




**Osmocote<sup>®</sup>**  
**Exact**  
High K

5-6M

 The controlled-release fertilizer for growing compact plants

12		8		19		1.8		21.0	
N		P <sub>2</sub> O <sub>5</sub>		K <sub>2</sub> O		MgO		SO <sub>3</sub>	

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## Description

Osmocote Exact High K 5-6M is ideal for pot plants needing extended high-potassium feeding (5-6 months) and compact growth (e.g., cyclamen, violets, primulas). It suits herbaceous perennials and nitrogen-rich irrigation. When used with Peters Professional water-soluble feeding, adjust rates accordingly. Combine with Osmocote CalMag for added calcium and magnesium, suitable for soft water cultures or nitrogen-demanding early growth. For high iron-demanding crops, mix with Osmocote Iron. Perfect nutrition for optimal results.

## Guaranteed analysis

### Oxide

N	Total Nitrogen	12%
	Nitrate nitrogen (N-NO <sub>3</sub> )	5.1%
	Ammoniacal nitrogen (N-NH <sub>4</sub> )	6.9%
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P <sub>2</sub> O <sub>5</sub>	Phosphorus Pentoxide	8%
	Water soluble (P <sub>2</sub> O <sub>5</sub> )	6%

K <sub>2</sub> O	Potassium Oxide Water Soluble (K <sub>2</sub> O)	<b>19%</b> 19%
MgO	Magnesium Oxide	<b>1.8%</b>
SO <sub>3</sub>	Sulphur trioxide	<b>21%</b>
B	Boron Water soluble (B)	<b>0.018%</b> 0.016%
Cu	Copper Water soluble (Cu)	<b>0.06%</b> 0.047%
Fe	Iron Iron EDTA (Fe)	<b>0.35%</b> 0.07%
Mn	Manganese	<b>0.049%</b>
Mo	Molybdenum Water soluble (Mo)	<b>0.018%</b> 0.018%
Zn	Zinc Water soluble (Zn)	<b>0.021%</b> 0.014%

## Benefits

- 🌱 Nutrients released over 5 to 6 months
- 🌱 Compact plant growth thanks to high potassium source and low phosphorus
- 🌱 Healthy root development and branching through high-efficiency nutrient release
- 🌱 Excellent leaf shine and color, thanks to the full trace element package and optimised iron release

## Application rates

	Normal feeding	Heavy feeding
Container nursery stock	3-4 g/l	4-5 g/l
Pot plants	3-4 g/l	4-5 g/l
Bedding plants	3-4 g/l	4-4.5 g/l
Perennials	1.5-2.5 g/l	2.5-4 g/l

Recommended application rates for Osmocote Exact High K granules in g/l: Add maximum 0.5 g/l NPK starter fertiliser in combination with Osmocote Exact High K. Contact your ICL SF advisor for tailored recommendations for your crops. How to calculate the granules per pot or container at the application rates above: - Granule application - 3-liter pot volume - 5 g/l Osmocote® Exact High K Total = 15 g/pot Attention The recommended rates above are based on unfertilised substrates. These are general recommendations. Adjust for specific situations, such as use in tunnels or greenhouses, or specific climate conditions. Contact your ICL Specialty Fertilisers 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 Specialty Fertilisers cannot be held responsible for any adverse results.

## How to use

- 1 The temperature affects Osmocote® Exact Standard High K longevity, determined at 21°C. 16°C: 6-7M 21°C: 5-6M 26°C: 4-5M.
- 2 Close partly used or damaged bags securely.
- 3 Store under dry conditions.

## Attention

Please contact your ICL Technical Area Sales Manager for more detailed advice.

<https://icl-growingsolutions.com/en-gb/ornamental-horticulture/products/osmocote-exact-high-k-5-6m/>  
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