

Table 3 Effect of varieties and mulching method on growth parameters of potato

Treatment	Germination (%)	Height (cm)	Stem number	Stem girth (cm)	Plant spread (cm)
Variety					
Khumal Seto	88.33 ^a	35.81 ^a	5.91 ^b	3.03 ^a	44.12 ^a
Cardinal	61.33 ^b	25.11 ^b	11.17 ^a	2.49 ^b	40.86 ^a
LSD (0.05)	8.51	2.73	1.48	0.05	4.54
SEM (±)	0.06	0.64	0.48	2.81	1.5
F probability	<0.001	<0.001	<0.001	<0.001	NS
CV%	9.68	7.24	19.85	6.05	26.9
Mulching method					
Black plastic mulch	92 ^a	34.82 ^a	9.5 ^a	3.10 ^a	48.13 ^a
Silver plastic mulch	83.33 ^a	33.70 ^a	8.66 ^a	2.88 ^b	45.93 ^{ab}
Organic mulch	65.67 ^b	28.43 ^b	8.5 ^a	2.63 ^c	40.58 ^{bc}
Control	58.33 ^b	24.90 ^c	7.5 ^a	2.44 ^c	35.33 ^c
LSD (0.05)	12.04	2.82	2.09	0.21	6.42
SEM (±)	0.08	0.90	0.69	0.07	2.11
F probability	<0.001	<0.001	NS	<0.001	<0.01
CV%	12.99	7.24	19.85	6.05	12.21
Grand mean	74.83	30.46	8.54	2.76	42.5

Note: ± Means of 3 replications. Means in column with same superscript is not significantly different by DMRT at 0.05 level, LSD: Least Significant Difference, CV: Coefficient of variation, SEM (±): Standard error of mean