**Table 1. Percent reduction of physiological traits over control under simulated drought conditions in groundnut**

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| --- | --- | --- | --- |
| **Genotypes** | **Percent reduction over control** | | |
| **GP (%)** | **GVI (%)** | **RL (%)** |
| **VRI7** | 77.78 | 95.33 | 80.06 |
| **CO 1** | 60.00 | 79.52 | 34.52 |
| **TMV 7** | 90.00 | 97.38 | 33.87 |
| **CO7** | 12.50 | 19.34 | 13.91 |
| **VRI5** | 10.00 | 56.07 | 27.22 |
| **CO4** | 66.67 | 89.15 | 65.52 |
| **TMV 13** | 60.00 | 79.22 | 67.31 |
| **COG18-37** | 50.00 | 87.41 | 72.48 |
| **VRI6** | 60.00 | 89.93 | 60.13 |
| **ALR 1** | 14.29 | 73.70 | 82.80 |
| **COG17006** | 60.00 | 86.19 | 66.00 |
| **VRI 8** | 88.89 | 96.76 | 75.76 |
| **BSR 2** | 50.00 | 59.31 | 64.85 |
| **CO 2** | 66.67 | 65.14 | 4.00 |
| **COG0539** | 25.00 | 74.94 | 76.40 |
| **TMV 1** | 60.00 | 87.56 | 45.21 |
| **ALR 2** | 55.56 | 64.63 | 28.41 |
| **VRI 4** | 60.00 | 88.73 | 25.00 |
| **VRI 9** | 80.00 | 92.62 | 68.18 |
| **VRI 3** | 100.00 | 100.00 | 100.00 |
| **ALR 3** | 70.00 | 90.98 | 74.13 |
| **COG 0549** | 33.33 | 63.26 | 74.57 |
| **COG17007** | 40.00 | 81.95 | 95.77 |
| **TMV 14** | 57.14 | 82.41 | 40.61 |
| **VRI 10** | 80.00 | 94.75 | 87.90 |
| **TMV 10** | 50.00 | 83.13 | 54.77 |
| **CO 6** | 30.00 | 71.98 | 84.45 |
| **COG0537** | 70.00 | 89.05 | 61.41 |

(GP- Germination percentage, GVI- Germination velocity index, RL- Root length)

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| **Figure 1. Variations observed in the root length of the groundnut variety CO2** | **Figure 2. Variations observed in the root length of the groundnut COG17007** |
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