|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Variety** | **Replicate** | **Treatment** | **Seedling height reading 1 (cm)** | **Seedling height reading 2 (cm)** | **Seedling height reading 3 (cm)** | **Seedling height after 12 days (cm)** | **Seedling Dry weight (g)** | **Total root length (cm)** | **Chlorophyll content of leaves** | **Average number of seedlings dispensed per hill** | | | | |  | **Number of seedlings per 25 square centimeters** | |
| **low gear** | After data transformed | **mid gear** | After data transformed | **high gear** | After data transformed | **Value** | **After data transformed** |
| 1 | 1 | 1 | 6.41 | 10.15 | 14.76 | 18.24 | 0.1025 | 273.9612 | 31.4 | 3 | 1.58113883 | 3 | 1.788854382 | 5 | 2.302172887 | 77 | 8.774964387 |
| 1 | 1 | 2 | 6.17 | 9.28 | 11.63 | 15.81 | 0.101 | 242.7725 | 30.2 | 3 | 1.702938637 | 3 | 1.816590212 | 6 | 2.50998008 | 102 | 10.09950494 |
| 1 | 1 | 3 | 5.69 | 6.77 | 7.57 | 11.69 | 0.0646 | 198.8409 | 29.8 | 5 | 2.28035085 | 5 | 2.309401077 | 7 | 2.588435821 | 138 | 11.74734012 |
| 1 | 1 | 4 | 5.14 | 5.68 | 6.34 | 9.68 | 0.0658 | 118.8316 | 32.7 | 6 | 2.42899156 | 6 | 2.50998008 | 7 | 2.664582519 | 184 | 13.56465997 |
| 1 | 2 | 1 | 6.3 | 10.19 | 14.92 | 18.37 | 0.09635 | 269.3141 | 33.4 | 3 | 1.61245155 | 3 | 1.788854382 | 5 | 2.213594362 | 71 | 8.426149773 |
| 1 | 2 | 2 | 6.18 | 9.24 | 11.73 | 15.93 | 0.1068 | 320.3814 | 34.1 | 3 | 1.758098146 | 3 | 1.843908891 | 6 | 2.449489743 | 98 | 9.899494937 |
| 1 | 2 | 3 | 5.7 | 6.68 | 7.62 | 11.7 | 0.0654 | 190.3221 | 33.4 | 5 | 2.213594362 | 5 | 2.213594362 | 7 | 2.569046516 | 142 | 11.91637529 |
| 1 | 2 | 4 | 5.18 | 5.67 | 6.31 | 9.84 | 0.058 | 167.8065 | 29.9 | 6 | 2.529822128 | 7 | 2.560381916 | 7 | 2.607680962 | 169 | 13 |
| 1 | 3 | 1 | 6.39 | 10.2 | 14.87 | 18.7 | 0.108 | 298.7268 | 30.4 | 3 | 1.643167673 | 3 | 1.825741858 | 5 | 2.213594362 | 73 | 8.544003745 |
| 1 | 3 | 2 | 6.2 | 9.32 | 11.71 | 15.92 | 0.0952 | 255.3656 | 31.4 | 3 | 1.788854382 | 3 | 1.843908891 | 6 | 2.469817807 | 97 | 9.848857802 |
| 1 | 3 | 3 | 5.74 | 6.75 | 7.59 | 11.62 | 0.0668 | 202.5398 | 29.3 | 5 | 2.213594362 | 5 | 2.236067977 | 7 | 2.588435821 | 130 | 11.40175425 |
| 1 | 3 | 4 | 5.21 | 5.68 | 6.4 | 9.55 | 0.061 | 216.5364 | 30.4 | 6 | 2.50998008 | 6 | 2.529822128 | 7 | 2.664582519 | 178 | 13.34166406 |
| 2 | 1 | 1 | 7.3 | 12.24 | 16.12 | 19.48 | 0.149 | 369.3253 | 32.5 | 2 | 1.414213562 | 2 | 1.549193338 | 3 | 1.843908891 | 49 | 7 |
| 2 | 1 | 2 | 7.14 | 11.77 | 15.86 | 18.34 | 0.118 | 339.1535 | 30.3 | 3 | 1.58113883 | 3 | 1.788854382 | 5 | 2.144761059 | 67 | 8.185352772 |
| 2 | 1 | 3 | 6.47 | 9.2 | 12.67 | 15.87 | 0.1059 | 334.1149 | 29.6 | 3 | 1.702938637 | 4 | 1.897366596 | 5 | 2.213594362 | 102 | 10.09950494 |
| 2 | 1 | 4 | 6.4 | 6.62 | 7.79 | 10.32 | 0.0803 | 312.2217 | 32.4 | 4 | 2.097617696 | 5 | 2.258317958 | 6 | 2.387467277 | 129 | 11.35781669 |
| 2 | 2 | 1 | 7.39 | 12.25 | 16.11 | 19.65 | 0.138 | 372.8756 | 31.3 | 2 | 1.449137675 | 3 | 1.61245155 | 3 | 1.855921454 | 52 | 7.211102551 |
| 2 | 2 | 2 | 7.19 | 11.72 | 15.75 | 18.27 | 0.125 | 340.619 | 30 | 3 | 1.61245155 | 3 | 1.732050808 | 5 | 2.144761059 | 70 | 8.366600265 |
| 2 | 2 | 3 | 6.46 | 9.26 | 12.8 | 15.64 | 0.143 | 337.2195 | 31.5 | 3 | 1.702938637 | 4 | 1.897366596 | 5 | 2.167948339 | 104 | 10.19803903 |
| 2 | 2 | 4 | 6.4 | 6.69 | 7.78 | 10.7 | 0.0864 | 313.7117 | 31.9 | 4 | 2.081665999 | 5 | 2.19089023 | 6 | 2.469817807 | 134 | 11.5758369 |
| 2 | 3 | 1 | 7.4 | 12.27 | 16.13 | 19.86 | 0.1365 | 365.2655 | 33.2 | 2 | 1.516575089 | 3 | 1.643167673 | 4 | 1.897366596 | 48 | 6.92820323 |
| 2 | 3 | 2 | 7.21 | 11.68 | 15.71 | 18.42 | 0.1158 | 341.7057 | 33 | 3 | 1.58113883 | 3 | 1.760681686 | 5 | 2.144761059 | 63 | 7.937253933 |
| 2 | 3 | 3 | 6.49 | 9.29 | 12.1 | 15.74 | 0.104 | 332.6848 | 29.5 | 3 | 1.760681686 | 4 | 1.923538406 | 5 | 2.213594362 | 102 | 10.09950494 |
| 2 | 3 | 4 | 6.4 | 6.74 | 7.79 | 10.41 | 0.09069 | 304.026 | 35.7 | 4 | 1.974841766 | 5 | 2.19089023 | 6 | 2.529822128 | 120 | 10.95445115 |