



CANNA AQUA: HYDROPONICS MADE EASY



CANNA AQUA VEGA

The growing phase of the plant is very important. In this period the plant lays the foundation for the flowering phase and a high yield. The nutrients in CANNA Aqua Vega contain all the essential elements for optimal growing during this phase.

Advantages of CANNA Aqua Vega

- Easy-to-use and specifically developed for the growing phase
- No need to adjust the pH after initial setting
- Directly absorbable compounds



CANNA AQUA FLORES

During the flowering phase the plant has different nutrient needs. During this period there is an increased need for phosphorous and potassium. Aqua Flores is rich in dissolved and readily available phosphorous and potassium allowing the plant to absorb what it needs for optimal flowering/fruit formation.

Advantages of CANNA Aqua Flores

- Contains all the essential ingredients for lush flowering and yield
- Aqua Flores helps fruit formation and can enhance flavour and smell
- No need to adjust the pH after initial setting



CANNA RHIZOTONIC

CANNA RHIZOTONIC is a powerful, algae based, vegetative stimulator for plant roots. It contains multiple vitamins and is 100% natural. The more than 60 microbiological substances enhance the plant's hormone production and overall plant growth.

Besides stimulating root growth on plants that are already rooted, RHIZOTONIC also stimulates new root growth on cuttings and transplants. The various trace elements and vitamins such as B1&B2 stimulate the production of hormones and root growth, thus providing beautiful, strong white roots.



CANNAZYM

CANNAZYM is a high-quality enzyme product that speeds up the process of breaking down dead root material and activates beneficial microorganisms. The dead roots are turned into sugars, which make up a valuable source of nutrients for the plant.

CANNAZYM consists of different enzymes to which vitamins and extracts are added. This improves the plant's defence system and also stimulates the plant to form new roots.



CANNABOOST ACCELERATOR

CANNABOOST Accelerator boosts the metabolism of your plants. This is an important factor, because the uptake of nutrients depends greatly on the plant's health and metabolism rate.

This additive stimulates the development of new flowers. CANNABOOST isn't a nutrient but an additive that increases the plant's photosynthesis. This ensures that the fruits form faster and give them a better taste.



CANNA PK 13/14

CANNA PK 13/14 is a mixture of top quality nutritional minerals that stimulate flowering. It's easy-to-use and makes high yields. PK 13/14 is suitable for any growing medium.

Furthermore, it only needs to be applied for one week to the nutrient reservoir. If you do this at the right moment, you will get astonishing results in the bloom phase. Make sure to read the directions of use for the best benefits.

AQUA

GROW SCHEDULE



Cultivation period in weeks	Light / Day in hours	Aqua Vega ml/10 litres	Aqua Flores ml/10 litres	RHIzOTONIC ml/10 litres	CANNAZYM ml/10 litres	CANNABOOST ml/10 litres	PK 13/14 ml/10 litres	EC + in mS/cm	EC Total in mS/cm
< 1	18	15 - 25	-	40	-	-	-	0.7 - 1.1	1.1 - 1.5
0 - 3 ¹	18	20 - 30	-	20	25	-	-	0.9 - 1.3	1.3 - 1.7
2 - 4 ²	12	25 - 35	-	20	25	20 ³	-	1.2 - 1.6	1.6 - 2.0
2 - 3	12	-	30 - 40	5	25	20 - 40	-	1.4 - 1.8	1.8 - 2.2
1	12	-	30 - 40	5	25	20 - 40	15	1.6 - 2.0	2.0 - 2.4
2 - 3	12	-	20 - 30	5	25	20 - 40	-	1.0 - 1.4	1.4 - 1.8
1 - 2	10 - 12 ³	-	-	-	25 - 50 ⁴	20 - 40	-	0.0	0.4

GROWTH

Start / rooting (3 - 5 days) -
Wet the substrate.

Vegetative phase I -
Plants develop in volume.

Vegetative phase II - Up to growth stagnation after
fructification or appearance of the formation of flowers.

Generative Period I - Flowers or fruit's develop in length.
Growth in height achieved.

Generative period II -
Development of the volume (breadth) of flowers or fruit.

Generative Period III -
Development of the mass (weight) of flowers or fruit.

Generative Period IV -
Flowers or fruit ripening process.

FLOWERING

1 This period varies depending on the species and number of plants per m².
Mother plants remain in this phase until the end (6 - 12 months).

2 The changeover from 18 to 12 hours varies depending on the variety.
The rule of thumb is to change after 2 weeks.

3 Reduce hours of light if ripening goes too fast.
Watch out for increasing relative humidity.

4 Double CANNAZYM dosage to 50 ml/10 litres, if substrate is reused.

5 20 ml/10 litres standard. Increase to a maximum of 40 ml/10 litres
for extra flowering power.

EC: EC+ value is based in mS/cm when EC water = 0.0 at 25°C, pH 6.0.
Add the EC of the tap water that is used to the recommended EC!

The EC total in the example is with tap water with an EC of 0.4.

pH: Recommended pH is between 5.2 and 6.2.

Adding pH- can increase EC.

Use pH- grow in the vegetative phase to lower the pH.

Use pH- bloom in the generative phase to lower the pH.

The guidelines in the table aren't an iron law, but
can help novice growers to develop a sophisticated
fertilization strategy. The optimum fertilization strategy
is further determined by factors such as: temperature,
humidity, plant species, root volume, moisture
percentage in substrate, water dosage strategy, etc.

VEGETATIVE PHASE

GENERATIVE PHASE