

The effects of cultivation and different dates on early maturing and other characters of two Onion cultivars

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This study was conducted in the effects of three different cultivation dates (D) with two different cultivation methods (C), Seedling and seed sowing , was conducted on two Onion cultivars , Azarshahr Red and Kashan White , in a RBCD based split split plot with four replicates in Khosrowshahr in two years. Yield , earliness , Dry Matter Percent and Total Soluble matter was evaluate. Simple and combined Analysis of Variance showd that interaction between date and method , D*C , have high significant , %1 , and the first date (Apr 29) , D1 , had high yield (28.71 ton/Ha) . Seedling cultivation , C1 , had a 5.74 ton/Ha increase on yield than sowing . The effects of years had no significant and may used seedling and early sowing for high yield . Azarshahr Red had 4.21 ton/Ha yield increasing than Kashan White in D1 and had the least yield in D3 , so late cultivation had decrease effects on yield . C1 * D1 had 32.90 ton/Ha and C2 * D3 (May 29) had 17.67 ton/Ha . Seedling culture showd higher dry matter percent and soluble matter than sowing . Total dry matter in Azarshahr Red was higher than Kashan White also . As a result may say Onion early seedling cultivation may increase yield quality , quantity and earliness. Azarshahr Red was the best cultivar for Azarbaydjan region.