

## CANNA TERRA

CANNA TERRA can be used for cultivation in both containers & beds, indoor & outdoors. The biggest advantages of growing with soil based systems are: it's easy to use and the tolerant nature of this medium. Small deviations in the given nutrients don't have immediate consequences on the crop.

CANNA TERRA nutrients are one-part nutrients for the growth and flowering stages. They contain the right amounts of nutritional elements to fulfill the needs of the plants in each stage. The plants develop strong, vital shoots and lush root development in the growing stage and full, dense fruits during flowering.

### Enforcement

Different types of soil retain different nutritional elements which could make precise control of the nutrient dosage challenging. This is made easy with the use of CANNA Terra Professional Plus medium which makes the most of the TERRA nutrients.

### High grade ingredients

CANNA Terra Professional Plus is a peat based soilless mix made up of exclusive, high grade ingredients such as airy peat moss and types of bark that have antiseptic and aeration qualities. This avoids the use of perlite and provides good fertility and excellent drainage. The medium is pH-adjusted for long-term control with a lime charge large enough to last an entire cycle.



## Grow Schedule





	Cultivation period In weeks	Light / Day In hours	Terra Vega ml/ Gallon	Terra Flores ml/ Gallon	RHIZOTONIC ml/ Gallon	CANNAZYM ml/ Gallon	CANNABOOST ml/ Gallon	PK 13/14 ml/ Gallon	EC + in mS/cm	PPM +	
<b>VEGETATIVE PHASE</b>											
GROWTH	<b>Start / rooting (3-5 days)</b> - Make substrate wet	1	18	6-13	-	15	-	-	0.4-0.8	300-590	
	<b>Vegetative phase I</b> Plant develops in volume	0-3 <sup>1</sup>	18	12-19	-	8	10	-	0.7-1.1	520-810	
	<b>Vegetative phase II</b> - Up to growth stagnation after fructification or appearance of the formation of flowers	2-4 <sup>2</sup>	12	13-21	-	8	10	8 <sup>5</sup>	0.9-1.3	670-960	
<b>GENERATIVE PHASE</b>											
FLOWERING	<b>Generative Period I</b> - Flowers or fruits develop in length. Growth in height achieved	2-3	12	-	19-27	2	10	8-15	1.2-1.6	890-1180	
	<b>Generative period II</b> - Development of the volume (breadth) of flowers or fruit	1	12	-	19-27	2	10	8-15	6	1.5-1.9	1110-1410
	<b>Generative Period III</b> - Development of the mass (weight) of flowers or fruit	2-3	12	-	15-23	2	10	8-15	-	1.0-1.4	740-1040
	<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	0.0

- This period varies depending on the species and number of plants per m<sup>2</sup>. Mother plants remain in this phase until the end (6 – 12 months).
- The changeover from 18 to 12 hours varies depending on the variety. The rule of thumb is to change after 2 weeks.
- Reduce hours of light if ripening goes too fast. Watch out for increasing Relative Humidity
- Double CANNAZYM dosage to 19 ml/gallon, if substrate is reused.
- 8 ml/gallon standard. Increase to a maximum of 15 ml/gallon for extra flowering power

EC: EC+ value is based in mS/cm when EC water = 0.0 by 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 5.8 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

PPM: PPM+ value is based on 0.74 conversion factor.

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.

Make your personal grow schedule at  
[www.cannagardening.com](http://www.cannagardening.com)