

Table 4 Effect of seed priming on shoot length and root length of cucumber (*Cucumis sativus* cv. Bhaktapur Local) in Syangja, Nepal, 2024

Treatments	Shoot length (cm)	Root length (cm)
Control	9.42	15.49 <sup>c</sup>
Hot water (45 °C for 5 minutes)	9.91	20.09 <sup>ab</sup>
GA <sub>3</sub> 100 ppm	9.14	17.08 <sup>bc</sup>
GA <sub>3</sub> 200 ppm	9.56	21.15 <sup>a</sup>
KNO <sub>3</sub> 1%	10.81	17.76 <sup>bc</sup>
KNO <sub>3</sub> 3%	8.79	16.67 <sup>c</sup>
Cow urine 5%	9.89	16.56 <sup>c</sup>
Cow urine 10%	9.75	17.26 <sup>bc</sup>
Vermiwash 10%	9.85	15.75 <sup>c</sup>
Vermiwash 20%	9.53	16.62 <sup>c</sup>
CV (%)	6.36	9.57
LSD <sub>0.05</sub>	1.04	2.84
Grand mean	9.66	17.44
SEm (±)	0.35	0.96
F-test	NS	**

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