

# About SUPER FK

*SUPER FK is a unique polyphosphate fertilizer, which has been used successfully in The Netherlands for many years. The use of SUPER FK results in a better start, with an improved root system, an active, strong and healthy crop, with a higher yield.*

SUPER FK phosphate is much better available for the roots compared to ordinary orthophosphates, (e.g. from MKP) even with high pH levels (pH >6.2) in the substrate, which are very common. Also elements like Ca, Mg and micronutrients remain better available for the crop by the use of SUPER FK.

This means more efficiency of the applied fertilizers by SUPER FK.

15 years ago, SUPER FK started in The Netherlands as an alkaline liquid PK fertilizer, as part of the SUBSTRAFEED package. Due to the success of SUPER FK in almost every crop, this unique phosphate type has now been included in many other Yara products, such as in different KRISTALON grades, Yara's top water soluble NPK range, and also in PG MIX - an NPK fertilizer for potting soil applications.



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## About Yara

Yara's knowledge, products and solutions grow farmers', distributors' and industrial customers' businesses profitably and responsibly, while protecting the earth's resources, food and environment.

Our fertilizers, crop nutrition programs and technologies increase yields, improve product quality and reduce the environmental impact of agricultural practices. Our industrial and environmental solutions improve air quality by reducing emissions from industry and transportation, and serve as key ingredients in the production of a wide range of goods. We foster a culture that promotes the safety of our employees, contractors and societies.

Founded in 1905 to solve emerging famine in Europe, today, Yara has a worldwide presence, with close to 13,000 employees and sales to about 160 countries. [www.yara.com](http://www.yara.com)



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Knowledge grows

# YaraTera™ SUPER FK™ 30

Stronger & healthier crops  
Better roots - Improved yield





# YaraTera™ SUPER FK™ 30



# YaraTera™ SUPER FK™ 30

pH neutral - easier and safer to use



## YaraTera SUPER FK 30

A pH neutral liquid PK- fertilizer, with 30% SUPER FK phosphates.

SUPER FK 30 is the latest product added to the range of SUPER FK products. It is a pH neutral liquid PK-fertilizer, and 30% of the P in this product originates from SUPER FK phosphate. This is the same raw-material as used for the original alkaline SUPER FK. The remaining 70% of the P is other polyphosphates.

*By having this mixture it is possible to create a clear and pH neutral liquid PK fertilizer with 30% SUPER FK original inside!*

## Easier and Safer to use

YaraTera SUPER FK 30 is a pH neutral product and therefore much easier and safer to use. (Safety First)

The original alkaline SUPER FK contains 100% of this unique polyphosphate. The pH of this product is pH > 11. It is the purest variant, but due to the composition of recipes, the use of acid is also required.

However, YaraTera SUPER FK 30 is pH neutral. This means only 10, up to 20 liters maximum, needs to be added to the B-tank (100X1000) to experience all the benefits of SUPER FK.

## Results and benefits

The use of YaraTera SUPER FK 30 gives the same great results to the crop as the other SUPER FK products. The mineral cleaning effect of the drip system is also the same.

### YaraTera SUPER FK 30 effects summarized:

- A better developed root system
- A stronger, faster and healthier crop.
- An improved production, in both quantity and quality.
- A more profitable crop.
- Avoids nutrient precipitation, at pH > 6.2 drip water.
- A cleaning effect on the irrigation system.

## Application recommendations

YaraTera SUPER FK 30 is suited for most types of fertigation systems; from basic to sophisticated, from inside the greenhouse to outside in the open field. YaraTera SUPER FK 30 is even suited for recirculation systems where up to 30% of the drainage water is used. In closed fertigation systems, with 100% recirculation of drainage water, it is recommended to use the original alkaline SUPER FK to achieve the best results.

Product Name	Product Type	Description
YaraTera SUBSTRAFEED SUPER FK	Liquid PK fertilizer (pH >12)	Part of SUBSTRAFEED package, for high-end horticulture with closed recirculation systems.
YaraTera SUPER FK 30	Liquid PK fertilizer, (pH neutral)	For straight fertilizer users, suitable for all fertigation systems, from greenhouse hydroponics, to basic open field systems.
YaraTera KRISTALON SUPER	Water Soluble NPK fertilizer	Part of YaraTera KRISTALON water-soluble NPK range. suitable for all fertigation systems, from greenhouse hydroponics, to basic open field systems.
PG- MIX SUPER	NPK fertilizer	Potting soil fertilizer, Dry applied, to mix in potting soil.

## Specification & availability

P <sub>2</sub> O <sub>5</sub>	: 18,8% (= 2,65 mol/Kg P)
K <sub>2</sub> O	: 6,3% (= 1,35 mol/Kg K)
Na	: 4,3% (= 0,94 mol/Kg)
Density	: 1,3 Kg/Liter
pH (10%)	: 6-8

YaraTera SUPER FK 30 is available in 20 liter cans, in 200 liter drums and 1000 liter IBC's

## How to use

- Always use YaraTera SUPER FK 30 in the B-tank - the tank that contains Phosphates and Sulfates.
- Dose micronutrients to the A-tank – the tank that contains Calcium.
- For a tank size of 1000 liters and concentration 100x, add between 10-20 liters of YaraTera SUPER FK 30 to the B-tank, after all other fertilizers are dosed. (Remove 4 Kg MKP to compensate the added nutrients from 10 liters of YaraTera SUPER FK 30).
- Make sure all fertilizers are mixed very well, to obtain a homogeneous solution.

In case of an irrigation system with caked nutrient precipitation on the inside, always check inside the system several times after dosing with YaraTera SUPER FK 30 for the first time. Begin the following day until the system is clean. Flush the system until all bigger particles are removed.



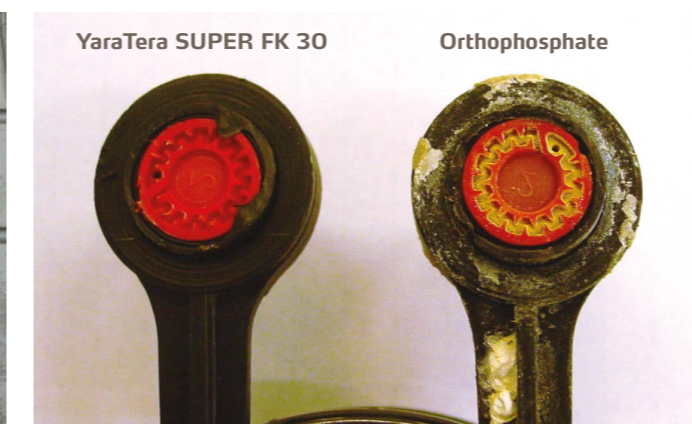
A more profitable crop



A stronger and faster crop



Better developed roots



A clean irrigation system

