

Controlled Releasing Fertilizers

Osmocote High N (18.9.10+2MgO+TE)

Osmocote High N, an excellent product of ICL, Netherlands and it is a controlled release fertilizer which delivers nutrients to the plants evenly over 8-9 months at an average temperature of 21C, it is a fully coated granule which contains High N, P & K, Magnesium, and all necessary trace elements, available in low and safe concentrations. Nutrient release rate depends on the heat of the medium only. This is a general recommendation which needs to be adjusted with the growth of the crop. As the fertilizer is made from soybean extract, it prevents hand allergies during use due to the unique organic surface coating it has. Osmocote, has been improved in a way that it has no effect on PH and EC the values of the soil media and even when the values have changed, the plants are supplied with the necessary nutrients.



Directions to apply

Cultivation	Time to apply	Amount per plant		
		Initial stage	Growth stage	Fruiting/ flowering stage
Orchids, Anthuriums and ornamental plants	Once in 3-4 months	5-10g	10-15g	
For nurseries and seedlings	Once in 3-4 months	3-5g	5-10g	
Pot farming and vegetables	Once in 3-4 months	5-10g	10-15g	15-20g
Fruits	Once in 3-4 months	20-30g	>50g	
Protected domestic cultivations	Once in 3-4 months	5-10g	10-15g	

Apply 3-5 Osmocote high N with 50 kgs of traditional fertilizer. Then the harvest can be gained throughout a longer period of time.

Nutrient content

Nitrogen (N)	-	18%
Ammonical Nitrogen	-	7.7%
Nitrate Nitrogen	-	5.9%
Urea Nitrogen	-	4.4%
Phosphors (P ₂ O ₅)	-	9%
Potassium (K ₂ O)	-	10%
Magnesium (MgO)	-	2%
Boron (B)	-	0.01%
Copper (Cu)	-	0.037%
Iron (Fe)	-	0.30%
Manganese (Mn)	-	0.04%
Molybdenum (Mo)	-	0.015%
Zinc (Zn)	-	0.011%