Product Number	Product Description	Product Notes	Package Size
P793	ORCHID MULTIPLICATION MEDIUM Without Charcoal and Agar Plant Tissue Culture Tested	Storage Temp 2-6° C Soluble In Water	1 L 10 L 50 L
O753	ORCHID MULTIPLICATION MEDIUM Contains Agar, Without Charcoal Mother Flasking Medium III Plant Tissue Culture Tested	Storage Temp 2-6° C Soluble In Water	1 L 10 L 50 L
P723	ORCHID SEED SOWING MEDIUM Contains Charcoal and Agar Mother Flasking Medium II Plant Tissue Culture Tested	Storage Temp 2-6° C Soluble In Water	1 L 10 L 50 L
P785	PHYTOTECH ORCHID REPLATE MEDIUM Replate Medium II, Proprietary Formulation Contains Sucrose, Banana, and a gelling agent. Does not contain Activated Charcoal. A complete orchid replate and seed sowing medium. Plant Tissue Culture Tested	Storage Temp 2-6° C Soluble In Water	1 L 10 L 50 L
P782	PHYTOTECH ORCHID REPLATE MEDIUM Without Banana, Proprietary Formulation Contains Sucrose and a gelling agent. An orchid replate and seed sowing medium. Plant Tissue Culture Tested	Storage Temp 2-6° C Soluble In Water	1 L 10 L 50 L
T849	TERRESTRIAL (CYPRIPEDIUM) ORCHID MEDIUM Contains 400 mg/L Calcium Nitrate, Without Casein Mother Flasking Medium V With the macro- and micronutrients, glucose, and agar as described by Steele (1996). Plant Tissue Culture Tested	Storage Temp 2-6° C Soluble In Water	1 L 10 L 50 L
T839	TERRESTRIAL (CYPRIPEDIUM) ORCHID MEDIUM Contains 400 mg/L Calcium Nitrate and 400 mg/L Casein Without Ammonium Nitrate Plant Tissue Culture Tested	Storage Temp 2-6° C Soluble In Water	1 L 10 L 50 L
T842	TERRESTRIAL (CYPRIPEDIUM) ORCHID MEDIUM Contains 600 mg/L Calcium Nitrate and 200 mg/L Casein Without Ammonium Nitrate Plant Tissue Culture Tested	Storage Temp 2-6° C Soluble In Water	1 L 10 L 50 L
V505	VACIN & WENT MODIFIED ORCHID BASAL SALT MIXTURE Contains the macro- and micronutrients as described by Vacin and Went (1949); modified with an equivalent iron molar concentration of ferrous sulfate in place of ferric tartrate. Plant Tissue Culture Tested	Storage Temp 2-6° C Soluble In Water	1 L 10 L 50 L
V882	VACIN & WENT MODIFIED ORCHID BASAL MEDIUM Without Sucrose Contains the macro- and micronutrients as described by Vacin and Went (1949); modified with an equivalent iron molar concentration of ferrous sulfate in place of ferric tartrate. Plant Tissue Culture Tested	Storage Temp 2-6° C Soluble In Water	1 L 10 L 50 L
V891	VACIN & WENT MODIFIED ORCHID MEDIUM Contains Sucrose Contains the macro- and micronutrients as described by Vacin and Went (1949); modified with an equivalent iron molar concentration of ferrous sulfate in place of ferric tartrate. Plant Tissue Culture Tested	Storage Temp 2-6° C Soluble In Water	1 L 10 L 50 L
V895	VACIN & WENT MODIFIED ORCHID MEDIUM Contains Agar and Sucrose Mother Flasking Medium I Contains the macro- and micronutrients as described by Vacin and Went (1949); modified with an equivalent iron molar concentration of ferrous sulfate in place of ferric tartrate. Plant Tissue Culture Tested	Storage Temp 2-6° C Soluble In Water	1 L 10 L 50 L

All components expressed in mg/L	Orchid Multiplication Medium	Orchid Multiplication Medium	Orchid Seed Sowing Medium	PhytoTech Orchid Replate Medium	PhytoTech Orchid Replate Medium	Terrestrial (Cypripedium) Orchid Medium	Terrestrial (Cypripedium) Orchid Medium	Terrestrial (Cypripedium) Orchid Medium	Vacin & Went Modified Orchid Basal Salt Mixture	Vacin & Went Modified Orchid Basal Medium	Vacin & Went Modified Orchid Medium	Vacin & Went Modified Orchid Medium
COMPONENT	**P793**	**O753**	**P723**	**P785**	**P782**	**T849**	**T839**	**T842**	**V505**	**V882**	**V891**	**V895**
Ammonium Citrate				Proprietary Formulation	Proprietary Formulation	19	19	19				
Ammonium Nitrate	825	825	412.5			1400						
Ammonium Sulfate									500	500	500	500
Boric Acid	3.1	3.1	1.65			0.5	0.5	0.5				
Calcium Chloride, Anhydrous	166	166	83									
Calcium Nitrate						400	400	600				
Calcium Phosphate, Tribasic									200	200	200	200
Cobalt Chloride•$6H_2O$	0.0125	0.0125	0.0063									
Cupric Sulfate•$5H_2O$	0.0125	0.0125	0.0063			0.025	0.025	0.025				
Na2 EDTA	37.3	37.3	18.65						37.26	37.26	37.26	37.26
Ferric Ammonium Citrate						25	25	25				
Ferrous Sulfate•$7H_2O$	27.85	27.85	13.93						27.8	27.8	27.8	27.8
Magnesium Sulfate	90.35	90.35	75.18			97.69	97.69	97.69	122.1	122.1	122.1	122.1
Manganese Sulfate•H_2O	8.45	8.45	4.23			1.54	1.54	1.54	5.0875	5.0875	5.0875	5.0875
Molybdic Acid (Sodium Salt)•$2H_2O$	0.125	0.125	0.0625			0.02	0.02	0.02				
Potassium Chloride						100	100	100				
Potassium Iodide	0.415	0.415	0.2075			0.1	0.1	0.1				
Potassium Nitrate	950	950	475			200	200	200	525	525	525	525
Potassium Phosphate, Monobasic	85	85	42.5			200	200	200	250	250	250	250
Zinc Sulfate•$7H_2O$	5.3	5.3	2.65			0.5	0.5	0.5				
Activated Charcoal			1000									
Agar		7000	8000			6000	6000	6000				7000
6-Benzylaminopurine (BA)	2.0	2.0										
Casein, Enzymatic Hydrolysate							400	200				
D-Glucose						20,000	20,000	20,000				
MES (Free Acid)	1000	1000	500									
myo-Inositol	100	100	100									
α-Naphthaleneacetic Acid	0.5	0.5										
Nicotinic Acid (Free Acid)	0.5	0.5	1.0									
Peptone from Meat	2000	2000	2000									
Pyridoxine•HCl	0.5	0.5	1.0									
Sucrose	20,000	20,000	20,000								20,000	20,000
Thiamine•HCl	1.0	1.0	10							0.4	0.4	0.4
Grams of powder to prepare 1 liter	25.3	32.3	32.74	65.79	43.81	28.44	27.44	27.44	1.67	1.67	21.667	28.67
pH±0.5 at RT	5.0	5.5	5.8			5.3	5.5	5.3	5.8	5.8	5.5	5.8

For additional information consult our Orchid Media Selection Guide on our web site.