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INNOVATE THE WAY WE

GROW



NFT HYDRO NUTRIENT MIXING INSTRUCTIONS

1. Nutrients

- Hydroponic 1Kg to 1000 litres of water.
- Solu-cal 650g to 1000 litres of water.

2. Mixing Instructions

- In general, we use 2 x 10L buckets to mix a concentrated mix keeping Hydroponic & Solu-cal separate! Important as when mixed together and left to stand sedimentation occurs.
- Empty the contents of the Hydrofood NPK packet (1Kg) into one bucket.
- Stir or shake well till fully dissolved (this becomes the concentrate mix).
- Fill one easy squeeze just makes it easier.
- Empty the contents of the Calcium Nitrate packet (650g) into the other bucket.
- Stir or shake well till fully dissolved (this becomes the concentrate mix).
- Fill the other easy squeeze.
- When topping up our NFT reticulation tank for the various crops using say a 10 liter bucket of water we add (from concentrate) 100ml Hydroponic & 100ml Solu-cal, provided the nutrient rich solution is moving little or no sedimentation occurs.

From our mixing instructions we suggest using 2x 10L buckets which separately keep as the “concentrate stock”. This mixed, one bag Hydroponic into 10L water, the other 10L takes the bag of Calcium Nitrate, mix/shake well until properly dissolved. Note: these are concentrate mix, store in a dark place.

At day of mixing a new batch/top-up of nutrient for the “growing stage” (second truss to flowering) add to each 10L fresh water 100ml Hydroponic concentrate and then 100ml Calcium Nitrate concentrate. Note: If the nutrient solution is left to stand sedimentation may occur, thus the pump is let to run continually.

For the “seeding stage” (seed to first truss/leaves) we suggest using a lighter mixture – to each 10L add only 50ml concentrate of each. So 1L having only 5ml of each.

With regards to the pH, the nutrients being a little acidic naturally bring down the pH a little so that should be fine for the meanwhile, we would however recommend long term you do invest in a E.C. and pH tester, we recommend a combined one from Hanna Instruments