



pH-CORRECTORS

The pH-value of the nutrient solutions

For cultivation with hydro and coco it is necessary that the feeding water is set to a certain pH-value. This pH range is around pH 6 (5.8 - 6.2). But small deviations above or below this value are still acceptable.

The reason for this is that the feeding water determines the root environment because the hydroponic mediums are neutral and only give support to the roots, they cannot store the nutrient particles.

For soil this is different, since it is able to store the nutrients and distribute them to the plant over several days, during which the pH value in the soil itself decreases.

The feeding water for **hydro and coco cultivation** however actually runs along the roots and must at this point contain all substances in the proper concentration required by the plant. That is also why the pH-value must be optimal at the moment of feeding, in order to be able to absorb all nutrients maximally.

If the pH is much lower, the roots could be damaged.

If the pH is much higher, the plant can no longer absorb all nutritional components.

Furthermore, plants like constant pH-values, which makes it necessary to check and, if needed, to adjust the pH of the nutrient reservoir for hydroponic cultivation.

**USE AS LITTLE
ACID AS POSSIBLE,
AS THIS
INCREASES THE EC
AND CHANGES
THE NPK!**



Available in 1000ml

pH correction with Hesi

The Hesi line contains three different pH-correction products:

pH minus Growth
Nitric acid 38%

Functioning:
lowers the
pH-value

Use:
during
growth



pH minus Bloom
Phosphoric acid 59%

Functioning:
lowers the
pH-value

Use:
during
flowering



pH plus
Potassium hydroxide 50%

Functioning:
raises the
pH-value

Use:
during growth
and flowering.



Dosage:

Carefully correct the pH-value in the nutrient reservoir as needed and record the quantity of consumed pH-correctors for a subsequent feeding.