



Osmocote[®]
5

3-4M

The next generation controlled-release fertiliser over 3-4M

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



Guaranteed analysis

oxide		
N	Total Nitrogen	16%
	Nitrate nitrogen (N-NO3)	7.2%
	Ammoniacal nitrogen (N-NH4)	8.8%
	Urea nitrogen (N-Urea)	0%
	Organic nitrogen	0%
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%
	Iron DTPA (Fe)	0%
	Iron EDDHA (Fe)	0%
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 3-4 month longevity period, plants will benefit from a short but effective NPK-filled nutrient uptake thanks to its nutrient releasing technology.

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
- \\ Recognisable red colour to verify 3-4 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 Mix the product into the growing medium to ensure optimal granule distribution
- 2 Do not apply 3-4M longevity in the planting hole
- 3 In case applied Micromax Premium dosage rates are higher than 200 g/m³ growing medium and combined with Osmocote 5, contact your ICL technical adviser for detailed recommendations
- 4 You can combine Osmocote 5 with Peters and Universol water-soluble fertilisers. For specific recommendations, please consult with your ICL Specialty Fertilisers technical adviser
- 5 Osmocote 5 3-4M's longevity can be affected by temperature. (Product longevity is determined at 21°C) 16°C: 4-5M 21°C: 3-4M 26°C: 2-3M
- 6 Make sure you properly seal partly used or damaged bags
- 7 Store under dry conditions

Application rates

	Average nutritional need	High nutritional need	Minimum recommended base rate (in case additional water soluble fertilisers are applied)
Container nursery stock and perennial crops (grown under protection)	1-1.5 g/l	2-2.5 g/l	1 g/l
Container nursery stock and perennial crops (outdoor production)	2-2.5 g/l	3-3.5 g/l	2 g/l
Pot plants	2-2.5 g/l	3-3.5 g/l	2 g/l
Bedding / Balcony plants	2-3 g/l	3-3.5 g/l	2 g/l

Important: Maximum recommended starter fertiliser dosage in the growing medium is 0.5 kg/m³. 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 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 ICL adviser 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.

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