### Nutrient Solution Mixing Instructions

#### ✅ Container Size

* Use two **1 gallon (3785 ml)** food-grade containers
* Fill each container ½ full with **hot (not boiling)** water

### 🧪 Part A: MasterBlend + Epsom Salt

* **MasterBlend 4-18-38**: 910 grams
* **Epsom Salt (Magnesium Sulfate)**: 455 grams
* Add both to container labeled Part A and shake or stir until dissolved
* Fill with hot water to 1 gallon
* Continue mixing until all nutrients are dissolved (nothing on bottom of container)

### 🧪 Part B: Calcium Nitrate

* **Calcium Nitrate**: 910 grams
* Add to separate container labeled Part B and shake or stir until dissolved
* Fill with hot water to 1 gallon
* Continue mixing until nutrient is dissolved (nothing on bottom of container)

### ⚠️ Mixing Precaution

* **Do not mix Part A and Part B directly** — always dose them separately into the system. IMPORTANT!
* Stir or shake before each use
* Store sealed, in a cool place out of sunlight

### 📏 Dosing Ratio

* **10 ml of each part per gallon of fresh water added**
* Target EC: **1.8 to 2.0**

### 🧼 Maintenance

* If Algae starts growing, the container is in too much light. Discard solution
* Replace if solutions become cloudy or settle excessively