

PeKacid -00-60-20 Fertilizer

The perfect solution when your crops need a boost of water-soluble phosphorus and potassium

0	60	20
N	P_2O_5	K_2O

Description

PeKacid 0-60-20 is ICL's highly acidic (pH=2.2), fully-soluble phosphorus and potassium fertilizer formulated for fertigation applications for calcareous soils and/or high bicarbonate content irrigation waters. PeKacid has anticlogging action and acidifying power, providing blockage-free irrigation. It reduces the pH of the irrigation water, which helps to prevent precipitates, keeping irrigation systems clean. Therefore, PeKacid replaces the conventional application of phosphoric acid, resulting in an easier, safer and more effective fertigation. Easy to dissolve, it's ideal in a fertigation system for your open-field or soilless crops. You could also use it in a tank mix with calcium and magnesium, thanks to its acidity. It's low in sodium, free of chloride, and highly soluble at 670 g/l water (at 20°C).

Related technologies

PeKacid technology

It combines the advantages and efficiency of phosphoric acid with the ease and safety of a solid crystalline fertilizer. The use of PeKacid (an "acid-in-the-bag" product) replaces the conventional application of technical acids for agricultural use, resulting in an easier, safer and more effective fertilization process. Due to its acidic nature, PeKacid has an anti-clogging effect on irrigation systems and also enhances nutrients' uptake. ICL uses the PeKacid technology in many of their water-soluble formulations.

Learn more about PeKacid Technology

Guaranteed analysis

Oxide

N	Total Nitrogen	**0%**
P_2O_5	Phosphorus Pentoxide	**60%**
	Water soluble (P_2O_5)	60%
K_2O	Potassium Oxide	**20%**
	Water Soluble (K_2O)	20%

Benefits

- Rich source of phosphorus and potassium
- Acidifying effect prevents clogged lines and can clean fertigation systems
- Easy to dissolve

Application rates

Recommended dilution rate, for stock solutions: 10-15 kg / 100 l water	
Minimum Average	10kg/acre
Maximum Average	25kg/acre

Trial first on a small scale before changing the rate, or any other variables, As circumstances can differ and the application of our products is beyond our control, ICL cannot be held responsible for any adverse results

How to use

1. Suitable for fertigation.
2. Its acidifying effect will prevent clogging in your fertigation lines and regulate the pH level in soil solution for better nutrient uptake.

3. Depending on the amount of bicarbonate HCO3 that needs to be reduced, PeKacid might be enough, eliminating the need for additional acidifiers.
4. PeKacid has a potent acidifying effect: 0.24 g will buffer 1 mmol (61mg) HCO3 or 1 g will buffer 4.2 mmol (256 mg) HCO3.
5. PeKacid can be used briefly to clean pipes. We recommend doing this between cultures. Put 3.5 to 5 kg/m3 of PeKacid in the solution and run the system for 15 minutes. Then rinse the system with clean water for 15 minutes.
6. If you need more information, please contact your technical support.

To be used primarily for Fertigation applications

Explore Topics

PeKacid Technology

Attention

Contact your ICL advisor for more detailed advice. Trial first on a small scale before changing the rate, application, or any other variables. As circumstances can differ and as the application of our products is beyond our control, ICL cannot be held responsible for any adverse results.

https://icl-growingsolutions.com/en-in/agriculture/products/peak-pekacid-00-60-20/

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