

Supplementary Table 1 Effect of treatment combinations of establishment methods, varieties, and plant geometry on growth, yield parameters, grain yield, economics and water indices in rice under drip irrigation system

Treatment	Plant height at harvest (cm)	Number of productive tillers (No./m ²)	Number of filled grains (No./m ²)	Grain yield (kg/ha)	Net return (₹/ha)	B:C	WUE (kg/ha-mm)	Water productivity (₹/ha)
M ₁ V ₁ S ₁	112	300	29,400	4645	40,673	1.87	5.05	8.08
M ₁ V ₁ S ₂	109	250	29,500	4779	43,189	1.92	5.19	8.31
M ₁ V ₁ S ₃	114	224	27,776	4555	38,934	1.83	4.95	7.92
M ₁ V ₂ S ₁	106	400	40,800	5386	52,670	2.13	5.85	9.37
M ₁ V ₂ S ₂	102	375	45,375	6080	64,059	2.37	6.61	10.57
M ₁ V ₂ S ₃	104	256	32,768	4424	34,629	1.74	4.81	7.69
M ₁ V ₃ S ₁	128	200	18,800	4286	34,182	1.73	4.66	7.45
M ₁ V ₃ S ₂	124	150	19,800	4554	38,864	1.83	4.95	7.92
M ₁ V ₃ S ₃	118	160	20,480	4751	42,872	1.92	5.16	8.26
M ₂ V ₁ S ₁	118	200	20,200	3192	17,966	1.38	3.32	5.32
M ₂ V ₁ S ₂	112	200	24,400	3953	30,345	1.65	4.12	6.59
M ₂ V ₁ S ₃	116	192	24,192	3967	30,130	1.64	4.13	6.61
M ₂ V ₂ S ₁	118	350	34,300	4528	39,292	1.84	4.72	7.55
M ₂ V ₂ S ₂	112	350	39,900	5347	53,196	2.14	5.57	8.91
M ₁ V ₂ S ₃	114	224	26,880	3629	22,661	1.48	3.78	6.05
M ₂ V ₃ S ₁	136	200	19,600	4469	38,351	1.82	4.66	7.45
M ₂ V ₃ S ₂	132	150	21,450	4934	45,511	1.97	5.14	8.22
M ₂ V ₃ S ₃	134	128	17,280	4009	32,018	1.68	4.18	6.68
Mean	117	239	27383	4527	38863	1.83	4.83	7.72
SED	-	6	468	96	-	-	0.07	-
CD (<i>P</i> <0.05)	NS	14	932	172	-	-	0.15	-

Treatment details are given under Materials and Methods.