in P-reduced growing systems in soft water.
Special	9-0-39+2CaO	<b>1:0:4</b>	Specially developed for application when P-level is used to grow compact plants.

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### Distributed by:

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