

High Performing Solutions | IPE® Technology
Increased Phosphate Efficiency

Iperen IPE® 11 - 44 - 11 + TE



Composition (%w/w)

Total Nitrogen	11%
Nitric Nitrogen	2.5%
Ammoniacal Nitrogen	8.5%
Phosphorus Pentoxide	44%
Potassium Oxide	11%
Boron	0.01%
Copper	0.006%
Iron	0.05%
Manganese	0.02%
Molybdenum	0.004%
Zinc	0.008%

Agronomical Targets



Compatibility

Compatible with other fertilizers, with the exception of Calcium fertilizers. Therefore a separate tank is needed or fertilizers should be applied on different times. The pH of the tank solution should be above 4.

Iperen IPE® | 11 - 44 - 11 + TE is a pure WS NPK with a high level of Phosphate combined with EDTA chelated micronutrients. Due to the Iperen IPE-Technology the Phosphate efficiency is comparable to 10 - 52 - 10 + TE. Our product has a limited caking sensitivity and is recommended during root and shoot development. The Iperen IPE Technology in our formula releases soil fixated Phosphates and overcomes the precipitation of fresh applied Phosphates. The IPE-effect has been proven in many scientific trials. Today IPE Technology is used globally to better manage Phosphates needs. Produced in our own plant TTD.

- Improves root and shoot growth with high quality buds
- Micronutrients 100% chelated and fully available
- Developed for fertigation in open field and greenhouses. Also suitable for foliar application

Product Characteristics


- Rapidly dissolvable
- Low on Sodium and Chloride
- This formula is an example of our broad range of WS NPKs
- Production process certified according to ISO 9001:2015
- Easy to handle, dissolve and apply



Did you know?

Many trials across the world have shown that growers can reduce up to 30% of their Phosphate input by using IPE technology without compromising their crop performance.

Dosage | Fertigation

Crop	Application date	Min kg/ha/season	Max kg/ha/season
 Citrus	<ul style="list-style-type: none"> • During entire fertigation program • Spring application • Winter application 	150	300
 Potato	<ul style="list-style-type: none"> • As of start of fertigation • Until tuber filling 	100	200
 Stone fruit	<ul style="list-style-type: none"> • As of start of fertigation • Until 4 weeks before harvesting 	100	200
 Vineyards	<ul style="list-style-type: none"> • As of leaf bud opening • Until petal fall 	50	200
 Fruit vegetables	<ul style="list-style-type: none"> • As of transplanting • Until 4 weeks before harvesting 	100	250
 Banana	<ul style="list-style-type: none"> • During entire fertigation program 	200	300
 Strawberry	<ul style="list-style-type: none"> • As of transplanting • Until 4 weeks before harvesting 	100	250

Let's make the green switch!

We are Van Iperen International a Dutch producer of Specialty Fertilizers and Biostimulants. We are eager to change the rules of the game in plant nutrition, by providing highly innovative solutions to growers for more sustainable agriculture. Your local Van Iperen Sales Manager will help you and guide you to make the green switch together.

www.vaniperen.com

The mentioned indicated dosages and application stages are given as a guideline. Exact dosages, concentration and application stage are subject to local conditions, use of other fertilizers and can only be given after an objective diagnosis.

Packaging