



Osmocote[®]
5

3-4M

Short-term growth, long-term results

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%
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%
Mo	Molybdenum	0.010%
	Water soluble (Mo)	0.010%
Zn	Zinc	0.012%
	Water soluble (Zn)	0.012%
	Zinc EDTA (Zn)	0.012%

Description

Keep one step ahead with Osmocote[®] 5's latest controlled-release technology. Guarantee efficient, safe, and sustained nutrition for your plants with this all-new 5th generation programmed release fertilizer. With its formula designed for cultivars with short 3-4 month growing seasons, your plants will benefit from a short but effective NPK-filled nutrient uptake thanks to its NutriMatch-Release technology.

Benefits

- \\ Enhanced growth, health, and color with OTEA-system technology
- \\ Recognizable red color to verify 3-4 month longevity
- \\ Most efficient nutrient release

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

	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)	1-1.5 g/l	2-2.5 g/l	1 g/l
Container nursery stock and perennial crops (uncovered cultures)	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 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 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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