

July 2025]

Supplementary Table 1 Effect of different bio-agents on brown spot of rice and economic analysis of management under field conditions

Treatments	Dosage (kg/ha)	Disease Index (%)		Disease Control (%)		Yield (q/ha)	Increase in yield (%)	Avoidable yield loss (%)	Additional yield (q/ha)	Additional cost (₹/ha)	Additional return (₹/ha)	Net return (₹/ha)	Incremental B:C				
		7 DAIS	7 DAIS	7 DAIS	7 DAIS									14 DAIS	14 DAIS		
<i>B. subtilis</i> (PBSR-1)		5.23	13.82	25.88	46.10	25.34	22.04	14.54	52.51	10.20	9.44	4.26	5758.60	9914.40	4155.80	1.72:1	
<i>B. subtilis</i> (PBSR-2)		5.08	14.65	26.95	47.24	21.36	18.16	12.24	51.41	7.88	7.45	3.16	5758.60	7663.60	1905.00	1.33:1	
<i>T. harzianum</i> (PB-1)		5.20	11.92	23.80	43.25	36.09	28.72	20.96	55.75	15.54	13.45	7.50	5758.60	15300.00	9541.40	2.65:1	
<i>P. fluorescens</i> (PB-2)	10	5.08	13.02	24.94	45.03	30.19	25.49	16.72	53.62	12.53	11.35	5.37	5758.60	12178.80	6420.20	2.11:1	
<i>B. subtilis</i> (PBSR-1) + <i>B. subtilis</i> (PBSR-2)		5.30	12.73	24.86	44.77	31.85	26.26	18.56	54.64	14.71	13.06	6.41	5758.60	14300.40	8541.80	2.48:1	
<i>T. harzianum</i> (PB-1) + <i>P. fluorescens</i> (PB-2)		5.19	11.08	22.78	41.26	40.55	33.92	26.45	57.53	20.73	17.48	9.28	5758.60	20155.20	14396.60	3.50:1	
Control		5.25	18.65	34.07	53.33	-	-	-	48.25	-	-	-	-	-	-	-	-
CD ( $p=0.05$ )		1.45 (N.S.)	0.79	0.92	1.04	-	-	-	1.03	-	-	-	-	-	-	-	-
SEM		0.47	0.25	0.30	0.33	-	-	-	0.36	-	-	-	-	-	-	-	-
CV		6.94	1.17	1.66	1.27	-	-	-	1.52	-	-	-	-	-	-	-	-

NS, Non-significant; DAIS, Days after 1<sup>st</sup> spray; DAIS, Days after 2<sup>nd</sup> spray.