

WATER SOLUBLE NPK

## Ubinas | 20 - 20 - 20 + TE



Ubinas | 20 - 20 - 20 + TE with balanced NPK levels is part of our Iperen Water Soluble NPK range.

Ubinas is recommended when high rates of all nutrients are required by the crop during critical growth stages, e.g. during intensive shoot and/or fruit development, after winter dormancy, or for intensive nutrients charging of perennial crops at autumn time. They can also be used when plants need extra care after being exposed to stress.



All our NPK's are rich in nutrient content and based upon the highest quality raw materials: highly soluble, dust-free and with a low sensitivity for caking. The raw materials also have a high, efficient nutrient content and a limited amount of undesired salts. The products are low on Chlorine and Sodium. We use low biuret urea when urea is required. Our NPKs can be supplemented with high levels of fully chelated trace elements.

Ubinas 20 - 20 - 20 + TE can be used in combination with the other fertilizers in the Iperen Water Soluble NPK product line.

Ubinas, the foundation of each fertilizer program! Interested to learn more, visit our website!

### Product characteristics

- A highly efficient source of nitrogen (N), phosphorus (P), potassium (K) in a fully balanced ratio.
- To be used throughout the entire crop cycle
- Highly soluble, pure, free of dust and with limited sensitivity for caking
- Low on sodium and chloride
- Trace elements are fully chelated
- Specially designed for foliar feeding
- Specially designed for fertigation in soil as well as high tech, soilless
- Compatible with most water-soluble fertilizers, except fertilizers containing Calcium. In this case, two tanks are required or fertilizers should be applied separately

### Packaging

Available in packages of 1.000 kg, 25 kg, 15 kg, 5 kg and 1 kg.



## Dosing instructions | Fertigation

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

## Dosing instructions | Foliar

Crop	Application date	Dosage per application*	Concentration of spray solution (w/v)
Fruit trees (stone fruit)	During intensive growth, fruit development (15 days interval)	3 - 6 kg	0.3 - 0.5%
Citrus	During vegetative growth and after harvest	5 - 10 kg	0.5 - 1.0%
Strawberry	During early vegetative growth and after each harvest	2 - 5 kg	0.3 - 0.5%
Melon	During vegetative growth	3 - 6 kg	0.5 - 0.8%
Banana	All season, at times of growth initiation, flowering	5 - 10 kg	0.3 - 0.5%
Vegetables (onion, carrot, potato)	3 applications during growth stages	3 - 6 kg	0.3 - 0.5%
Vegetables (tomato, cucumber)	As of start vegetative growth until beginning of fruit setting	5 - 10 kg	0.4 - 0.6%
Field crops (corn, rape, wheat, sugar, beets)	From enough foliar coverage 3 applications during growth stages	3 - 6 kg	0.5 - 1.0%
Olive	Spring, during vegetative growth, flowering and until two weeks after fruit set	5 - 10 kg	0.5 - 1.0%
Vineyard	3 times from early vegetative growth and until start of fruit development	3 - 5 kg	0.3 - 0.5%

\* Depending on the amount of water used.

In case of foliar feeding as part of a spray-mix, testing the intended spray-mix on a small area is recommended prior to commercial treatment.

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.

