



ICL PKplus®

5-in-1 fertilizer

P	K	Ca	Mg	S
24% P ₂ O ₅	6% K ₂ O	15.4% Ca	1.8% Mg	9.1% S

Main Features

a highly efficient multi-nutrient source

- **Tailor-made Formula** — Macro and secondary nutrients plus trace amounts of zinc, iron and boron with ideal spatial distribution within every granule
- **Gradual Release** — Matches nutrient demands during the season for plant development and reproduction
- **Improved Nutrient Use Efficiency**
 - ✓ Extended nutrient availability to reduce sulfate loss through leaching
 - ✓ Higher crop uptake of N and P
 - ✓ Partially replaces the need for potassium chloride
 - ✓ Gives full flexibility with the N source and rate to minimize nitrate leaching
- **Superior Yields**
 - ✓ Early season growth potential enhanced
 - ✓ Improved quality
 - ✓ Increased profitability

Key Advantages

a flexible crop nutrition solution

- **Versatile** — Suited to all crops and soil types
- **Seed Safe** — Low chloride, low Salt Index, neutral pH
- **High Blendability** — Good hardness and handling for air seeders, bulk blending and field application
- **Fully Soluble** — All nutrients available for plant uptake in one granule
- **Superior Distribution** — Every ICL PKplus granule contains 5 essential nutrients for uniform coverage
- **Sustainable** — Low carbon footprint, application direct with cover crop seed, less leaching and more crop uptake with sustained release of nutrients in Polysulphate

ICL PKPLUS®

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

www.icl-growingolutions.us

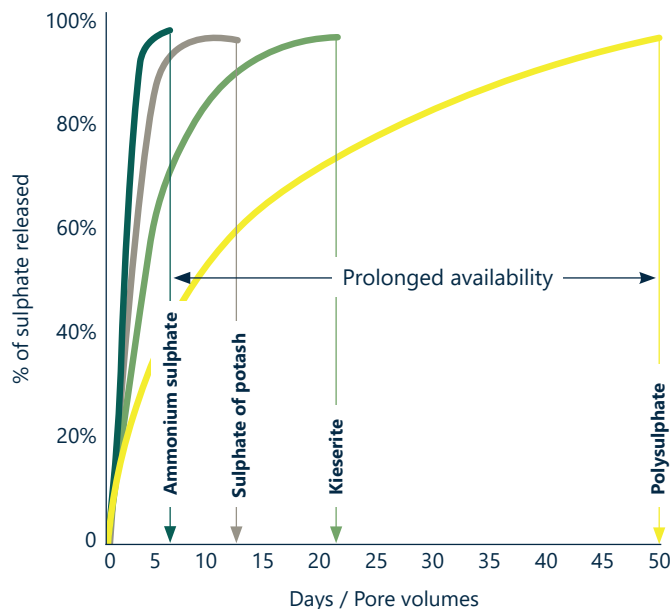
ICL PKPLUS®

ICL PKplus®
custom formula
(0-24-6-15.4Ca-1.8Mg-9.1S)

Gradual Sulfur and Potassium Release to Meet Peak Demand

Release of Sulfate

Polysulphate vs. other sources
(granular grades)
University of Nottingham, UK, 2016



Chemical Analysis	Expressed As	Typical	Guaranteed
Phosphorus	P ₂ O ₅	24.0%	24.0%
Potassium	K ₂ O	6.0%	6.0%
Calcium	Ca	15.4%	15.4%
Magnesium	Mg	1.8%	1.8%
Sulfur	S	9.1%	9.1%
Chloride	Cl	2.6%	
Moisture		3.3%	

Particle Size Distribution	
Size	% in each size
5 mm	11.1
2-4 mm	88.9
1 mm	0.8
<1 mm	0.0

Bulk Density
72.5 lb/ft ³

Trace element analysis is available on request. All chemical analyses are determined according to EC 2003/2003 fertilizer regulation.



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