



Hydroponic Solution Data Sheet

AgriBiotechnology
AgriScience & Society

Interval 1
Segment 5

Hydroponic Solution Data Sheet

- Feed **Dyna-Gro Liquid Grow 7-9-5** at the rate of 1/2 teaspoon/gallon of water.
- One teaspoon (1 tsp) equals five milliliters (5 ml).
- This means it would take 2.5 ml of **Dyna-Gro** to prepare a gallon of nutrient solution.
- You will be preparing approximately one liter of nutrient solution.
- One liter equals approximately 0.26 of a gallon. (1 liter = 0.26 gallon)
- If it takes 2.5 milliliter to make one gallon of nutrient solution, how much would it take to make only 0.26 gallon of solution?
- $2.5 \text{ ml/gal} \times 0.26 \text{ gal} = 0.65 \text{ ml}$
- It would take 0.65 ml of **Dyna-Gro** to make 1 liter, or 0.26 gallon of nutrient solution.
- You will need to borrow the Fast Release Pipette Pump and a 1-ml disposable pipette from the Research & Development Harbor to accurately measure the 0.65 ml of **Dyna-Gro**.