Table 2. Some physical and chemical properties of soil from different tree species. Averages for n=30 samples, the standard deviation is given.

|  |  |  |  |
| --- | --- | --- | --- |
| Soil Properties | Tree species | | |
| **Black pine** | **Cedar** | **Beech** |
| Sand (%) | 75,00±4,92b | 73,43±4,95b | 67,45±3,49a |
| Silt (%) | 15,91±3,88b | 12,28±3,41a | 13,92±3,48a |
| Clay (%) | 9,09±3,54a | 14,29±4,43b | 19,00±3,69c |
| Soil texture | Sandy loam | Sandy loam | Sandy loam |
| pH (H2O) | 6,13±0,66b | 7,14±0,61c | 4,99±0,52a |
| pH classes | Slightly acidic | Neutral | Very strong acidic |
| EC (dS m-1) | 0,58±0,31b | 0,53±0,15b | 0,17±0,06a |
| Bulk density (g cm-3) | 1,12±0,16b | 0,99±0,19a | 0,90±0,17a |
| Particle density (g cm-3) | 2,65±0,11c | 2,59±0,12b | 2,50±0,09a |
| Porosity (%) | 57,50±8,94a | 61,84±5,29b | 63,98±4,51b |
| OC (%) | 4,27±1,12a | 5,44±1,68b | 4,63±0,87a |
| TN (%) | 0,25±0,08a | 0,77±0,45b | 0,28±0,07a |
| C/N ratio | 18,00±3,65c | 8,77±4,47a | 17,31±4,46a |
| Cstock (t h-1) | 48,05±16b | 53,34±19b | 40,77±8a |
| Nstock (t h-1) | 2,77±1,11a | 7,10±3,41b | 2,46±0,56a |

Values shown by different upper case letter among the tree species are significantly different (P≤0.05).