



Potassium Nitrate



Yara Specialities
Growing Your Potential



Further Information:

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What is Krista-K Plus™ ?

Krista K Plus is a fully water soluble, crystalline potassium nitrate fertilizer. It is a free flowing, fine crystalline powder which dissolves quickly in water without any residues. Krista K Plus is ideally suited for use in hydroponic systems and application through all fertigation systems – drip systems, low throw sprinklers, centre pivots and spray units.

Krista-K Plus™ - Guaranteed Formulation

Nitrate-N	13.7%	Solubility (20°C)	315 g/l water
Potassium (K ₂ O)	46.3%	EC (1g/l at 25°C)	1.3mS/cm
(K)	38.4%	pH (1% solution)	8 – 9

What is Unika Kali™ ?

Unika Kali is prilled potassium nitrate. It is a free flowing prill ideally suited to application through fertilizer spreaders in open field crops. It is also soluble and may therefore be applied through low throw sprinklers and centre pivots. However it is not suitable for application through drip, microsprinkler and hydroponic systems.



Unika Kali™ - Guaranteed Formulation

Nitrate-N	13.6%
Potassium	45.0% K ₂ O / 37.5%K
Solubility	316g/l water at 20°C

Nitrate nitrogen

- Directly available for plant uptake, resulting in fast and predictable growth responses.
- None volatile nor adsorbed to soil particles, leaving it readily available to plants.
- The preferred nitrogen source for most horticultural and high value agricultural crops.

- Improves the plant uptake of the cations potassium, calcium and magnesium.

Potassium improves

- The efficiency of other nutrients, lifting crop yields.
- Fruit shape, colour and sugar content and therefore essential for crop quality.
- Water use efficiency helping control water loss in hot weather and improves tolerance to cold eg frosts, and so essential to stress tolerance.
- Cell wall strength, helping plants tolerate disease and insect infection.

Low N : K ratio

Krista K Plus and Unika Kali have a low N : K ratio of 1 : 3 making them ideal for use during flower and fruit production.

Compatibility

Krista K Plus can be mixed with all water soluble fertilizers.

High purity

Krista K Plus and Unika Kali are free of chlorine, sodium and heavy metals.

Product produced by SQM

Available from