

OFT No: 3**Crop area of district in(1248ha), District yield (263.0q/ha) State yield (117 q/ha)**

Crop	Potato
Season	Rabi 2026
Main problem	Low yield of potato
Main cause	Imbalance use of fertilizer
Title of OFT	Nutrients management in potato
Farming situation	Irrigated, medium land, loam and sandy loam
Thematic area	Nutrients Management
Farmer practice	T1-Application of NPK@80:60:40(kg/ha)
Technology option selected for assessment	T2-Recommended dose of fertilizer (RDF)150:90:120kg/ha + 25Kg ZnSO4 T3- Recommended dose of fertilizer (RDF)115:90:120kg/ha + 24kg Sulphur/ ha
Source of technology	T-2 ANDUAT, Kumarganj, Ayodhya, 2021 & T -3 Birsa Agricultural University, 2025
No of trial	10 Replication
Detail of critical input	Boron and zinc fertilizer
Cost of individual critical input	Rs.500
Total cost of critical input	Rs.5000/ha
Performance indicator to be recorded	Plant height (cm in 30& 60DAS), No. of tubers per plant, tuber weight(g), tuber yield(q/ha)