Table 5 Effect of herbicides on effective tiller, panicle length, Number of grain and sterility percent on direct seeded rice cultivation at Chitwan during 2024

Treatments	Effective tiller (m^2)	Panicle length (cm)	No. of grains per panicle filled	Unfilled	Sterility (%)
Weedy Check	151^{c}	22.9^{c}	132^{c}	39^{a}	22.81^{a}
Weedfree	272^{ab}	25.5^{ab}	155^{ab}	22^{b}	12.43^{b}
Pendimethalin	260^{ab}	24.1^{b}	150^{b}	21^{b}	12.28^{b}
Pretilachlor	267^{ab}	24.9^{ab}	152^{ab}	20^{b}	11.63^{b}
Bispyribac Sodium	284^{a}	25.8^{a}	158^{a}	19^{b}	10.73^{b}
Pendi+2,4-D	236^{b}	23.5^{bc}	149^{b}	27^{b}	15.34^{b}
Pretilachlor+2,4-D	248^{b}	24.6^{b}	150^{b}	25^{b}	14.29^{b}
Oxadiargyl	254^{ab}	24.3^{b}	151^{ab}	21^{b}	12.21^{b}
Bispyribac Sodium+2,4-D	287^{a}	25.7^{a}	161^{a}	17^{b}	9.55^{b}
SEm±	13.65	0.33	2.72	2.19	1.30
CV%	16.31	4.06	5.41	17.98	18.94
Mean	251	24.59	150.89	23.44	13.47

Note: Treatment means followed by the same letter (s) within the column are non-significantly different among each other at 5% level of significance. SEm = Standard error of mean and CV= Coefficient of variation