

PPM Values of RAW products in 1 Gal. of Water



All values are in parts per million (PPM) per 1 Gal / 4 Liters

	PPM Values
Amount of Water	1 Gallon of Water
GROW	1 tsp in 1 gallon = approx. 380 PPM
BLOOM	1 tsp in 1 gallon = approx. 380 PPM
Nitrogen	1/8 tsp in 1 gallon = approx. 180 PPM
Phosphorus	1/8 tsp in 1 gallon = approx. 75 PPM
Potassium	1/8 tsp in 1 gallon = approx. 170 PPM
Kelp	Supplement: PPM levels: n/a
Humic Acid	Supplement: PPM levels: n/a
Silica	Supplement: PPM levels: n/a
Yucca	Supplement: PPM levels: n/a
B-Vitamin	1/8 tsp in 1 gallon = approx. 65 PPM
Calcium / Mag	1/8 tsp in 1 gallon = approx. 70 PPM
Full Up	Supplement: PPM levels: n/a
ominA	Supplement: PPM levels: n/a
Cane Molasses	Supplement: PPM levels: n/a
Microbes Grow Stage	Supplement: PPM levels: n/a
Microbes Bloom Stage	Supplement: PPM levels: n/a
Enzymes	Supplement: PPM levels: n/a
Amino Acids	Supplement: PPM levels: n/a

1. Ideal daytime temperature should be 75° - 80° F. If using extra CO2 temps can be 75° - 85° F.
2. Ideal night time temperature should be 66° - 72° F.
3. Humidity in the grow stage should be approx 60% and in flowering stage should be approx 50%.
4. Always check pH before adding Microbes and/or feeding your nutrient solution to your plants. Aim for 6.0 pH.
5. PPM of your nutrient solution should be 600 - 800 in Grow and 800 - 1000 in Flowering. Some plants may need more than this. Start low and you can always add more fertilizer. It's hard to take it out once it's in your grow medium!
6. Fertilize 1 - 2 times per week and use straight water in between, when needed (feed, water, feed (or) feed, water, water, feed).
7. Soil and Coco growers should test the PPM's of your runoff after watering. If it is much higher than what you just fed, use less (or no) fertilizer on the next watering. Be careful not to OVER water. If the top 1" - 2" of medium feels dry, it's generally safe to water your plant.

For more grow tips, check out NPK-University.com for our weekly live classes. Check out [NPK Industries on YouTube!](#)