



# 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-NO <sub>3</sub> )	7.1%
	Ammoniacal nitrogen (N-NH <sub>4</sub> )	8.7%
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

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 for 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. (Note: The 3-4M longevity is not recommended for plant hole dibbling, only for mixing).
- 4 Contact ICL if you want to add additional trace element mixes on top of a full rate Osmocote 5.
- 5 You can combine Osmocote 5 with Peters and Universol water-soluble fertilizers in your fertilizer plan
- 6 The longevity of Osmocote 5 is determined at 21°C. At lower average soil temperatures, the product will work longer at higher average soil temperatures shorter. Indicational: 16°C: 5-7M, 21°C: 5-6M, 26°C: 4-5M.
- 7 Partly used bags must be closed/sealed properly.
- 8 Store under dry and cool conditions.

## Application rates

	<b>Average nutritional need</b>	<b>High nutritional need</b>	<b>Minimum recommended base rate (in case additional water soluble fertilizers are applied)</b>
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/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 advisor. The recommended rates above are based on unfertilized 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 advisor 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.

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