



Horticultural Substrates Laboratory North Carolina State University

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Summary of Porometer Analyses

Substrate Description	Client	Total Porosity % vol	Container Capacity % vol	Air Space % vol	Bulk Density g/cc	Initial Moisture Content % wt	Testing Moisture Content % wt
Mixed Hardwood Biochar		84.7	60.3	24.4	0.15	6.1	49.98
Mixed Biochar		83.3	65.0	18.3	0.14	2.5	48.99
High temp Switchgrass biochar		87.3	66.4	20.9	0.09	2.0	50.60
Mixed Biochar-washed		85.3	58.9	26.4	0.12	73.0	72.98
Mixed hardwood biochar - washed		85.2	60.2	25.0	0.14	69.7	69.68
High Temp Switchgrass biochar - washed		93.2	68.5	24.7	0.09	81.2	81.24