

Osmocote 5

12-14M

The next generation controlled-release fertiliser over 12-14M

16	8	12	2.2	TE
N	P2O5	K2O	MgO	

Guaranteed analysis

oxide		
N	Total Nitrogen	16%
	Nitrate nitrogen (N-NO3)	7.1%
	Ammoniacal nitrogen (N-NH4)	8.7%
	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%
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 12-14 month longevity period, crops receive the nourishment they need for at least a year after early spring or winter potting.

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 yellow colour to verify 12-14 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

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How to use

1. Use Osmocote 5 12-14M for short container nursery stock, perennials, and various pot plant type cultures.
2. Incorporate the product into the growing medium to ensure optimum granule distribution. You can also apply Osmocote 5 using dibbling methods.
3. Contact your ICL technical advisor for detailed recommendations if applied Micromax Premium dosage rates surpass 200 g/m3 growing medium and combined with Osmocote 5.
4. You can combine Osmocote 5 with Peters and Universol water-soluble fertilizers. For specific recommendations, please consult with your ICL technical advisor.
5. Osmocote 5 8-9M's longevity can be affected by temperature. (Product longevity is determined at 21ºC) 16ºC: 15-17M 21ºC: 12-14M 26ºC: 9-11M.
6. 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 fertilizers are applied)**
Container nursery stock and perennial crops (covered cultures)	4-5 g/l	5-6 g/l	3-4 g/l
Container nursery stock and perennial crops (uncovered cultures)	5-6 g/l	6-7 g/l	4-5 g/l
Pot plants	5-6 g/l	6-7 g/l	4-5 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 adviser. 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 firs
small scale before changing the rate, application, or any other variables. As circumstances can differ
the application of our products is beyond our control, ICL cannot be held responsible for any adverse re

Attention

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

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