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Effects of Rice Husk Charcoal Covering on the Qua
Plug Seedlings under Organic Fertilization during th

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The effects of a rice husk charcoal (RHC) covering on the growth,
post-transplant growth were investigated in lettuce plug seedlings un
during the cool season. The RHC covering had no effect on the mec
However, the growth and amount of nitrogen uptake were greater ir
medium was covered by RHC than when it was covered by vermicu
Growth immediately after transplanting was more rapid in the RHC
other two seedling groups. The head fresh weight at harvest was ab

RHC seedlings than in the other seedling groups. The nitrogen conc
increased with increasing RHC volume, but there was no significant
RHC volume and the seedling growth. A mixture of RHC with medi
promoted less seedling growth and nitrogen uptake compared with
covering alone. The benefits of RHC covering were lost when we sl
medium with aluminum foil wrapped in a paper towel.

Key Words: growth, nitrogen uptake, organic cultivation

[PDF (497K)] [References]

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