

Table 1. Physical properties of *Sphagnum* peat-substrates containing varying amounts of parboiled fresh rice hulls or perlite media.

Substrate composition (% v/v)			Total Porosity (% v/v)	Air-filled Pore space (% v/v)	Water Holding Capacity (% v/v)	Water Holding Capacity (% w/w)	Bulk Density (g.m ⁻³)
<i>Sphagnum</i> Peat	Perlite	Rice hull					
80	20	0	76.9	8.5	67.9	627.4	0.11
70	30	0	79.9	10.8	68.9	680.4	0.10
60	40	0	73.9	11.4	62.6	633.5	0.09
50	50	0	73.9	10.7	62.8	544.4	0.11
40	60	0	71.4	11.9	59.1	488.9	0.12
80	0	20	83.2	11.5	71.7	732.2	0.09
70	0	30	85.5	20.3	64.9	661.3	0.09
60	0	40	86.0	28.8	56.9	587.3	0.09
50	0	50	87.7	34.0	53.9	519.1	0.10
40	0	60	82.1	35.8	45.1	402.8	0.11
<u>Significance</u>		<u>df</u>					
Substrates		9	***	***	***	***	***
20% perlite vs 20% hulls		1	***	NS	*	***	***
30% perlite vs 30% hulls		1	***	***	*	NS	NS
40% perlite vs 40% hulls		1	***	***	***	**	NS
50% perlite vs 50% hulls		1	***	***	***	NS	***
60% perlite vs 60% hulls		1	***	***	***	***	**
perlite vs hulls		1	***	***	***	*	***

NS, *, **, ***, Nonsignificant or significant at $P=0.05$, 0.01, 0.001, respectively.