|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Variety** | **Replicate** | **Treatment** | **plant height reading 1 (cm)** | **plantheight reading 2 (cm)** | **plant height reading 3 (cm)** | **plant height 4(cm)** | **plant height 5 (cm)** | **plant height 6 (cm)** | **Ground cover %** | **Ground cover %** | **Ground cover %** | **Ground cover %** | **Ground cover %** | **Ground cover %** | Number of hills per square meter | After data transformed | Number of plants per square meter | After data transformed |
| 1 | 1 | 1 | 30.4 | 43.8 | 48.4 | 56.7 | 68.29777778 | 79.22222222 | 57.5 | 60 | 75 | 100 |  |  |  |  | 350 | 18.70828693 |
| 1 | 1 | 2 | 25.4 | 31.8 | 40.1 | 47.7 | 56.9 | 69.2 | 25 | 60 | 67.5 | 70 | 70 | 82.5 | 46 | 6.782329983 | 138 | 11.74734012 |
| 1 | 1 | 3 | 25.1 | 31.22222222 | 39.6 | 47.9 | 57.3 | 68.6 | 17.5 | 25 | 32.5 | 57.5 | 80 | 87.5 | 24 | 4.898979486 | 96 | 9.797958971 |
| 1 | 1 | 4 | 28.11111111 | 35.7 | 45.1 | 51.4 | 60 | 70.2 | 15 | 27.5 | 55 | 75 | 90 | 92.5 | 38 | 6.164414003 | 114 | 10.67707825 |
| 1 | 2 | 1 | 30.25 | 43.375 | 48.2 | 56.85714286 | 68.6 | 80 | 70 | 75 | 90 | 100 |  |  |  | 0 | 306 | 17.49285568 |
| 1 | 2 | 2 | 25.625 | 31.66666667 | 39.6 | 47.6 | 57.3 | 68.16666667 | 32.5 | 75 | 75 | 95 | 95 | 97.5 | 42 | 6.480740698 | 126 | 11.22497216 |
| 1 | 2 | 3 | 25 | 32.16666667 | 40 | 48 | 57.2 | 68.9 | 15 | 25 | 42.5 | 72.5 | 72.5 | 92.5 | 24 | 4.898979486 | 96 | 9.797958971 |
| 1 | 2 | 4 | 28.2 | 35.28571429 | 44.8 | 51.2 | 60.2 | 70.6 | 25 | 30 | 57.5 | 77.5 | 80 | 92.5 | 46 | 6.782329983 | 138 | 11.74734012 |
| 1 | 3 | 1 | 30.42857143 | 43.83333333 | 48.4 | 56.71428571 | 68.9 | 79 | 65 | 75 | 92.5 | 100 |  |  |  | 0 | 344 | 18.54723699 |
| 1 | 3 | 2 | 24.83333333 | 31.6 | 40.2 | 47.375 | 57.5 | 68.9 | 27.5 | 75 | 65 | 80 | 80 | 92.5 | 42 | 6.480740698 | 126 | 11.22497216 |
| 1 | 3 | 3 | 25 | 32.14285714 | 39.8 | 48.3 | 57.8 | 68.6 | 17.5 | 25 | 30 | 40 | 65 | 90 | 24 | 4.898979486 | 96 | 9.797958971 |
| 1 | 3 | 4 | 28.16666667 | 35.2 | 44.83333333 | 51.8 | 60 | 70.7 | 35 | 50 | 65 | 77.5 | 80 | 87.5 | 44 | 6.633249581 | 132 | 11.48912529 |
| 2 | 1 | 1 | 40.38 | 49 | 58.11111111 | 66.88888889 | 78.1 | 90.3 | 75 | 77.5 | 82.5 | 100 |  |  |  | 0 | 246 | 15.68438714 |
| 2 | 1 | 2 | 32.1 | 39.9 | 49 | 59.72727273 | 70.22222222 | 79.6 | 22.5 | 37.5 | 52.5 | 65 | 80 | 87.5 | 48 | 6.92820323 | 144 | 12 |
| 2 | 1 | 3 | 33.5 | 42.6 | 50.6 | 61.33333333 | 71.41333333 | 80 | 15 | 15 | 42.5 | 47.5 | 67.5 | 70 | 24 | 4.898979486 | 96 | 9.797958971 |
| 2 | 1 | 4 | 34.8 | 43.3 | 55.4 | 64.2 | 73.8 | 82.66666667 | 20 | 25 | 50 | 55 | 72.5 | 85 | 44 | 6.633249581 | 132 | 11.48912529 |
| 2 | 2 | 1 | 39.6 | 48.5 | 58.36363636 | 66.2 | 77.9 | 89.9 | 50 | 85 | 92.5 | 100 |  |  |  | 0 | 284 | 16.85229955 |
| 2 | 2 | 2 | 32.54545455 | 41 | 49.5 | 60.4 | 70.4 | 79 | 35 | 42.5 | 65 | 70 | 72.5 | 90 | 46 | 6.782329983 | 138 | 11.74734012 |
| 2 | 2 | 3 | 33 | 41.8 | 49.9 | 61 | 70.5 | 78.77777778 | 15 | 17.5 | 32.5 | 45 | 60 | 80 | 24 | 4.898979486 | 96 | 9.797958971 |
| 2 | 2 | 4 | 34.27272727 | 43.2 | 55.27272727 | 63 | 73.54545455 | 82.45454545 | 15 | 20 | 42.5 | 52.5 | 55 | 80 | 36 | 6 | 108 | 10.39230485 |
| 2 | 3 | 1 | 40 | 49.6 | 57.81818182 | 66.9 | 78.9 | 89.625 | 57.5 | 87.5 | 92.5 | 100 |  |  |  | 0 | 278 | 16.673332 |
| 2 | 3 | 2 | 31.9 | 39.7 | 49.8 | 60 | 70.71428571 | 79.42857143 | 37.5 | 42.5 | 55 | 62.5 | 80 | 95 | 48 | 6.92820323 | 144 | 12 |
| 2 | 3 | 3 | 32.11111111 | 42.4 | 50.11111111 | 60.2 | 71 | 80.25 | 17.5 | 22.5 | 40 | 60 | 75 | 80 | 24 | 4.898979486 | 96 | 9.797958971 |
| 2 | 3 | 4 | 33.9 | 42.9 | 54.77777778 | 63.4 | 73.25 | 83.75 | 22.5 | 30 | 50 | 67.5 | 70 | 72.5 | 32 |  | 96 | 9.797958971 |