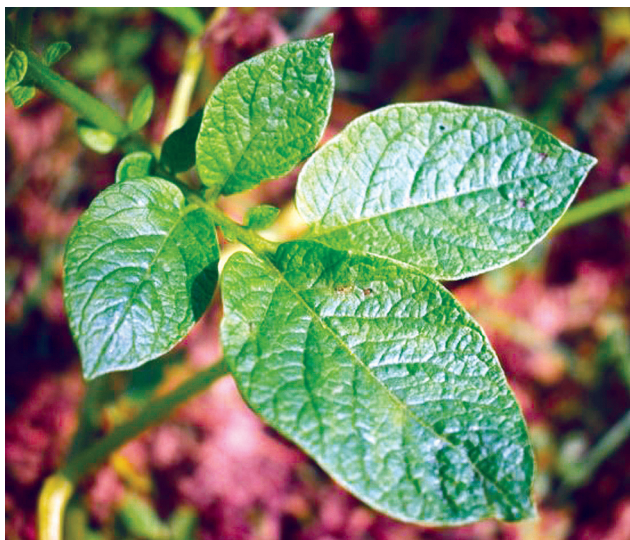


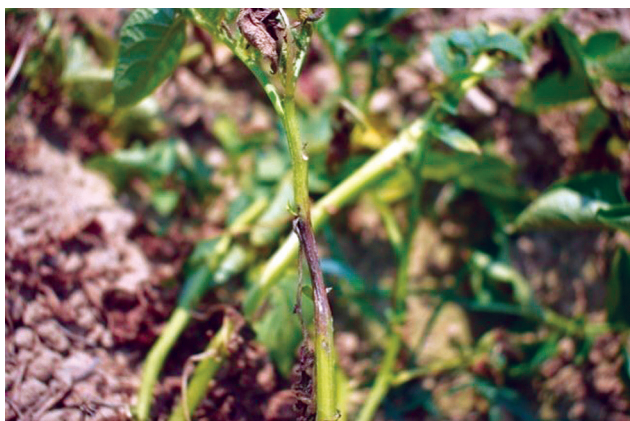
Supplementary Table 1 Economics of different treatments for the management of late blight in potato

Treatment	Total cost of plant protection (₹/ha)				2020–21				2021–22				Pooled			
	Fungicides cost	Labour wages*	Total (Rs.)		CODEX (%)	PDI	Tuber yield (t/ha)**		CODEX (%)	PDI	Tuber yield (t/ha)**		CODEX (%)	PDI	Tuber yield (t/ha)**	ICBR
T ₁	1540	1600	3140		7.09	24.50 (29.67)	18.76		5.66	21.31 (27.49)	18.87		6.37	22.91 (28.58)	18.82	1:8.22
T ₂	2275	1600	3875		7.81	25.82 (30.54)	17.40		6.84	23.93 (29.28)	18.55		7.32	24.87 (29.91)	17.98	1:3.21
T ₃	3311	1600	4911		4.73	19.64 (26.31)	20.15		3.32	15.67 (23.32)	20.65		4.02	17.66 (24.81)	20.40	1:9.74
T ₄	3171	1600	4771		7.44	25.15 (30.10)	18.11		6.21	22.60 (28.38)	18.78		6.83	23.87 (29.24)	18.44	1:3.89
T ₅	12810	1600	14410		5.02	20.27 (26.76)	20.19		3.86	17.29 (24.57)	20.44		4.44	18.78 (25.66)	20.31	1:2.56
T ₆	15008	1600	16608		6.56	23.50 (29.00)	19.92		4.87	19.81 (26.43)	20.21		5.72	21.66 (27.71)	20.06	1:1.87
T ₇	2426	1600	4026		1.58	10.54 (18.94)	21.27		0.93	7.30 (15.68)	21.68		1.26	8.92 (17.31)	21.48	1:16.09
T ₈	-	1600	1600		20.54	43.16 (41.07)	16.80		16.74	38.33 (38.25)	16.98		18.64	40.74 (39.66)	16.89	-
S.Em. (±)	-	-	-		-	-	0.42		-	-	0.51		-	-	-	-
CD (P=0.05)	-	-	-		-	-	1.29		-	-	1.55		-	-	-	-

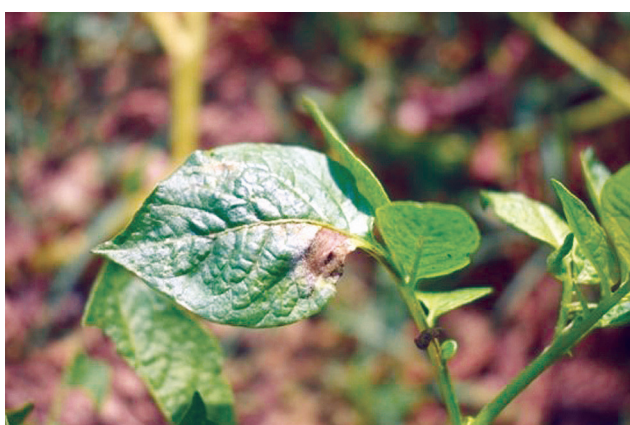
*Labour wages ₹400/ha/treatment, **Average of replications, ***-selling rates of potato @ ₹15000/t, Cost of fungicides: Mancozeb 75% WP @ ₹220/kg, Chlorothalonil 75% WP @ ₹650/kg, Cymoxanil 8% + Mancozeb 64% WP @ ₹473/kg, Copper Oxidechloride 50% WP @ ₹453/kg, Metalaxyl 4% + Mancozeb 64% WP @ ₹1830/kg, Famoxadone 16.6% + Cymoxanil 22.1% SC @ ₹5360/kg.



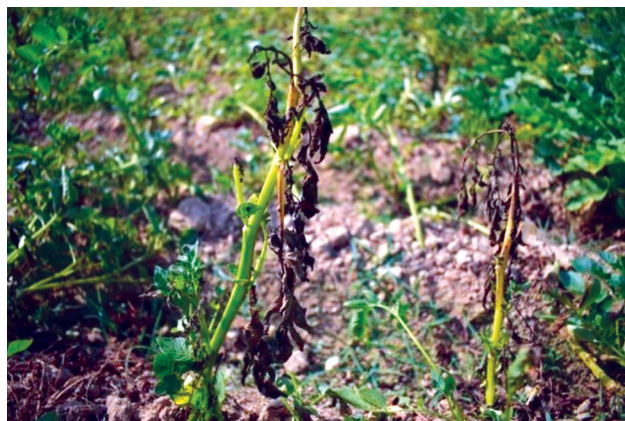
Supplementary Fig. 1 Initial symptoms on leaves are small and appear as irregular-shaped water-soaked spots.



Supplementary Fig. 2 Dark brown symptoms appeared on the infected stem.



Supplementary Fig. 3 Black necrotic lesions on the leaf.



Supplementary Fig. 4 Drying of infected plant.



Supplementary Fig. 5 Whitish cottony growth on the abaxial surface of the leaf.