



# ICL NPS

10-42+10S for precision crop nutrition

ICL NPS is a compound nitrogen-phosphate fertilizer plus sulphur. Every granule contains these three important nutrients delivering excellent, effective crop nutrition.

Granular ICL NPS is highly uniform, giving consistent nutrient distribution in every application.



**N**

**10%**  
Nitrogen (N)

**P**

**42%**  
Phosphorus ( $P_2O_5$ )

**S**

**10%**  
Sulphur (S)



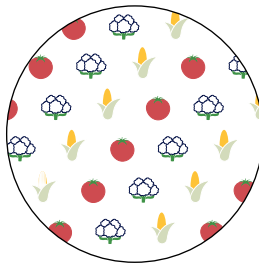
## Precision nutrition for a wide range of crops

This is a fertilizer that delivers balanced nutrition to many crops. ICL NPS is ideal for use on nitrogen-fixing legumes such as soybean, peas, and alfalfa. It provides a low dose of nitrogen fertilizer that perfectly supplements the nitrogen fixation in leguminous crops by the action of rhizobia bacteria at the roots.

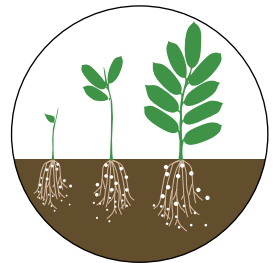
ICL NPS fertilizer is an excellent starter fertilizer for maize and other field crops.



Granular NPS fertilizer  
for better yields



Excellent source of  
N, P and S for all crops  
and soils



Continuous sulphur  
supply to the crop  
during the whole  
growing season

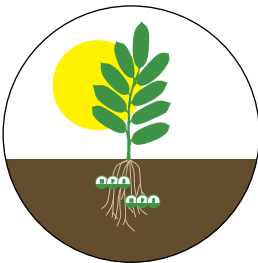
# ICL NPS - delivering essential sulphur

Crops need sulphur. It is essential for the synthesis of three amino acids which make up plant proteins and for optimizing nitrogen use efficiency by the crop.

Sulphur is needed in two forms: in sulphate ( $\text{SO}_4^{2-}$ ), which is prone to leaching in the soil profile and as elemental sulphur (S), which must be transformed by microbial oxidation to sulphate to be available for plant uptake.

Our ICL NPS fertilizer has the perfect balance of both forms of sulphur: elemental S and sulphate to last the whole crop cycle. At germination ICL NPS supplies immediately-available sulphate and then, as the crop grows, ICL NPS elemental sulphur undergoes oxidation and is made gradually available to the plant.

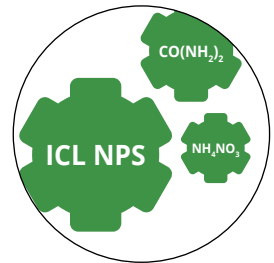
With ICL NPS, a continuous supply of sulphur is assured right from germination and throughout the entire growing season.



Fully soluble with all nutrients available for plant uptake



Easy to apply uniformly in the field with all modern mechanical spreaders



Compatible with urea and ammonium nitrate in blends

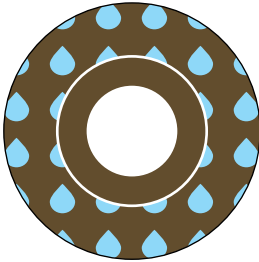
# Recommended ICL NPS application rates

Crop	Application rate (kg/ha)
Alfalfa	150-250
Soybean	150-250
Wheat, barley	150-220
Rape seed	200-300
Maize	250-300
Sunflower	250-300
Peas / beans	150-250
Vegetables	350-500
Sugarcane	300-400
Cotton	200-300

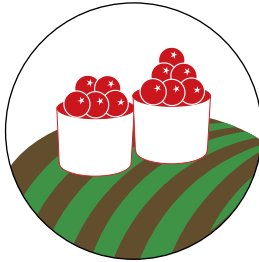
*The suggested doses are given for information only and should be adapted to soil fertility and target yields.*



Good hardness, guarantees maintenance of the quality during handling, bulk blending and field application



Uniform, non hygroscopic granules



Delivers superior yields, improved quality and increased profitability



10% N



42% P<sub>2</sub>O<sub>5</sub>



10% S



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