

Table 3 Effect of scion variety and wrapping materials on the average length and girth of sprouts on tongue grafting of apple in Jumla, 2023

| Treatments | Sprout length (cm) | | Sprout girth (cm) | |
|-------------------------------|---------------------|--------------------|-------------------|-------|
| | 60DAG | 75DAG | 60DAG | 75DAG |
| Factor A (Scion varieties) | | | | |
| Fuji | 11.85 ^{ab} | 37.78 ^a | 1.30 | 1.59 |
| Royal Delicious | 9.65 ^b | 31.45 ^b | 1.29 | 1.52 |
| Red Chief | 9.95 ^b | 33.05 ^b | 1.25 | 1.57 |
| Vance Delicious | 12.68 ^a | 31.88 ^b | 1.36 | 1.44 |
| SEm (\pm) | 0.79 | 1.37 | 0.04 | 0.09 |
| LSD | 2.41* | 4.15* | ns | ns |
| Factor B (Wrapping materials) | - | - | - | - |
| Polyethylene plastic | - | - | - | - |
| Grafting tape | 10.45 | 33.29 | 1.28 | 1.53 |
| | 11.62 | 33.79 | 1.32 | 1.53 |
| SEm (\pm) | 0.56 | 0.96 | 0.027 | 0.06 |
| LSD | ns | ns | ns | ns |
| Grand mean | 11.03 | 33.54 | 1.3045 | 1.53 |
| CV (%) | 17.61 | 10.00 | 7.24 | 14.46 |

Note: Means with the same letter within a column do not differ significantly at $p=0.05$ by DMRT. *= Significant at 5% ($p\leq 0.05$), **= Significant at 1% ($p\leq 0.01$), ***= Significant at 0.1% ($p\leq 0.001$), ns= non-significant, SEm= Standard error of the mean, LSD= Least Significant Difference, CV= Coefficient of variance, DAG= Days after grafting