

An investigation on determination of the best growing medium for anthurium cv. sothern blush cut flower production

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Anthurium is one of the important plants in cut flower industry which is produced for exportation as well as local consumption. To produce good quality flowers, suitable growing medium has to be determined. To do so, this study was conducted using nine different growing media in which we tried to evaluate the replacement of some other organic materials such as compost of aquatic plants or peat obtained from internal resources. Leaves and flowers number, as well as peduncle, stem and main root length and also number of suckers per plant were recorded.

Results indicated that media containing different levels of compost of aquatic plants improved the above mentioned criteria even when compared with medium containing imported peatmoss (control) or the medium consisting pine leaves, moss and sand which is used by internal flower growers.

The later medium faces some problems as well as. Finally, it can be concluded that media containing different levels of aquatic plant compost are desired to replace with peatmoss to make excellent growing media for production of good quality anthurium flowers.