



**UNIVERSITY OF CALIFORNIA – DAVIS
GREENHOUSE TRIALS**

Physical properties of Higromite (in 6” pots, 12 cm soil column height).

Total porosity (% volume)	75.4
Water-holding capacity (% volume)	55.7
Air-filled porosity (% volume)	19.7
Bulk density (g/cm ³)	0.65

Yields for chrysanthemum plants grown vegetatively for 6 weeks.

Medium	Fresh wt(g)	Dry wt (g)
Higromite	141.5	14.8
Peat:vermiculite	121.4	12.3
Peat:perlite	118.8	12.0
Fine sand:peat:redwood sawdust	118.3	12.1
Coarse sand sand:peat:redwood sawdust	116.4	12.0