|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | Primary axis length | | Primary axis node number | | TCA | | Sylleptic shoot length | | Sylleptic shoot  node number | | Sylleptic shoots  per tree | |
| Rootstock | Site | Year 1 | Year 2 | Year 1 | Year 2 | Year 1 | Year 2 | Year 1 | Year 2 | Year 1 | Year 2 | Year 1 | Year 2 |
| ‘M27’ | HN | 118.8 a  (2.1) | 153.9 c  (2.2) | 54.9 b  (1.0) | 67.4 c  (0.9) | 1.8 a  (0.1) | 2.9 c  (0.1) | 202.1 b  (19.2) | 250.8 b  (18.7) | 145.6 b  (10.5) | 132.5 c  (10.2) | 8.4 b  (0.7) | 7.0 c  (0.7) |
| PN | 106.5 a  (2.0) | 123.6 b  (2.7) | 49.3 a  (1.2) | 59.7 b  (0.9) | 1.8 a  (0.1) | 1.2 a  (0.0) | 98.2 a  (23.5) | 17.5 a  (18.8) | 67.5 a  (12.8) | 13.0 a  (4.8) | 4.2 a  (0.9) | 0.7 a  (0.7) |
| MT | 113.5 a  (2.0) | 109.2 a  (2.6) | 54.3 b  (0.9) | 52.8 c  (1.0) | 1.9 a  (0.1) | 2.3 b  (0.1) | 56.2 a  (18.7) | 76.8 a  (19.7) | 53.7 a  (10.2) | 54.4 b  (10.7) | 5.1 a  (0.7) | 4.1 b  (0.7) |
| ‘M9’ | HN | 114.4 a  (2.0) | 165.4 c  (2.6) | 56.0 b  (1.0) | 69.5 c  (0.9) | 2.0 a  (0.1) | 4.3 c  (0.1) | 198.0 b  (19.4) | 404.9 b  (18.7) | 148.5 b  (10.6) | 195.3 c  (10.2) | 9.3 b  (0.7) | 9.6 c  (0.7) |
| PN | 110.9 a  (1.8) | 133.1 b  (1.8) | 51.5 a  (1.0) | 59.6 b  (1.0) | 2.1 a  (0.1) | 1.9 a  (0.1) | 102.7 a  (15.4) | 87.0 a  (19.0) | 72.5 a  (11.4) | 49.3 a  (10.4) | 4.7 a  (0.8) | 3.0 a  (0.7) |
| MT | 119.8 a  (3.0) | 117.5 a  (1.9) | 58.8 b  (1.1) | 55.2 a  (1.0) | 2.1 a  (0.1) | 3.3 b  (0.1) | 36.1 a  (21.7) | 153.3 a  (19.7) | 33.1 a  (11.9) | 100.6 b (10.7) | 4.2 a  (0.8) | 6.2 b  (0.7) |
| ‘M793’ | HN | 138.9 b  (2.0) | 181.0 c (3.9) | 63.1 b  (1.0) | 77.5 c  (0.9) | 3.2 a  (0.1) | 4.8 c  (0.1) | 353.3 b  (19.4) | 509.6 b  (18.7) | 234.4 b  (10.6) | 224.4 c  (10.2) | 12.9 b  (0.7) | 11.2 c  (0.7) |
| PN | 125.8 a  (3.2) | 143.5 b  (2.6) | 55.2 a  (1.1) | 66.7 b  (0.9) | 3.0 a  (0.1) | 2.2 a  (0.1) | 235.6 a  (22.0) | 111.3 a  (18.8) | 128.6 a  (12.0) | 55.8 a  (10.2) | 7.8 a  (0.8) | 3.4 a  (0.7) |
| MT | 131.6 a  (2.2) | 128.7 a (2.8) | 59.9 ab  (1.2) | 58.5 a  (1.0) | 3.1 a  (0.1) | 3.2 b  (0.1) | 162.4 a  (23.5) | 148.9 a  (19.7) | 130.5 a  (12.8) | 98.0 b  (10.7) | 12.6 b  (0.9) | 7.4 b  (0.7) |

**Supplementary Table S2. Pairwise comparison of mean values for architectural measurement between sites**. Data were fitted to a mixed linear model and for each rootstock and year, and comparisons were made using Fisher’s least significant difference test. Sites are Havelock North (HN), Palmerston North (PN), and Motueka (MT). Year 1 refers to 2011-12 and Year 2 is 2012-13, standard error in parentheses. A different superscript letter indicates a significant difference (p < 0.01) between site values within a rootstock and year