

Optimum dates for nursery preparation and transplanting of winter onion production in south of Iran

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Due to the low onion production during the winter season which causes fluctuation in prices due to imbalance in supply and demand and to make use of the ideal conditions in the southern part of the country , for the continuity of production studies had been conducted since 1994 in the southern part of Iran. Results showed that date of sowing and cultivars are important factors in the continuity of onion production .

The use of transplanting method and early maturing cultivars resistant to bolting can make it possible to produce crops in winter having yield and good quality resulting in reduced wastage and offers opportunity to provide employment to farmers. In this study ,3 cultivars and 5 dates of planting at intervals of 10 days were conducted in strip-split plot design in 3 replications for a period of 2 years in 1998-1999 in four locations in southern Iran. Results showed that the best variety was primavera Hybrid and had the highest yield in most locations.

Optimum sowing dates were different in diverse locations , however, in all locations onions with higher yield and better quality were produced in winter .