

Research paper

Effect of Various Potting Media on Growth of Geranium Aralia (*Polyscias guilfoylei*)

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Abstract

The objective of the experiment was to study the effect of mixing silty soil (SS) with compost and leaf mould at different ratios on growth of *Polyscias guilfoylei*. Transplants were potted into polyethylene bags containing the following media: silty soil (SS), SS + compost (2 : 1), SS + compost (1 : 2), SS + compost (1 : 1), SS + leaf mould (2 : 1), SS + leaf mould (1 : 2), SS + leaf mould (1 : 1). Data were collected on Plant height, number of leaves per plant, number of branches per plant, plant fresh and dry weights. Results revealed that the highest values of plant height, plant fresh and dry weights were associated with silty soil (SS). The highest values of number of leaves per plant was associated with SS + compost (1 : 1) and number of branches per plant with SS + compost (1 : 1) and (1 : 2).

Keywords: *Polyscias guilfoylei*, potting media, compost, leaf mould, growth.