

Studies on the effect of mixed media for raising seedless watermelon seedling¹

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summary

The viability of seedless (triploid) watermelon seeds is very weak since genetic abnormality. So how to raise strong and healthy seedlings were becoming more important. Three kinds of mixed media, which consist of sand, coconut fiber and vermiculite, were used to nurse seedless watermelon seedling. The physical properties of those media, including bulk density, porosity, water holding capacity, and pH value, were discussed in this paper. The lighter media with large aeration space and higher water holding capacity are much benefit for the growth of seedless watermelon.

(Key words: Seedless watermelon, Nursery mixed media, Seedling growth)

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