

Table 5 Effect of varieties and mulching methods on yield parameters of potato

Treatment	Tuber number	Weight (kg/m ²)	Grading		
			(<50 gm)	(50-100 gm)	(>100 gm)
Variety					
Khumal Seto	75.75 ^a	3.74 ^a	44.67 ^b	16.67 ^a	8.25 ^a
Cardinal	65.58 ^a	1.66 ^b	68.83 ^a	6.25 ^b	0.67 ^b
LSD (0.05)	8.1	0.11	9.34	3.54	1.33
SEM (±)	2.67	0.66	3.07	1.17	0.44
F probability	NS	<0.001	<0.001	<0.001	<0.001
CV%	12.73	14.28	18.79	35.28	34.16
Mulching method					
Black plastic mulch	83.17 ^a	3.63 ^a	-	15 ^a	6.83 ^a
Silver plastic mulch	81.17 ^a	3.09 ^b	-	14 ^{ab}	5 ^{ab}
Organic mulch	71.67 ^a	2.47 ^c	-	9.33 ^{bc}	4.33 ^b
Control	54.67 ^b	1.59 ^d	-	7.50 ^c	1.67 ^c
LSD (0.05)	11.46	0.48	-	5.00	1.89
SEM (±)	3.78	0.16	-	1.65	0.62
F probability	<0.001	<0.001	-	<0.05	<0.001
CV%	12.73	14.28	-	35.28	34.16
Grand mean	72.67	2.7	56.75	11.46	4.45

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