

Table 2 Germination parameters as influenced by different growing media on tomato in Kaski district, 2024

Treatment	Germination percentage (%)	Germination speed	Seedling vigor index I
T <sub>1</sub>	62.00 <sup>b</sup>	3.52 <sup>e</sup>	566.18 <sup>d</sup>
T <sub>2</sub>	90.00 <sup>a</sup>	6.41 <sup>ab</sup>	1 841.00 <sup>a</sup>
T <sub>3</sub>	94.67 <sup>a</sup>	6.16 <sup>abc</sup>	823.29 <sup>cd</sup>
T <sub>4</sub>	86.00 <sup>a</sup>	4.77 <sup>d</sup>	1058.12 <sup>bc</sup>
T <sub>5</sub>	86.00 <sup>a</sup>	5.29 <sup>cd</sup>	980.33 <sup>c</sup>
T <sub>6</sub>	86.67 <sup>a</sup>	6.65 <sup>a</sup>	1 351.60 <sup>b</sup>
T <sub>7</sub>	84.00 <sup>a</sup>	5.35 <sup>bcd</sup>	923.85 <sup>c</sup>
Grand mean	84.19	5.45	1 677.77
CV(%)	7.44	11.33	15.57
SE <sub>m</sub> (±)	1.36	0.135	36.62
LSD (0.05)	10.97	1.08	293.90
F test	***	***	***

Note: CV= Coefficient of variance, LSD= Least Significant Difference, SE<sub>m</sub>= Standard Error of Mean, Mean followed by different letter(s) within columns are significantly different based on LSD (5%) \*\*\*significant at 0.001 P level