

Crop	Potato
Season	Rabi 2026-27
Main problem	Low yield due to late blight disease. (Phytophthora-infestans)
Main cause	Phytophthora-infestans
Title of OFT	Management of late blight disease (Phytophthora-infestans) of potato.
Farming situation	Irrigated, medium land clay & sandy loam, Previous Crop- Mandua
Thematic area	Disease Management
Farmer practice	Spray of Mancozeb 75%W.P @ 2gm/Litre of water.
Technology option selected for assessment	T01:- Cymoxanil 8%+Mancozeb 64% W.P(curzate) @ 2gm/Litre of water. First Spray 25-30 days after sowing of potato and second spray with same fungicide after 25-30 days after the first spray. T02 :- Azoxystrobin 11%+ Tebuconazole 18.3 W/W SC @ 1ml/Litre of water. First Spray 25-30 days after sowing of potato and second spray with same fungicide after 25-30 days after the first T03:- Metaxyl 8%+Mancozeb 64% WP @ 2gm/Litre of water. First Spray 25-30 days after sowing of potato and second spray with same fungicide after 25-30 days after the first
Source of technology	ICAR-Central Potato Research Institute-CPRI ,Shimla.
No of trial/Replication	10 (10x10)m Plot
Detail of critical input	Seed , Fungicide
Cost of individual critical input	Rs. 1000
Total cost of critical input	Rs.10000
Performance indicator to be recorded	Percent Disease Incidence, Percent Disease control, Yield q/ha, Cost of cultivation, Gross return/ha, Net Return, BC Ratio