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

longFlowering	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	Week 10	Week 11	Week 12	Week 13
Grow / Long Flowering (g/gal)	2.3	2.5	2.8	2.8	3.0	3.0	2.6	2.5	2.3	2.3	1.9	1.9	1.5	1.5	1.5	1.5	FLUSH
EC (mS/cm)	0.9	1.0	1.1	1.1	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.0
TDS (ppm)	449	487	562	562	559	559	489	454	419	419	349	349	280	280	280	280	0
Booster PK+ (g/gal)							0.8	1.1	1.3	1.7	1.9	2.3	2.6	2.6	2.6	1.9	FLUSH
EC (mS/cm)							0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.7	0.6	0.5	0.0
TDS (ppm)							100	150	175	225	250	300	349	349	300	250	0
Calcium (g/gal)	1.9	3.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.9	4.9	4.9	3.8	3.8	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	0.4	0.5	0.5	0.5	0.4	0.4	0.3	0.0
TDS (ppm)Calcium	100	160	200	200	200	200	200	200	200	200	260	260	260	200	200	160	0
EC total (mS/cm)	1.1	1.3	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.7	1.6	1.4	0.0
TDS total (ppm)	549	647	761	761	759	759	789	804	794	844	859	909	889	829	779	689	0