

QUANTITY	CONTENTS	CODE
250 mL	*#1 Calcium Nitrate, 1M	*5341-K
120 mL	#2 Magnesium Sulfate, 1M	5342-J
250 mL	*#3 Potassium Nitrate, 1M	*5343-K
60 mL	#4 Potassium Phosphate, 1M	5344-H
120 mL	#5 Calcium Phosphate, 0.05M	5345-J
60 mL	#6 Potassium Sulfate, 0.5 M	5346-H
60 mL	*#7 Magnesium Nitrate, 1M	*5347-H
4 x 250 mL	#8 Calcium Sulfate, 0.01M	5348-K
60 mL	*#9 Iron-EDTA	*5349-H
60 mL	#10 Trace Elements	5350-H
1	Plant Nutrition Studies	1596



*Reagent is a potential health hazard. **READ SDS:** lamotte.com
Emergency information:
Chem-Tel USA 1-800-255-3924
Int'l, call collect, 813-248-0585



To order individual reagents or test kit components, use the specified code number.

Warning! This set contains chemicals that may be harmful if misused. Read cautions on individual containers carefully.
Not to be used by children except under adult supervision.

PROCEDURE

See *Plant Nutrition Studies* [Code 1596] for suggested experiments using the Plant Nutrition Chemical Package. Use the amounts of nutrient solutions listed in the chart below to prepare water culture solutions.

Composition of Various Water Culture Solutions										
Type of Nutrient Solution	mL of Stock Solutions/Liter of Distilled Water									
	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Complete nutrient	5	2	5	1	—	—	—	—	1	1
Minus calcium	—	2	5	1	—	—	—	—	1	1
Minus magnesium	4	—	6	1	—	3	—	—	1	1
Minus potassium	5	2	—	—	10	—	—	—	1	1
Minus nitrogen	—	2	—	—	10	5	—	200	1	1
Minus phosphorus	4	2	6	—	—	—	—	—	1	1
Minus sulfur	4	—	6	1	—	—	2	—	1	1
Minus trace element	5	2	5	1	—	—	—	—	1	—
Minus iron	5	5	2	1	—	—	—	—	—	1