**Table 1: Analysis of Variance**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Mean SD** | | | | | | | | |
| **Variety** | | **Chl** | **LAI** | **tw** | **GSV** | **H** | **Glu** | **TW** |
| **V1** | | 34.876.34 | 53.0718.52 | 2.492 0.592 | 0.417 0.793 | 25.73 3.51 | 10.967 1.140 | 6.590 7.14 |
| **V2** | | 25.78 9.77 | 57.08 22.80 | 2.257 0.610 | 1.000 0.739 | 26.07 6.89 | 10.883 1.133 | 9.470 9.36 |
| **V3** | | 20.098.97 | 33.98 14.73 | 1.872 0.564 | 4.50 3.66 | 26.85 4.06 | 10.758 0.954 | 6.460 7.72 |
| **V4** | | 20.605.06 | 41.94 13.77 | 2.050 0.769 | 4.917 2.575 | 33.92 5.21 | 11.492 1.616 | 10.99 6.44 |
| **V5** | | 26.24 11.52 | 35.17 12.52 | 2.254 0.833 | 2.917 3.147 | 23.91 4.70 | 11.317 1.545 | 7.760 3.81 |
| p Values | Treatment | 0.000 | 0.000 | 0.135 | 0.000 | 0.076 | 0.000 | 0.000 |
| Variety | 0.000 | 0.000 | 0.047 | 0.000 | 0.000 | 0.000 | 0.263 |
| Treatment x Variety | 0.001 | 0.050 | 0.000 | 0.007 | 0.375 | 0.000 | 0.885 |
| Chl: Chlorophyll (%), LAI: Leaf Area Index, tw: Tuber Weight (g), GSV: Growth Status Value, H: Height (cm), Glu: Glucose, TW: Tuber Weight (g)  p0.05 = significant at 5%, p0.01 = significant at 1%, p0.001 = significant at 0.1%, p0.05 = non-significant | | | | | | | | |

**Table 2: Analysis of Variance (Using R Programming)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Mean SD** | | | | | | | | |
| **Variety** | | **Chl** | **LAI** | **tw** | **GSV** | **H** | **Glu** | **TW** |
| **V1** | | 34.876.34 | 53.0718.52 | 2.492 0.592 | 0.417 0.793 | 25.73 3.51 | 10.967 1.140 | 6.590 7.14 |
| **V2** | | 25.78 9.77 | 57.08 22.80 | 2.257 0.610 | 1.000 0.739 | 26.07 6.89 | 10.883 1.133 | 9.470 9.36 |
| **V3** | | 20.098.97 | 33.98 14.73 | 1.872 0.564 | 4.50 3.66 | 26.85 4.06 | 10.758 0.954 | 6.460 7.72 |
| **V4** | | 20.605.06 | 41.94 13.77 | 2.050 0.769 | 4.917 2.575 | 33.92 5.21 | 11.492 1.616 | 10.99 6.44 |
| **V5** | | 26.24 11.52 | 35.17 12.52 | 2.254 0.833 | 2.917 3.147 | 23.91 4.70 | 11.317 1.545 | 7.760 3.81 |
| p Values | Treatment | 0.0000 | 0.0000 | 0.0805 | 0.0000 | 0.0887 | 0.0000 | 0.0000 |
| Variety | 0.0000 | 0.0000 | 0.0209 | 0.0000 | 0.0001 | 0.0000 | 0.2049 |
| Treatment x Variety | 0.0012 | 0.0611 | 0.0000 | 0.0074 | 0.4191 | 0.0000 | 0.8287 |
| Chl: Chlorophyll (%), LAI: Leaf Area Index, tw: Tuber Weight (g), GSV: Growth Status Value, H: Height (cm), Glu: Glucose, TW: Tuber Weight (g)  p0.05 = significant at 5%, p0.01 = significant at 1%, p0.001 = significant at 0.1%, p0.05 = non-significant | | | | | | | | |