



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

P

S

10%
Nitrogen (N)

42%
Phosphorus (P_2O_5)

10%
Sulphur (S)



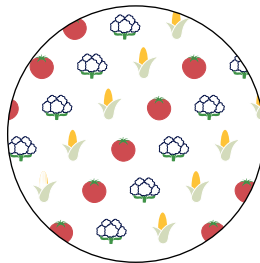
Precision nutrition for a wide range of crops

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.

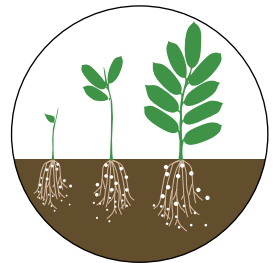
ICL NPS fertilizer is an excellent starter fertilizer for maize and other field crops.



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

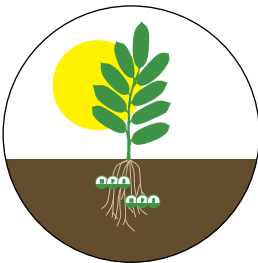
ICL NPS - delivering essential sulphur

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 (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.

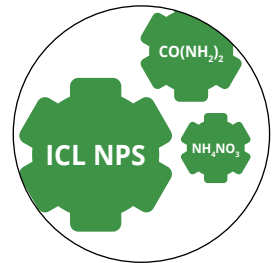
With ICL NPS, a continuous supply of sulphur is assured right from germination and throughout the entire growing season.



Fully soluble with all nutrients available for plant uptake



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

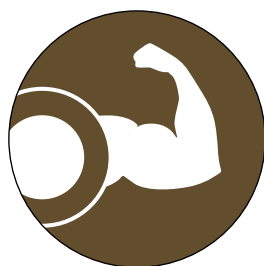


Compatible with urea and ammonium nitrate in blends

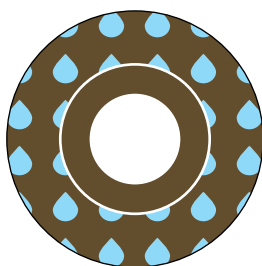
Recommended ICL NPS application rates

Crop	Application rate (lb/ac)
Alfalfa	135-225
Soybean	135-225
Wheat, barley	135-200
Rape seed	180-270
Maize	225-270
Sunflower	225-270
Peas / beans	135-225
Vegetables	315-450
Sugarcane	270-360
Cotton	180-270

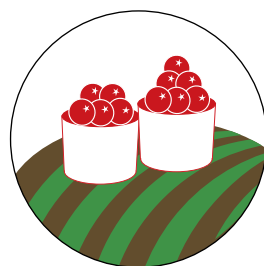
The suggested doses are given for information only and should be adapted to soil fertility and target yields.



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% P₂O₅



10% S



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