|  |  |
| --- | --- |
| **Soil Moisture** | |
| **Hypothesis** | ***p*-value** |
| Test for difference between all treatment | |
|  | 0.0854 |
| Test for Interaction | |
|  | 0.9327 |
| Test for Main Effects | |
|  | 0.0142 |
|  | 0.2962 |
| Test for Pairwise Differences | |
|  | 0.8196 |
|  | 0.7293 |
|  | 0.2518 |
|  | 0.3824 |
|  | 0.074 |
|  | 0.7637 |

|  |  |
| --- | --- |
| **Soil Temperature** | |
| **Hypothesis** | ***p*-value** |
| Test for difference between all treatment | |
|  | 0.16 |
| Test for Interaction | |
|  | 0.7175 |
| Test for Main Effects | |
|  | 0.0695 |
|  | 0.1715 |

|  |  |
| --- | --- |
| **Minimum Soil Temperature** | |
| **Hypothesis** | ***p*-value** |
| Test for difference between all treatment | |
|  | 0.0365 |
| Test for Interaction | |
|  | 0.6555 |
| Test for Main Effects | |
|  | 0.2675 |
|  | 0.0045 |
| Test for Pairwise Differences | |
|  | 0.2595 |
|  | 0.079 |
|  | 0.755 |
|  | 0.6105 |
|  | 0.293 |
|  | 0.1685 |

|  |  |
| --- | --- |
| **Maximum Soil Temperature** | |
| **Hypothesis** | ***p*-value** |
| Test for difference between all treatment | |
|  | 0.144 |
| Test for Interaction | |
|  | 0.749 |
| Test for Main Effects | |
|  | 0.042 |
|  | 0.228 |
| Test for Pairwise Differences | |
|  | 0.767 |
|  | 0.6725 |
|  | 0.4225 |
|  | 0.518 |
|  | 0.1705 |
|  | 0.7145 |