Study on the effects of plant spacing and seed tuber size on quantity of potato.

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In other to study the effects of seed tuber size and plant spasing on potato yield particulars , an experiment was conducted in Kabootar abad Research Station in Isfahan in 1999. The experiment design was a split-split plot with a randomized complete block arrangement and four replications . Main factors were cultivars (Morene and Marfona) , sub factor were as two plant spacing on rows (18 and 25 cm) and seed tuber size that consisted of : 1- small tuber (<35 mm) , 2- seed tuber (35-55 mm) , 3- tubers obtained from big tubers (>55 mm) that were divided in halves and 4- tubers were obtained from big tubers (>55 mm) that were divided in four equal pieces.

To make use of seed tubers size caused were increased that total yield , big tubers yield and seed tubers yield were increased and planting of small tubers cased lowest yield . Total big tubers and seed tubers yield increased as plant spacing decreased. Total and seed tubers yield in Marfona were higher than Morene but Morene in 18cm plant spacing had no significant difference in total and seed tubers yield with Marfona .