Proper Plant Conditions from Beginning to End

Unrooted Clone & Seed (1" - 6"):	
**Stage #1 = 2-3 weeks	
PPM	200 - 400
PH	5.3 - 6.3
Air Temp.	74 - 79
Water Temp.	75 - 80
Humidity	75 - 90
Lights	20 on, 4 off
Clone Foliar Spray	PH 6.0 - 7.0
Clone Foliar Spray	PPM 200 - 400

Vegetated Small Rooted Clone & Seed (6" - 12"):	
**Stage #2 = 2-3 weeks	
PPM	400 - 700
PH	5.3 - 6.3
Air Temp.	75 - 80
Water Temp.	65 - 77
Humidity	60 - 75
Lights	18 on, 6 off
Veg Foliar Spray	PH 6.0 - 7.0
Veg Foliar Spray	PPM 400 - 700

(FLUSH NOW)

Vegetated Big (13" - 24") - This stage can be skipped:	
**Stage #3 = 2-3 weeks	
PPM	700 - 1000
PH	5.3 - 6.3
Air Temp.	75 - 80
Water Temp.	65 - 75
Humidity	55 - 70
Lights	18 on, 6 off
Veg Big Foliar Spray	PH 6.0 - 7.0
Veg Big Foliar Spray	PPM 500 - 800

(FLUSH NOW)

Start - Flower Small (16" - 30") - Transition:	
**Stage #4 = 2-3 weeks	
PPM	800 - 1100
PH	5.3 - 6.3
Air Temp.	75 - 80
Water Temp.	65 - 75
Humidity	55 - 65
Lights	12 on, 12 off
Flower Foliar Spray	PH 6.0 - 7.0
Flower Foliar Spray	PPM 600 - 900

Middle - Flower Big (18" - 36"):	
**Stage #5 = 2-3 weeks	
PPM	900 - 1200
PH	5.4 - 6.3
Air Temp.	75 - 80
Water Temp.	65 - 75
Humidity	50 - 60
Lights	12 on, 12 off
No Foliar Spray	n/a

(FLUSH NOW)

End - Flower Big to the End (24" - 48"):	
**Stage #6 = 2-3 weeks	
PPM	1000 - 1400
PH	5.5 - 6.3
Air Temp.	75 - 80
Water Temp.	65 - 75
Humidity	45 - 55
Lights	12 on, 12 off
No Foliar Spray	n/a

(FLUSH NOW)

Final - (30" - 48"):	
**For taste & ripening run Guano and Flavor Enhancer	
**For bulking run Cal-Mag	
**Stage #7 = 5-7 days	
PPM	300 - 600
PH	5.8 - 6.3
Air Temp.	70 - 80
Water Temp.	65 - 75
Humidity	40 - 50
Lights	11 on, 13 off

Flush & Water:	
**First run flush then flush with R/O water only.	
(Try to change your water 2-3 times)	
**Stage #8 = 5-7 days	
PPM	0 - 300
PH	6.0 - 6.4
Air Temp.	70 - 75
Water Temp.	65 - 75
Humidity	35 - 50
Lights	10 on, 14 off

**The values suggested here are for reference only. Specific environmental conditions, lights, food and PH levels will vary dependent upon plants species and/or cultivars. Always determine the optimum growing conditions for your plants before you begin any program.

IF ANY OF THESE PARAMETERS ARE OUT OF SPECIFICATION REDUCE PPM/NUTRIENT STRENGTH BY 25% IN ALL STAGES