

Osmocote[®] Exact



14-8-11+2MgO+TE



Product description

Osmocote Exact Protect is a 'programmed release' fertilizer and one of the coated fertilizers of the 4th generation. These products are based on the Everris Dual Coating Technology (DCT). Osmocote Exact Protect has a postponed start. The second coating (DCT) delays the start time with 2-3 months. This product is specifically developed for autumn/winter pottings of container nursery stock in Northern Europe.

Product advantages

1. Optimal availability of nutrients during the season.
2. No release in the first months after potting (autumn and winter period) – most efficient fertilizer application ever!
3. Application of full dosage rate in autumn is possible - re-fertilization in spring is no longer required.
4. Labor saving in busy sales period in springtime.
5. Better growth due to effective release and timing of release.

Product characteristics

Packaging details	: 25 kg, paper bag
Product code	: 8869
Coating process	: 100% coated NPK + trace elements
4 th generation	: NPK + TE levels guaranteed, programmed release

Directions for use

Osmocote Exact Protect has been especially developed for autumn pottings of nursery stock in the period of mid October until mid January. Application of Osmocote Exact Protect is ideal for i.e. conifers and roses, bare rooted plant material / grafted material in autumn/winter pottings.

The right dosage is very important for an optimum result! To have sufficient feeding available in springtime the dosage should be between 3-6 kg/m³ (depending on the crop). A slight re-fertilization in the summer period could be necessary, depending on crop type and growing circumstances.

The longevity of Osmocote Exact Protect 12-14M is affected by temperature.
(Product longevity is determined at 21° C)

16 °C	21 °C	26 °C
15-17 M	12-14 M	9-11 M

Store under dry conditions. Partly used or damaged bags should be closed well.



Osmocote Exact Protect 12-14M granules

Guaranteed analysis

14 %	TOTAL NITROGEN (N) 6.2 % nitrate nitrogen (NO ₃ -N) 7.8 % ammoniacal nitrogen (NH ₄ -N)
8 %	PHOSPHORUS PENTOXIDE (P₂O₅) Soluble in neutral ammonium citrate and in water, 6.0 % water soluble
11 %	POTASSIUM OXIDE (K₂O) 11 % water soluble
2.0 %	MAGNESIUM OXIDE (MgO) 1.3 % water soluble
0.03 %	Boron (B)
0.045 %	Copper (Cu)
0.42 %	Iron (Fe) 0.08 % chelated by EDTA
0.06 %	Manganese (Mn)
0.020 %	Molybdenum (Mo)
0.015 %	Zinc (Zn)

Recommended application rates

	Light feeding	Normal feeding	Heavy feeding
Container Nursery Stock	3-4 g/l	4-5 g/l	5-6 g/l

Attention













The above mentioned rates are just general recommendations. Adjust the rate to specific circumstances. The mentioned rates are based on potting substrates with max. 0,5 kg/m³ of base fertilizer. For most pottings in the mentioned period, no base fertilizer is needed.

Osmocote Exact Protect 12-14M can be mixed in the potting substrate or dibbled in the plant hole. Dibbling is only recommended for well-rooted liners (P9). Only make use of fertilizer applicators, which do not damage the coating.

Osmocote Exact Protect is a 100 % dual coated fertilizer; the initial release of nutrients is postponed in the first 2-3 months. It is very important to apply Osmocote Exact Protect in the correct potting period. Depending on your circumstances it might be necessary to slightly re-fertilize in the summer period (June/July/August). Contact your Everris advisor for tailor-made advice.

Trial first on a small scale before rate, application or other changes in your cultural practices are implemented. As circumstances can differ and as the application of our products is beyond our control, Everris cannot be made responsible for any negative results.

Also available in the Osmocote Exact range

Longevity	Osmocote Exact Standard	Osmocote Exact Standard High K	Osmocote Exact Lo.Start	Osmocote Exact Hi.End	Osmocote Exact Protect	Osmocote Exact Mini	Osmocote Exact Tablets
Release pattern							
	16-9-12	11-11-18	-	-	-	15-9-11	14-8-11
	15-9-12	11-11-18	-	15-9-12	-	15-9-11	14-8-11 10-8-17
	15-9-11	11-11-18	-	15-9-11	14-8-11	-	14-8-11 10-8-17
	15-9-11	11-11-18	-	15-8-11	14-8-11	-	14-8-10
	-	-	15-8-11	-	-	-	-

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