

Table 2 Effect of seed priming on germination percentage, mean germination time (MGT) and days to 50 % germination (T_{50}) of cucumber (*Cucumis sativus* cv. Bhaktapur Local) in Syangja, Nepal, 2024

Treatments	Germination parameters		
	Germination percentage	MGT (Days)	T_{50} (Days)
Control	73.34 ^c	6.90 ^a	6.83 ^a
Hot water (45 °C for 5 minutes)	88.00 ^a	6.30 ^b	6.00 ^b
GA ₃ 100 ppm	84.00 ^{ab}	6.22 ^{bc}	6.00 ^b
GA ₃ 200 ppm	81.34 ^{abc}	6.34 ^{bc}	6.00 ^b
KNO ₃ 1%	80.67 ^{abc}	6.06 ^c	6.00 ^b
KNO ₃ 3%	80.00 ^{abc}	6.19 ^{bc}	6.00 ^b
Cow urine 5%	77.34 ^{bc}	6.27 ^{bc}	6.00 ^b
Cow urine 10%	80.00 ^{abc}	6.26 ^{bc}	6.00 ^b
Vermiwash 10%	76.67 ^{bc}	6.17 ^{bc}	6.00 ^b
Vermiwash 20%	80.67 ^{abc}	6.41 ^b	6.00 ^b
CV (%)	5.52	1.98	0.75
LSD _{0.05}	7.54	0.21	0.07
Grand mean	80.20	6.31	6.08
SEm (\pm)	2.55	0.07	0.02
F-test	*	***	***

Note: Mean within the column followed by the same letter/s are not significantly different at 5% level of significance by DMRT. * Significant at 5% ($p < 0.05$), ** Significant at 1% ($p < 0.01$), *** Significant at 0.1% ($p < 0.001$), NS= non-significant at 5% ($p > 0.05$), SEm= Standard Error of mean, LSD= Least significant difference, CV= Coefficient of variance, MGT= Mean germination time and T_{50} = Days to 50% germination