How to use/Example table

INTRODUCTION:

The life cycle of a plant can be divided in two main stages, the vegetative growth period and the flowering period.

Both stages can be subclassified into different stages with different needs.

VEGETATIVE GROWTH PHASE:

1.) Seedling stage (< 6”)
2.) Young plant & rooted cuttings (6-10”)
3.) Maturing plant (10-14”)
4.) Mature plant (>14”)

FLOWERING PHASE:

1.) Pre-flowering / Transition to flowering (week 1-3)
2.) Flower formation and growth (week 3-6)
3.) Ripening of flowers (week 7+)

Stages of the vegetative growth

Stages of the flowering cycle

EXAMPLE TABLE

ShortFlowering	Growing				Flowering								
	Seedlings (< 6")	Young plants / rooted cuttings (6-10")	Maturing plants (10-14")	Mature plants (>14")	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Grow / Short Flowering (g/gal)	2.1	2.3	2.5	2.6	3.0	3.0	2.6	2.3	2.3	1.9	1.9	1.5	FLUSH
EC (mS/cm)	0.8	0.9	1.0	1.0	1.1	1.1	1.0	0.8	0.8	0.7	0.7	0.6	0.0
TDS (ppm)	412	449	487	524	559	559	489	419	419	349	349	280	0
Booster PK+ (g/gal)							0.8	1.3	1.5	1.9	2.3	1.9	FLUSH
EC (mS/cm)							0.2	0.3	0.4	0.5	0.6	0.5	0.0
TDS (ppm)							100	175	200	250	300	250	0
Calcium (g/gal)	1.9	3.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.9	4.9	3.0	FLUSH
EC (mS/cm) Calcium	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.3	0.0
TDS (ppm)Calcium	100	160	200	200	200	200	200	200	200	260	260	16	0
EC total (mS/cm)	1.0	1.2	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.7	1.8	1.4	0.0
TDS total (ppm)	512	609	687	724	759	759	789	794	819	859	909	546	0

Amount of Nutrients per gallon water

Total EC/TDS values of the Nutrient Solution

EC/TDS Values of each product

***Hanna TDS (500ppm = 1,0 mS/cm)**

IMPORTANT!

- **The values in the following tables are calculated using water with EC 0.0**
- **The pH value may decrease depending on water quality and temperatures**
- **When adding Calcium the PH values may increase depending on water quality and temperatures**
- **Do not use CalMag with our mineral line. Calcium Nitrate is partly incompatible with Monopotassium Phosphate and Magnesium Sulfate and may result in formation of gypsum, clogging pipes or creating deficiencies**
- **Our mineral plant nutrients do not contain calcium, which means that if you use very soft water, rainwater or osmotic water, calcium needs to be added**
- **Keep the nutrient solution between 65 - 72 degrees F**
- **Control the EC of the runoff and flush if it’s higher than EC 2.5 (1250ppm)**
- **For best results maintain a pH value between:**
  - ***> Soil: 6.0 - 6.5***
  - ***> Hydro/Coco: 5.8 - 6.2***
  - ***> Rockwool: 5.5 - 6.0***

Feeding Schedule | Professional Grower

SOIL
(EC:1.0 mS/cm)

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TDS (ppm)	412	449	487	524	559	559	489	419	419	349	349	280	0
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