**Table 1.** The effect of chitosan application on the growth of Black Pepper seedling

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| --- | --- | --- | --- |
| **Parameter** | **Treatment** | **Control****(Untreatment plant)** | **Percentage of increase (%)** |
| Plant Height | Chitosan 0.05 % | 26.230a | 20.420b | 28.45 |
| Chitosan 0.75 % | 28.270a | 38.44 |
| Chitosan 1 % | 32.290a | 58.12 |
| Leaf Diameter  | Chitosan 0.05 % | 3.5600a | 2.7400b | 29.92 |
| Chitosan 0.75 % | 3.5800a | 30.65 |
| Chitosan 1 % | 4.2400a | 54.74 |