

WATER SOLUBLE NPK

Colo 10-5-38 + 3MgO + TE



Colo 10 - 5 - 38 + 3MgO + TE with high Potassium levels is part of our Iperen Water Soluble NPK range.

Colo 10 - 5 - 38 + 3MgO + TE is recommended when high rates of Potassium (K_2O) are required by the crop during critical growth stages. E.g. when fruits or tubers start to grow till the end of the ripening period, before winter dormancy for intensive nutrient charging of perennial crops at autumn time or during periods when the plants need extra care due to a-biotic stress like excessive heat or drought.



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.

Colo 10 - 5 - 38 + 3MgO + TE can be used in combination with the other fertilizers in the Iperen Water Soluble NPK product line.

Colo 10 - 5 - 38 + 3MgO + TE, the Potassium solution for each fertilizer program with Water Soluble NPK's! Interested to learn more, visit our website.

Product characteristics

- A highly efficient source of Potassium (K_2O)
- To be used during specific critical growth stages
- 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 and 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	Possible use from the beginning of fertigation program till 3-4 weeks before harvest	150- 400 kg
Vineyard	Possible use from the beginning of fertigation	100 - 250 kg
Citrus	During the entire fertigation program	150 - 400 kg
Vegetables (patato, onion, carrot)	After germination, during tuber initiation and bulking	100 - 200 kg
Processing (tomato, cucumber)	Beginning of vegetative growth and possible use till 2-4 weeks before harversting	100 - 300 kg
Banana	During the entire fertigation program	200 - 500 kg

Dosing instructions | Foliar

Crop	Application date	Dosage per application*	Concentration of spray solution (w/v)
Fruit trees	3 - 5 applications, at 14 - 21 days intervals: - Starting after fruit-set.	7 - 12 kg	0.5 - 1.5%
Citrus	2 - 3 applications: - During fruit development	6 - 15 kg	1.0 - 1.5%
Strawberry	During fruit development	5 - 8 kg	1.0 - 1.5%
Melon	1 - 3 applications, at 14-days intervals: - During vegetative growth - After flowering - Throughout fruit development	4 - 8 kg	1.0 - 1.5%
Banana	4 - 10 applications - From "small"stage till beginning of fruit filling	6 - 15 kg	1.0 - 2.0%
Vegetables (onion, carrot)	3 applications, at 10-15 days intervals: - From 4 weeks after germination,	3 - 8 kg	1.0 - 2.0%
Vegetables (tomato, cucumber)	2 - 4 applications, at 10 days interval: - As of fruit setting	4 - 8 kg	0.5 - 1.0%
Field crops (potato, sugar, beets)	1 - 2 applications: - During vegetative growth - During grain filling	3 - 6 kg	1.0 - 1.5%
Olive	3 - 4 applications: - During spring, before flower induction and during fruit filling	8 - 15 kg	1.0 - 2.0%
Vineyard	From bud opening till 3 - 4 weeks prior to harvest	3 - 6 kg	0.5 - 1.0%

* 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.