



# Osmocote<sup>®</sup> 5

## 5-6M

The next generation controlled-release fertiliser over 5-6M

16 | 8 | 12 | 2.2 | TE  
N P2O5 K2O MgO



## Guaranteed analysis

Oxide		
N	Total Nitrogen	16%
	Nitrate nitrogen (N-NO <sub>3</sub> )	7.2%
	Ammoniacal nitrogen (N-NH <sub>4</sub> )	8.8%
P2O5	Phosphorus Pentoxide	8%
	Water soluble (P2O5)	6.0%
K2O	Potassium Oxide	12%
	Water Soluble (K2O)	12.0%
MgO	Magnesium Oxide	2.2%
	Water soluble (MgO)	0.6%
B	Boron	0.01%
	Water soluble (B)	0.01%
Cu	Copper	0.015%
	Water soluble (Cu)	0.015%
	Copper EDTA (Cu)	0.015%
Fe	Iron	0.30%
	Water soluble (Fe)	0.30%
	Iron EDTA (Fe)	0.30%
Mn	Manganese	0.05%
	Water soluble (Mn)	0.05%
	Manganese EDTA (Mn)	0.05%
Mo	Molybdenum	0.010%
	Water soluble (Mo)	0.010%
Zn	Zinc	0.012%
	Water soluble (Zn)	0.012%
	Zinc EDTA (Zn)	0.012%

## Description

The 5th generation of Osmocote programmed release fertiliser guarantees consistent, efficient, and safe nutrition for various plants. Formulated for a pre-defined 5-6 month longevity period, they receive the best possible plant colour, health, and growth by optimising the availability and uptake of trace elements with the OTEA-system.

## Benefits

- More efficient and effective uptake of applied plant nutrition, matching the NPK release pattern and the plant's needs with more precision than ever before
- Recognizable brown color to verify 5-6 month longevity
- Best possible plant colour, health and growth with the improved trace element delivery system
- Optimising the availability of trace elements in the growing media and their uptake by plants (OTEA System)
- Highest nutrient release efficiency
- Highest safety for plants

## How to use

- 1 Use Osmocote® 5 5-6M for short cultures of container nursery stock, perennials, and various pot plant types
- 2 Mix the product into the growing medium for optimum granule distribution
- 3 You can apply Osmocote® 5 using dibbling methods. Consult your ICL Specialty Fertilizers technical advisor for advice
- 4 Contact your ICL technical advisor for detailed recommendations if applied Micromax Premium dosage rates surpass 200 g/m<sup>3</sup> growing medium and combined with Osmocote® 5
- 5 You can combine Osmocote® 5 with Peters and Universol® water-soluble fertilizers. For specific recommendations, please consult your ICL technical advisor
- 6 The longevity of Osmocote® 5 5-6M is affected by temperature. (Product longevity is determined at 21°C) 16°C: 5-7M 21°C: 5-6M 26°C: 4-5M
- 7 Make sure you properly seal partly used or damaged bags
- 8 Store under dry conditions

## Application rates

	<b>Average nutritional need</b>	<b>High nutritional need</b>	<b>Minimum recommended base rate (in case additional water soluble fertilisers are applied)</b>
Container nursery stock and perennial crops (grown under cover)	2-2.5 g/l	3-4 g/l	2 g/l
Container nursery stock and perennial crops (outdoor production)	3-3.5 g/l	4-5 g/l	2-3 g/l
Pot plants	3-4 g/l	4-5.5 g/l	2-3 g/l
Bedding/balcony plants	3-4 g/l	4-5.5 g/l	2-3 g/l

Important: Maximum recommended starter fertiliser dosage in the growing medium is 0.5 kg/m<sup>3</sup>. Rates for Osmocote® 5 are based on pot volumes. In case of repotting into bigger pots, dilution effect should be compensated by increasing dosage rate in fresh growing medium. For plant-specific recommendations please consult your ICL Specialty Fertilisers advisor. The recommended rates above are based on unfertilised substrates. These are general recommendations. Adjust for specific situations, such as use in tunnels or greenhouses, or specific climate conditions. This product is not recommended for dibbling and/or autumn/winter potting. Contact your local distributor or local Technical Area Sales Manager for more detailed advice.. Trial first on a small scale before changing the rate, application, or any other variables. As circumstances can differ and as the application of our products is beyond our control, ICL cannot be held responsible for any adverse results.

## Attention

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

ICL Growing Solutions [marketing.ukire@icl-group.com](mailto:marketing.ukire@icl-group.com)

