

It is also observed from the study that the area, production and productivity of onion were found to be increased with the magnitude of 0.24 m ha, 0.41 m t and 0.008 t/ha per year respectively in Madhya Pradesh, while in India the area, production and productivity of onion were found to be increased with the magnitude of 1.03 m ha, 0.41 m t and 0.03 t/ha per year respectively. The annual average growth of area and production of onion was found to be more in Madhya Pradesh (5.41 & 8.12 percent/year) as compared to India (2.67 & 6.47 percent/year), while the growth of productivity of onion was found to be more in India (3.27 percent/year) as compared to Madhya Pradesh (2.04 percent/year) during the period under study. Presently the State stored only 3.1 Lakh MT of onion, which was about 10 percent of total production of the state (2016-17).

Looking to the increasing growth of production of onion and less capacity of storage and processing in Madhya Pradesh, efforts should be made to increase capacity of storage and processing of onion in the state.

Dynamics of Onion Production in Madhya Pradesh

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India is the second largest onion growing country in the world. Madhya Pradesh is the third largest onion producing state after Maharashtra and Karnataka and accounting for 15 percent of total production of onion in the country.

Madhya Pradesh is producing about 3.05 m MT of onion from an area of 0.12 m MT with an average productivity of 24.90 t/ha. This study is conducted to analyse growth of area, production and productivity of onion in Madhya Pradesh as compare to India in the period from 2012-17. The study reveals that Indore (17.83 percent) followed by Shajapur (12.54 percent), Sagar (12.01 percent), Dewas (11.32 percent), Khandwa (9.59 percent), Ujjain (6.60 percent), Shivpuri (5.78 percent), Rewa (5.65 percent), Ratlam (5.42 percent), Agar Malwa (5.06 percent), Rajgarh (4.44 percent) and Satna (3.76 percent) found to be major onion growing districts of Madhya Pradesh, contributed 68.40 percent of total production of onion in the State. This indicates that the production of Onion concentrate in western along with Shivpuri in North, Sagar in Central and Rewa and Satna in the eastern parts of the State.

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