WATER SOLUBLE NPK

Iperen IPE | 20 - 13 - 20 + TE + IPE

Iperen IPE | 20 - 13 - 20 + 2MgO + TE + IPE is part of our Iperen IPE line with IPE technology, to Increase Phosphate Efficiency.

The IPE technology is integrated in our Iperen Water Soluble NPK's for fertigation and is effective in alkaline as well as acidic soils.

Iperen IPE 20 - 13 - 20 + 2MgO + TE + IPE is recommended when the crop is in need of a rich and balanced NPK formulation. It is the perfect replacement for the standard 19 - 19 - 19 + 2MgO + TE, due to the IPE effect. Research shows that a lower level of Phosphates combined with the Iperen IPE technology is an efficient way to achieve strong initial plant development!

The IPE technology can also be integrated in our Microgranulated and Liquid NPK's for pop-up or in-furrow application.

Iperen IPE if innovation counts! Interested to learn more, visit our website!

Iperen IPE Technology

A well known agricultural challenge is the fixation of phosphates in alkaline and acidic soils. Once Phosphates are fixated they become unavailable to the plant. To cope with the fixation of Phosphates, Van Iperen developed the Iperen IPE technology.

The Iperen IPE technology increases the level of plant available Phosphates significantly. It does not only release Phosphates absorbed to soil particles. It also prevents fixation of fresh applied Phosphates. Due to the Increased Phosphate Efficiency, the Iperen IPE technology has a clear effect on the initial plant development. Even with reduced Phosphate levels upto 30 percent.

Product characteristics

- Water Soluble NPK for fertigation with an Increased Phosphate Efficiency effect
- Higher Phosphate availability with less fresh Phosphates applied
- Releases Phosphates that are precipitated with Calcium (alkaline soils)
- Releases Phopshates that are precipitated with Iron or Aluminum (acidic soils)
- Releases Phosphates fixated to soil particles
- Improved initial plant development and flowering
- Highly soluble product, pure and free of dust with limited caking sensitivity

Packaging

Available in packages of 1.000 kg, 25 kg, 5 kg and 1 kg.

Dosing instructions | Fertigation application

Crop	Application date	Dosage in kg / ha
Fruit trees	Just after flowering stage, during intensive vegetative growth and fruit development	100 - 200 kg
Vineyard	Just after bud opening until main vegetative growth stage	100 - 150 kg
Citrus	After winter, during early vegetative growth	150 - 300 kg
Vegetables (potato, onion, carrot)	From vegetative growth till tuber initiation and until 10 days before end of tuber enlargement	100 - 200 kg
Vegetables (tomato, cucumber)	As of start vegetative growth until beginning of fruit setting	150 - 300 kg
Banana	All season	150 - 250 kg

The mentioned indicated dosages, number of applications, concentration and application stages are subject to soil and climatic conditions, influence of previous crops and other specific conditions. Exact dosages, concentrations and application stages can only be given after an objective diagnostic procedure by e.g. soil, substrate and / or plant analyses.

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