

Mixing Fertilizer (a 12g-6g-12g recipe blend)

1. Fill each of the two 5-gallon buckets with 2.5 gallons of water
2. Pour the Blend A mixture bag into one 5-gallon bucket
3. Pour the Blend B mixture bag into the other 5-gallon bucket
4. Mix the contents in the buckets carefully (to avoid spills and messes) until all solids are dissolved
5. Combine the two solutions into a single bucket and mix thoroughly. If transplanting ready-to-grow starter plant from a nursery/box store or baby greens, skip to Step #7.

Alternative method: Pour Blend A and Blend B into a recycle 1-gal jug container, add a half gallon of water into the jug, and then re-screw the cap back on. Shake the container vigorously until **all solids** have been dissolved (no solids present) into the water. Empty the jug into a 5-gallon bucket and refill the other half gallon of water to help rinse out any remaining dissolved nutrients residue in the jug into the same 5-gallon bucket. Since the recipe calls for 5 gallons of water, add four more gallons of water into the same 5-gallon bucket and then mix thoroughly.

6. If transplanting microgreens, consider adding an additional gallon to the 5-gallon solution in Step #5. Since there will NOT be enough room in the 5-gallon bucket for another gallon of water, pour half (after mixing thoroughly) into the other empty 5-gallon bucket and adding a half gallon of water to each bucket and then mix thoroughly. (Note that this process will turn your mixed nutrient blend in Step #5 into a 10g-5g-10g recipe blend by w/w%.)
7. Fill the grow box with the nutrients of the grow box (the volume to fill the grow box is approximately 1-gallon) using a cup or recycle 1-gal jug container.

Important: Keep the lid on the bucket with remaining nutrient solution to prevent evaporation and algae growth