|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Dehydrogenase** | |  |
|  |  |  |  |  |
| **T1** | 3.72 | 3.43 | 3.64 | **3.60** |
| **T2** | 3.20 | 3.29 | 3.51 | **3.33** |
| **T3** | 3.65 | 3.52 | 3.99 | **3.72** |
| **T4** | 4.18 | 4.23 | 4.04 | **4.15** |
| **T5** | 5.18 | 5.12 | 5.32 | **5.21** |
| **T6** | 4.02 | 4.12 | 3.77 | **3.97** |
| **T7** | 4.81 | 5.04 | 4.64 | **4.83** |
| **T8** | 2.71 | 2.95 | 2.78 | **2.81** |

**0.11**

**0.34**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Bacteria** |  |  |
|  |  |  |  |  |
| **T1** | 22.35 | 22.11 | 22.44 | **22.30** |
| **T2** | 21.88 | 20.69 | 21.03 | **21.20** |
| **T3** | 24.39 | 23.86 | 22.54 | **23.60** |
| **T4** | 25.66 | 25.79 | 25.35 | **25.60** |
| **T5** | 30.36 | 29.06 | 29.99 | **29.80** |
| **T6** | 24.59 | 23.91 | 24.10 | **24.20** |
| **T7** | 26.74 | 26.03 | 28.53 | **27.10** |
| **T8** | 19.72 | 19.37 | 18.51 | **19.20** |

**0.39**

**1.18**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Actinomycetes** | |  |
|  |  |  |  |  |
| **T1** | 22.60 | 23.40 | 22.40 | **22.80** |
| **T2** | 21.05 | 20.79 | 20.86 | **20.90** |
| **T3** | 23.08 | 23.11 | 23.12 | **23.10** |
| **T4** | 24.54 | 24.91 | 25.85 | **25.10** |
| **T5** | 27.60 | 28.67 | 26.46 | **27.57** |
| **T6** | 23.13 | 23.95 | 23.72 | **23.60** |
| **T7** | 25.90 | 24.02 | 27.24 | **25.72** |
| **T8** | 18.36 | 17.88 | 19.56 | **18.60** |

**0.49**

**1.51**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Fungi** |  |  |
| **T1** | 6.50 | 6.57 | 6.74 | **6.60** |
| **T2** | 6.36 | 6.08 | 6.47 | **6.30** |
| **T3** | 6.71 | 7.07 | 7.22 | **7.00** |
| **T4** | 7.94 | 7.91 | 7.84 | **7.90** |
| **T5** | 8.75 | 8.78 | 8.86 | **8.80** |
| **T6** | 7.35 | 7.00 | 7.25 | **7.20** |
| **T7** | 8.24 | 8.70 | 8.57 | **8.50** |
| **T8** | 5.38 | 5.33 | 5.50 | **5.40** |

**0.09**

**0.27**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Soil Urease** |  |  |
| **T1** | 42.76 | 45.18 | 46.15 | **44.70** |
| **T2** | 42.39 | 44.28 | 42.93 | **43.20** |
| **T3** | 47.20 | 44.63 | 46.47 | **46.10** |
| **T4** | 52.01 | 50.50 | 49.89 | **50.80** |
| **T5** | 52.54 | 53.21 | 50.85 | **52.20** |
| **T6** | 52.68 | 48.33 | 46.59 | **49.20** |
| **T7** | 50.23 | 53.65 | 51.21 | **51.70** |
| **T8** | 42.44 | 39.08 | 41.48 | **41.00** |

**1.04**

**3.16**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Biomass Carbon** | |  |
| **T1** | 120.50 | 125.17 | 121.83 | **122.50** |
| **T2** | 120.22 | 124.10 | 119.80 | **121.37** |
| **T3** | 125.80 | 121.30 | 122.20 | **123.10** |
| **T4** | 128.85 | 127.95 | 131.10 | **129.30** |
| **T5** | 131.71 | 133.90 | 136.16 | **133.92** |
| **T6** | 127.50 | 130.20 | 125.70 | **127.80** |
| **T7** | 131.24 | 133.04 | 130.52 | **131.60** |
| **T8** | 119.12 | 118.97 | 118.91 | **119.00** |

**1.15**

**3.50**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Biomass Nitrogen** | |  |
| **T1** | 20.82 | 23.34 | 21.54 | **21.90** |
| **T2** | 21.64 | 21.21 | 21.04 | **21.30** |
| **T3** | 24.28 | 22.92 | 23.89 | **23.70** |
| **T4** | 24.20 | 26.30 | 24.80 | **25.10** |
| **T5** | 26.23 | 28.28 | 27.69 | **27.40** |
| **T6** | 23.27 | 23.76 | 24.98 | **24.00** |
| **T7** | 25.18 | 26.06 | 28.27 | **26.50** |
| **T8** | 20.02 | 20.45 | 18.93 | **19.80** |

**0.57**

**1.73**