Osmocote® 5

16-8-12+2.2%MgO
(16-3.5-9.9 +1.32Mg)

ICL is delighted to bring to market **Osmocote 5**. The next generation in Programmed Release fertilizer technology. This 5th generation Osmocote guarantees efficient, safe and consistent plant nutrition throughout the growing season.

Trace Elements OTEA system

5th Generation Coated Fertilizer

5-6



Osmocote 5 uniquely offers nutrient matching release technology and an improved trace element delivery system to match plants nutritional needs.

Matching Plant Demand

Osmocote 5 has been designed to match nutrient release to plant growth making it more efficient and effective. This nutrient matching technology has been extensively trialled around the world so ICL are able to guarantee optimum results.

Optimised Trace Element Availability System (OTEA)

The experts at ICL have refined the release of trace elements within Osmocote 5 to give growers the best performing product on the market. This improved delivery allows the chelated trace elements to be released throughout the longevity of the product improving the availability within the growing media. Uptake of trace elements is thus improved, optimising plant colour, health and growth throughout the growing cycle.

Features and benefits of Osmocote 5

- 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
- 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
- Highest consistency: every bag of the product is identical
- Coloured granules for longevity recognition

To order Osmocote 5 or get the latest information and advice

call **+44 (0)1473 237 111**
email **prof.sales@icl-group.com**
web **www.icl-sf.co.uk | www.icl-sf.ie**

ICL Professional Horticulture



Directions for use

1. The product is designed to be mixed evenly throughout the growing media
2. Osmocote 5 can also be used for dibbling*
3. Due to the efficiency of trace element release, supplementary trace element products such as Micromax Premium can be used at lower rates up to 0.2g/litre*
4. Osmocote 5 can be used at full rates or alternatively at lower rates with supplementary feeding with Peters or Universol water soluble fertilizers*

*Please consult your ICL Technical Area Sales Manager for detailed recommendations.

Recommended application rates

Osmocote® 5 5-6	**Average** nutritional need	**High** nutritional need	Minimum recommended base rate*
Container nursery stock and perennial crops **(grown under protection)**	2-2.5 g/l	3-4 g/l	2 g/l
Container nursery stock and perennial crops **(outdoor production)**	3-3.5 g/l	4-5 g/l	2-3 g/l
Pot plants	3-4 g/l	4-5.5 g/l	2-3 g/l
Bedding/balcony plants	3-4 g/l	4-5.5 g/l	2-3 g/l

*in case additional water soluble fertilizers are applied

Important: Maximum recommended starter fertilizer dosage in the growing medium is 0.5 kg/m³. Rates for Osmocote are based on pot volumes. When repotting into larger pots, remember to take account of the dilution effect by increasing the Osmocote rate in fresh growing media.
For specific recommendations please consult your IC Technical Area Sales Manager.

Product characteristics

Appearance: 100% coated granules, brown colour coding included
Packaging: 25 kg preprinted paper bag with PE-inliner
Item code: 8876.02.25EA
Granule size: 2.0 - 4.5 mm

Guaranteed analysis

16%	TOTAL NITROGEN (N) 7.2% nitrate nitrogen (NO_3-N) 8.8% ammoniacal nitrogen (NH4-N)
8%	PHOSPHORUS PENTOXIDE (P_2O_5)
12%	POTASSIUM OXIDE (K_2O)
2.2%	MAGNESIUM OXIDE (MgO)
0.30%	Iron (Fe) water soluble, chelated by EDTA
0.05%	Manganese (Mn) water soluble, chelated by EDTA
0.015%	Copper (Cu) water soluble, chelated by EDTA
0.012%	Zinc (Zn) water soluble, chelated by EDTA
0.001%	Boron (B)
0.0010%	Molybdenum (Mo)

Attention

Store the product in a cool, dry and ventilated place. As circumstances can differ and as application of products is beyond our control, ICL cannot be held responsible for any negative results. With this publication, all previously given recommendations expire.

Before a new rate, product or application method is used, a small-scale trial is recommended. Speak to your Technical Area Sales Manager for recommendations and more information.

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