

Where to Sample	Sample Type (Price Per Sample)	Typical Turnaround Time	Description	Sampling Amount Required	Nutrients Tested	Sample Matrix	Login Code
Plant Tissue (roots, leaves, flowers)	Tissue (\$46)	2-4 days	Acid extraction performed on dried, ground and ashed material.	Fresh: 3 Large Handfuls rinsed and patted dry in a paper bag Dried: 2-3 grams	P, K , Ca, Mg, S, Mn, Fe, Cu, B, Zn, Mo, Na, Al, TN	Tissue	TISSUE
	Tissue C:N Ratio (\$20)		Carbon Nitrogen Ratio from Combustion analysis	Fresh: 1 Handful rinse and patted dry in a paper bag Dried: 1 gram	Carbon + Nitrogen		TISSUE CN
Root Zone (up to 30% soil, remaining must be soilless media components)	Media (\$46)	1-3 days	90 minute - Saturated Paste Extract	1 Full Quart Size Bag	P, K , Ca, Mg, S, Mn, Fe, Cu, B, Zn, Mo, Na, Al (+/- Si), TN, NH4-N, NO3-N, Urea, Cl, EC, pH	Media	MEDIA
	Media + Silicon (\$56)						MEDIA-SI
Nutrient Solutions (ready to use fertilizer solutions)	Liquid Fert - Concentrated Stock Solution (\$56)	1-3 days	Sample prepared to determine nutrient concentration of solutions greater than or equal to 0.5% or 500 ppm	16 Fl. Oz. Minimum	P, K , Ca, Mg, S, Mn, Fe, Cu, B, Zn, Mo, Na, Al (+/- Si), TN, NH4-N, NO3-N, Urea, Cl, EC, pH	Solution	STOCK
	Liquid Nutrient Solution (\$46)						FERT
	Liquid Nutrient Solution + Silicon (\$56)		FERT-SI				
	Liquid Nutrient Solution + Silicon + Fluoride (\$76)		FERT-F+SI				
Water (Tap, Well, RO, Rain)	Water (\$46)		Sample prepared to determine nutrient concentration of solutions less than or equal to 0.5% or 500 ppm		P, K , Ca, Mg, S, Mn, Fe, Cu, B, Zn, Mo, Na, Al (+/- Si), TN, NH4-N, NO3-N, Urea, Cl, EC, pH + Alkalinity, (+/- F)		WATER
	Water + Silicon (\$56)						WATER-SI
	Water + Fluoride (\$66)						WATER-F
	Water + Silicon + Fluoride (\$76)						WATER-F+SI
Physical Tests	C:N ratio of media (\$20)	3 days	Carbon Nitrogen ratio from Combustion analysis	1 Full Snack Size Bag	Carbon + Nitrogen	Other	CN RATIO
	Percent Moisture Test (\$60)		Determination of moisture content of sample	1 Full Gallon Size Bag	N/A		MOISTURE
	Seive - Media (\$60)		Segregation analysis according to sepcific particle size filters				SEIVE
	Seive - Fertilizer (\$60)						SEIVE
Concentrated Nutrient & Fertilizer Solutions	Dry Fert- Partially soluble (\$80)	3-5 days	Sample prepared to determine nutrient concentration of solutions greater than or equal to 0.5% or 500 ppm	50 grams Minimum	P, K , Ca, Mg, S, Mn, Fe, Cu, B, Zn, Mo, Na, Al (+/- Si) + Total Nitrogen	PS MIX	PS MIX
	Dry Fert-Water soluble (\$80)			200 grams Minimum		QA FERT	QA FERT