

# Dutch solution for growth and bloom

**For cultivation on inert mediums,  
such as Clay-pebbles NFT, Aeroponics  
and other recirculating systems**

- **High yields**
- **Maximum control during growth  
and generative stages**
- **Professional nutrient  
containing all the essential  
elements for optimal growing**
- **Directly absorbable end product**
- **No residues in the end product**
- **Environmentally friendly**



CANNA is the Dutch expert and worldwide leader in fertilizer products and growing media for rapidly growing plants. CANNA's ready-to-use formulations are environmentally friendly and easy to use. This allows both less experienced and professional growers to achieve exceptional results. Each CANNA product has been carefully developed for use on a specific growing medium or method. The secret behind CANNA's superior quality is found in an optimal balance between main and trace elements for each growing medium and fertilizer combination.

Since 1985, CANNA has been used as the reference point for research and commercial standards for horticultural purpose nutrients in the Netherlands and abroad. Our team of horticultural experts is actively involved in scientific research and widespread cultivation projects. This research is used to assess bioactivity, yield, taste, smell, environmental damage and harmful residues, thus providing higher yields and quality products. CANNA is committed to constantly delivering the best product to fulfil the highest demands of our customers, and will improve on each product by constantly searching for innovations.

Today, CANNA is available throughout Europe, Australia, North America, the Middle East and parts of Africa. For more information, please visit [www.canna-hydroponics.com](http://www.canna-hydroponics.com)



## Dutch solution for growth and bloom

### The CANNA AQUA fertilizers

In order to provide the maximum influence on plant development, CANNA has developed CANNA AQUA for inert grow media (rock wool, perlite, clay pebbles) with special nutrients for fast-growing plants on recirculatory systems, such as NFT systems, or Aeroponics.

CANNA AQUA promotes large yields, as it enables the grower to precisely control the supply of nutrients during the growing and blooming phases of fast-growing plants. In these environments, other CANNA products such as CANNA PK 13-14 CANNAZYM and CANNA Rhizotonic also provide additional support during the different phases. With a combination of these CANNA products, the plant can concentrate fully on growing and blooming.

CANNA fertilizers are designed to complement plant's demands throughout its developmental stages. The fertilizers are readily absorbed by plants and provide the optimum balance of nutrients to produce strong, resilient plants. In order to provide for the plants needs as efficiently as possible, we have developed z for the growing phase and Aqua Flores for the blooming phase.



#### CANNA AQUA VEGA

In the first phase of a plant's growth, the basis is laid for the subsequent bloom activity and harvested yields. Vital growth shoots and luxuriant root development characterize healthy and strong growth.

Aqua Vega is specially designed to meet the plants needs in this phase. Aqua Vega is designed to fit various inert mediums. Full absorption of nutrients and water penetration from the start of the growth cycle are guaranteed by Aqua Vega's large quantities of directly absorbable nitrogen compounds and high-grade EDDHA iron chelates and trace elements. Always use A and B parts in equal amounts.



#### CANNA AQUA FLORES

In the brief but essential blooming period of a plant, it is vital that nutrients are directly available and properly composed.

Aqua Vega stimulates fructification and contains all the nutrition that a plant needs during this phase. For instance, plants need a considerably smaller amount of nitrogen during the blooming phase. On the other hand, the amount of potassium and phosphate needed is larger. Aqua Flores is rich in these compounds and specially chelated trace elements that can be absorbed directly, guaranteeing a perfect bloom. Always use A and B parts in equal amounts.

# CANNA AQUA



	Cultivation period In weeks	Light / Day In hours	Aqua Vega ml/ Gallon	Aqua Flores ml/ Gallon	RHIZOTONIC ml/ Gallon	CANNAZYM ml/ Gallon	CANNABOOST ml/ Gallon	PK 13/14 ml/ Gallon	EC + in mS/cm	
<b>VEGETATIVE PHASE</b>										
GROWTH	<b>Start / rooting (3-5 days) -</b> Aqua substrate wet	<1	18	6-10	-	15	-	-	0.7-1.1	
	<b>Vegetative phase I -</b> Plants develop in volume	0-3 <sup>1</sup>	18	8-12	-	8	10	-	0.9-1.3	
	<b>Vegetative phase II -</b> Up to growth stagnation after fructification or appearance of the formation of flowers	2-4 <sup>2</sup>	12	10-13	-	8	10	8 <sup>5</sup>	-	1.2-1.6
<b>GENERATIVE PHASE</b>										
FLOWERING	<b>Generative Period I -</b> Flowers or fruits develop in length. Growth in height achieved	2-3	12	-	12-15	2	10	8-15	-	1.4-1.8
	<b>Generative period II -</b> Development of the volume (breadth) of flowers or fruit	1	12	-	12-15	2	10	8-15	6	1.6-2.0
	<b>Generative Period III -</b> Development of the mass (weight) of flowers or fruit	2-3	12	-	8-12	2	10	8-15	-	1.0-1.4
	<b>Generative Period IV -</b> Flowers or fruit ripening process	1-2	10-12 <sup>3</sup>	-	-	-	10-19 <sup>4</sup>	8-15	-	0.0