



RESEARCH NOTE

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Studies of plantation of different size of onion sets in *Kharif* season

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ABSTRACT : The on farm trial was carried out during rainy season of 2009-10 at farmers fields of Kannauj district. The pilot area situated in the catchments area of river kali. For assessment of different size of onion sets plantation during *Kharif* season, the use of sets size was refined with the inclusion of small size onion sets. The mature onion bulbs harvested as 182.60 q/ha from plantation of large size sets of onion. The bulbs yield of onion was recorded as 194.80 q/ha with plantation of medium size onion sets. The highest yield of 213.40 q/ha was weighed under plantation of small size onion sets during *Kharif* season. The yield contributing traits were concordance to its yield. The higher gross return of Rs. 426800/ha, net return of Rs. 359086/ha and BCR of 1:6.30 computed under the plantation of small size sets of onion over other two treatments. Therefore, for obtaining the highest yield and maximum net return from *Kharif* onion, the farmers were advocated for the use of small size onion sets (between 2.0-2.5g).

KEY WORDS : Assessment, Refinement, Catchments area, Onion sets, Trample

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