**Table S4:** Dry masses of shoots and roots of the apple genotypes ‘M26, B63, and *Malus ×robusta* MAL0595 four weeks after transplanting to γARD soil and ARD soil from ‘Heidgraben’ and ‘Meckenheim’. Values with the same letter within one line did not differ significantly (Tukey test, *p* = 0.05, n = 4-5). StDV – standard deviation; Red - Growth reduction in % compared between gamma and untreated soil from one site; n.s. – not significant. Asterisks indicate a significant reduction regarding the Tukey test (\* = *p* < 0.05).

|  |  |  |  |
| --- | --- | --- | --- |
| **Genotype** | **Dry mass ± StDV****[mg]** | **Heidgraben** | **Meckenheim** |
| **γARD** | **ARD** | **% Red** | **γARD** | **ARD** | **% Red** |
| **M26** | Shoot  | 285.2 ± 69.5a | 199.2 ± 57.2a | -30.2 | 440.2 ± 129.9b | 239.8 ± 63.3a | -45.5\* |
| Root  | 37.8 ± 7.8n.s. | 32.0 ± 17.5n.s. | -15.3 | 43.4 ± 10.2n.s. | 24.4 ± 7.0n.s. | -43.8 |
| **B63** | Shoot  | 289.8 ± 71.7ab | 174.8 ± 41.8bc | -39.7 | 377.0 ± 90.9a | 166.5 ± 12.0c | -50.6\* |
| Root  | 90.2 ± 36.2a | 51.2 ± 14.1ab | -43.2 | 48.0 ± 17.4b | 34.5 ± 8.5b | -28.1 |
| **MAL0595** | Shoot  | 266.2 ± 63.2n.s. | 197.5 ± 53.7n.s. | -25.8 | 423.9 ± 284.4n.s. | 254.2 ± 186.5n.s. | -40.0 |
| Root  | 77.4 ± 26.8n.s. | 48.0 ± 17.8n.s. | -38.0 | 70.5 ± 49.7n.s. | 76.8 ± 62.6n.s. | +8.9 |