# 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 vegetativ	of the e growth					Stag flow	ges of t ering cy	he /cle	EXA	MP TABLE	LE_
	W. 1		Gro	wing						lowering	3			
	ShortFlowering	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
A														
Amount of Nutrients _ per gallon water	Booster PK+ (g/gal)							0.8	1.3	1.5	1.9	2.3	1.9	FLUSH
per ganon water	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
		7												
Total EC/TDS values of -	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
the Nutrient Solution	TDS total (ppm)	512	609	687	724	759	759	789	794	819	859	909	546	0

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



Maturing plants Mature plants Week Week Week Week Week (10-14") 1 2 3 4 5 6 6 6 1.01 1.1 1.1 1.2 1.2 1.0 1.0 0.8 0.8 0.8 1.1 1.1 1.2 1.2 1.0 1.0 0.8 0.8 0.8 562 594 594 489 489 419 384 1.9 1.1 1.1 1.3 1.7 1.9 1.9 1.0 1.0 0.3 0.3 0.4 0.5 1.0 1.0 0.3 0.3 0.4 0.5 1.0 1.0 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.5 200 200 200 200 200 200 200 200 200 20		Gro	Growing		•		•	•	Flowering	ering				
2.8 3.2 3.2 2.6 2.6 2.3 2.1   1.1 1.2 1.2 1.0 1.0 0.8 0.8   562 594 594 489 489 419 384   1.1 1.3 1.7 1.9   0.3 0.3 0.3 0.4 0.5   150 175 225 250   200 200 200 200 200 200   200 200 200 200 260	Seedlings Young plants / rooted cuttings (< 6") (6-10")	its/	Maturing plants (10-14")	Mature plants (>14")			Week 3	Week 4		Week 6	Week 7	Week 8	Week 9	Week 10
1.1 1.2 1.2 1.0 1.0 0.8 0.8   562 594 594 489 489 419 384   1.1 1.3 1.7 1.9   1.2 1.1 1.3 1.7 1.9   1.3 1.7 1.9 0.5   1.4 1.5 1.5 0.5 0.5   1.5 1.5 1.5 225 250   1.5 1.5 1.5 225 250   1.5 1.5 1.5 225 250   1.5 1.5 1.5 3.8 3.8 4.9   1.5 1.5 0.4 0.4 0.5 0.5   1.5 1.5 1.5 0.4 0.5 0.5	2.3 2.5		2.8	2.8	3.2	3.2	5.6	5.6	2.3	2.1	1.9	1.9	1.5	FLUSH
562     594     594     489     489     419     384       1.1     1.3     1.7     1.9       1.1     1.3     1.7     1.9       1.2     0.3     0.3     0.4     0.5       1.5     1.7     1.9     0.5     250       200     200     200     200     200     260       200     200     200     200     260     260	0.9 1.0		1.1	1.1	1.2	1.2	1.0	1.0	0.8	0.8	0.7	0.7	0.6	0.0
3.8 3.8 3.8 3.8 3.8 3.8 4.9 0.5 0.0 200 200 250 250 250 200 200 200 200 20	449 487		562	295	594	594	489	489	419	384	349	349	280	0
3.8 3.8 3.8 3.8 3.8 3.8 4.9 0.5 0.0 200 200 260 250 250 200 200 200 200 200 200 200 20														
3.8 3.8 3.8 3.8 3.8 3.8 4.9 0.5 0.4 0.5 0.4 0.5 0.5 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5							1.1	1.3	1.7	1.9	2.3	2.3	1.9	FLUSH
3.8 3.8 3.8 3.8 3.8 4.9 0.4 0.4 0.4 0.4 0.5 0.0 200 200 260 260							0.3	0.3	0.4	0.5	9.0	9.0	0.5	0.0
3.8 3.8 3.8 3.8 4.9 0.4 0.4 0.4 0.4 0.4 0.4 0.5 200 200 200 200 200 200 260							150	175	225	250	00E	300	250	0
3.8 3.8 3.8 3.8 4.9 0.4 0.4 0.4 0.4 0.4 0.4 0.5 200 200 200 200 200 200 260														
0.4     0.4     0.4     0.4     0.4     0.4     0.5       200     200     200     200     200     260	1.9 3.0		3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.9	4.9	4.9	3.0	FLUSH
200   200   200   200   200   260	0.2 0.3		0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.3	0.0
	100 160		200	200	200	200	200	200	200	260	260	260	160	0

0.0

1.4 689

606

606 1.8

844 1.7

864

839

1.7

1.7

1.6 794

1.6

1.5

1.5

1.3

1.1 549

EC total (mS/cm)

TDS total (ppm)

1.8 894