Table 6 Effect of herbicides on TGW, grain yield, straw yield, HI and weed index on direct seeded rice cultivation at Chitwan during 2024

Treatments	TGW (g)	Grain yield (t/ha)	Straw yield (t/ha)	HI (%)	WI
Weedy Check	21.1^{b}	2.1^{c}	4.6^{c}	31.3^{c}	64.41^{a}
Weedfree	24.8^{a}	5.9^{ab}	7.0^{a}	45.7^{ab}	0.00^{b}
Pendimethalin	22.3^{b}	4.5^{b}	6.1^{b}	42.5^{b}	23.73^{b}
Pretilachlor	22.4^{b}	5.4^{ab}	6.3^{ab}	46.2^{ab}	8.47^{b}
Bispyribac sodium	24.0^{a}	6.1^{a}	6.9^{a}	46.9^{a}	−3.39^{b}
Pendi+2,4-D	21.5^{b}	3.7^{bc}	6.2^{b}	37.4^{bc}	37.29^{b}
Pretilachlor+2,4-D	22.0^{b}	4.6^{b}	5.9^{b}	43.8^{b}	22.03^{b}
Oxadiargyl	24.0^{a}	4.8^{b}	6.0^{b}	44.4^{b}	18.64^{b}
Bispyribac Sodium+ 2,4-D	24.2^{a}	6.0^{a}	7.1^{a}	45.8^{ab}	−1.69^{b}
SEm±	0.45	0.43	0.25	1.71	7.29
CV%	5.84	18.95	12.22	12.01	16.17
Mean	22.92	4.79	6.23	42.67	18.83

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