

Osmocote® 5

8-9M

Early spring, early growth

16	8	12	2.2	TE
N	P_2O_5	K_2O	MgO	

SDS

Description

Feedback

See to every one of your early spring potting needs with the controlled-release technology of Osmocote 5. Help your plants achieve sustained, safe, and efficient nutrition over an 8-9 month longevity period with its 5th generation programmed release fertiliser technology. Optimise the availability and uptake of trace elements with its OTEA-system, guaranteed to provide your plants with the best possible colour, growth, and overall health.

– Guaranteed analysis

Oxide | Elemental

N	Total Nitrogen	**16%**
	Nitrate nitrogen ($N\text{-}NO_3$)	7.2%
	Ammoniacal nitrogen ($N\text{-}NH_4$)	8.8%
P_2O_5	Phosphorus Pentoxide	**8%**
	Water soluble (P_2O_5)	6%
K_2O	Potassium Oxide	**12%**
	Water Soluble (K_2O)	12%
MgO	Magnesium Oxide	**2.2%**
	Water soluble (MgO)	0.6%
B	Boron	**0.01%**
	Water soluble (B)	0.01%

Feedback

Cu	Copper	**0.015%**
	Water soluble (Cu)	0.015%
	Copper EDTA (Cu)	0.015%
Fe	Iron	**0.3%**
	Water soluble (Fe)	0.3%
	Iron EDTA (Fe)	0.3%
Mn	Manganese	**0.05%**
	Water soluble (Mn)	0.05%
	Manganese EDTA (Mn)	0.05%
Mo	Molybdenum	**0.01%**
	Water soluble (Mo)	0.01%
Zn	Zinc	**0.012%**
	Water soluble (Zn)	0.012%
	Zinc EDTA (Zn)	0.012%

– 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
- Recognizable blue color to verify 8-9 month longevity
- Best possible plant colour, health and growth with the improved trace element delivery system

Feedback

- 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

– 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 (grown under cover)	3.5-4.5 g/l	4-4.5 g/l	2-3 g/l
Container nursery stock and perennial crops (outdoor production)	4.5-5.5 g/l	5.5-6.5 g/l	3-4 g/l
Pot plants	4.5-5.5 g/l	5.5-6.5 g/l	3-4 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 local distributor or local Technical Area Sales Manager 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.

Feedback

How to use

1. Use Osmocote 5 8-9M especially for container nursery stock, perennials, and various pot plant types' short cultures.
2. Mix directly into the growing medium for optimum granule distribution.
3. You can apply Osmocote 5 via dibbling methods. For further advice, contact your ICL technical advisor.
4. If applied Micromax Premium dosage rates go over 200 g/m3 growing medium and are combined with Osmocote 5, contact your ICL technical advisor for detailed recommendations.
5. You can combine Osmocote 5 with Peters and Universol water-soluble fertilizers. For specific recommendations, please consult with your ICL technical advisor.
6. Osmocote 5 8-9M's longevity can be affected by temperature. (Product longevity is determined at 21°C) 16°C: 10-11M 21°C: 8-9M 26°C: 6-7M.
7. Make sure you properly seal partly used or damaged bags.
8. Store under dry conditions.

Feedback

Brand details

This product is part of: