

TSP on Onion and Garlic

Onion and garlic are important commercial crops which can improve livelihood of farmers.



The tribal belt of Nandurbar in Maharashtra has congenial climatic conditions for production of onion and garlic at commercial level. But cultivation of these crops was limited to the kitchen garden only before the initiation of Tribal Sub-Plan (TSP) in this area by ICAR-DOGR. The scheme was initiated in this area in April, 2013. About 350 tribal farmers were selected from 35 farmers groups. Each group undertook demonstrations on onion and garlic

cultivation in one acre of land in Navapur, Akalkua and Dhadgoan Talukas of Nandurbar.

In total, 49 demonstrations on newly improved varieties of onion and garlic and

improved production technology were undertaken. *Kharif* onion production was also demonstrated in Navapur Taluka of Nandurbar. Fifteen tribal villages have been benefited by commercial cultivation of onion and garlic. More than one thousand tribal farmers have been trained by organizing 9 field days and 4 trainings by ICAR-DOGR.



Most of the farmers of selected areas now

cultivate onion and garlic on commercial scale. Onion and garlic are giving more profit than traditionally grown crops in these areas. Farmers have earned a net income of Rs. 80,000-1,00,000 per acre by production of about 120 q bulbs of onion variety Bhima Shakti during *rabi* season and earned same net income by production of about 80 q bulbs of Bhima Super in *kharif* season. Cultivation of garlic at commercial level has also been introduced in this belt. By garlic cultivation Rs. 80,000-90,000 per acre is earned by production of about 30 q bulbs per acre of Bhima Purple.

Nandurbar areas also has favorable climatic conditions for onion seed production. Vast availability of honey bees which are main pollinator of onion further enhance the potential of seed production in this area. Production of onion seed was also demonstrated under TSP in this area. Farmers have earned 1,00,000-1,20,000 per acre net income by production of about 250 kg seeds per acre of Bhima Kiran. ICAR-DOGR intends to carry this scheme further to new areas.