



Advanced Crop Nutrition

ICLPotashplus<sup>®</sup>



Polysulphate **inside**

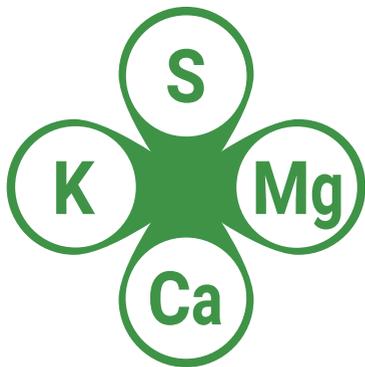
**ICL** Fertilizers



## A unique balance

ICL PotashpluS, a granular fertilizer formulated using a combination of Polysulphate and potash (MOP), provides crops with vital potassium along with sulphur, magnesium and calcium in one application.

ICL PotashpluS offers an ideal combination of four nutrients in one single fertilizer:



<b>Potassium</b> as sulphate and chloride	37% $K_2O$ (30.7% K)
<b>Magnesium</b> as magnesium sulphate	2.8% $MgO$ (1.7% Mg)
<b>Sulphur</b> as sulphate	23% $SO_3$ (9.2% S)
<b>Calcium</b> as calcium sulphate	8% $CaO$ (5.7% Ca)

## Added value

With ICL PotashpluS, there is no need to choose between using chloride or sulphate with your potash. 20% of the potassium is in sulphate form, which reduces by 50% the chloride input (as compared with KCl).

## Enhance your potash with Polysulphate

ICL PotashpluS provides additional magnesium for high photosynthesis potential, calcium for strong and high quality crops, and sulphur for protein and oil formation.

## ICL PotashpluS brings you the best quality and profitability

The high sulphur content in ICL PotashpluS ensures healthy growth of all crops; in particular, crops such as canola (OSR), quality wheat, legumes and grassland which should always be fertilized with sulphur.

## ICL PotashpluS ensures progressive supply of sulphur during the whole crop cycle

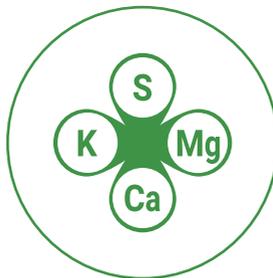
The prolonged solubility pattern of Polysulphate reduces the risk of sulphur leaching into sandy soils and under high precipitation.

## Secure your crops' magnesium needs

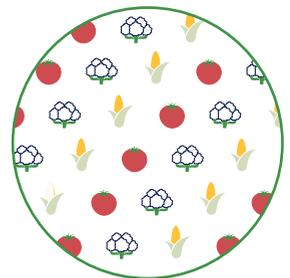
ICL PotashpluS responds to the increasingly widespread magnesium deficiency in soils, providing available magnesium to support crop yield and quality.



Single compound of potash and Polysulphate



Four nutrients in one application: potassium, magnesium, sulphur and calcium



Ideal for all crops, including crops with high demands for potassium and sulphur



Fully soluble, all nutrients available for plant uptake



Prolonged release of sulphur - less prone to leaching



Spreads accurately ensuring uniform distribution of nutrients across the field

## Composition of ICL PotashpluS: 0-0-37-23SO<sub>3</sub>-2.8MgO-8CaO

37% K <sub>2</sub> O	Soluble	20% as potassium sulphate
2.8% MgO	Soluble	100% sulphate
23% SO <sub>3</sub> (9.2% S)	Soluble	100% sulphate
8% CaO	Soluble	100% sulphate

(EC fertilizer)

In addition, ICL PotashpluS contains boron.

## General recommendations

	High K demanding crops	Moderately K demanding crops	Cereal crops
<b>Crops</b>	Sugarbeet, potato	Canola (OSR), corn, sunflower, alfalfa, fodder, peas	Wheat, small grains
<b>Recommended dose of ICL PotashpluS (kg/ha)</b>	600-900	200-300	200
<b>Supply of K<sub>2</sub>O, MgO, SO<sub>3</sub> and CaO</b>	e.g. potato at 600 kg/ha K <sub>2</sub> O <sup>(1)</sup>  MgO <sup>(3)</sup>  SO <sub>3</sub> <sup>(3)</sup>  CaO <sup>(4)</sup> 	e.g. canola (OSR) at 200 kg/ha K <sub>2</sub> O <sup>(2)</sup>  MgO <sup>(2)</sup>  SO <sub>3</sub> <sup>(2)</sup>  CaO <sup>(4)</sup> 	e.g. wheat at 200 kg/ha K <sub>2</sub> O <sup>(3)</sup>  MgO <sup>(3)</sup>  SO <sub>3</sub> <sup>(3)</sup>  CaO <sup>(4)</sup> 

Calculated according to: <sup>(1)</sup>COMIFER <sup>(2)</sup>Terres Inovia <sup>(3)</sup>UNIFA <sup>(4)</sup>Pôle d'Aspach, also from the RB209

-  Proportion of crop needs covered by ICL PotashpluS at the recommended dose
-  Total crop needs



**S**

23% SO<sub>3</sub>  
(9.2% S)



**K**

37% K<sub>2</sub>O  
(30.7% K)



**Mg**

2.8% MgO  
(1.7% Mg)



**Ca**

8% CaO  
(5.7% Ca)

Mined in the UK, ICL is the first – and only – producer in the world to mine polyhalite, marketed as Polysulphate®.

Polysulphate 

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