



Osmocote®
5

12-14M

Give your plants the nutrition they need all year long

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

Stay ahead of the curve with Osmocote® 5's latest controlled-release technology. This 5th generation programmed release fertilizer guarantees consistent, efficient, and safe nutrition for your plants. Formulated for a pre-defined 12-14 month longevity period, you can be sure your crops get the nourishment they need for at least a year after your early spring or winter potting.

Benefits

- \\ OTEA-system technology for optimized growth, health, and color
- \\ NutriMatch-Release technology for enhanced nutrient uptake
- \\ Recognizable yellow color for the 12-14 month longevity

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 21°C) 16°C: 15-17M 21°C: 12-14M 26°C: 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 fertilizer 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

Attention

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. Contact your ICL advisor for more detailed advice.