Supplementary Table 1.Main ornamental traits of 15 caladium cultivars used in the study.

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| --- | --- | --- | --- | --- | --- | --- |
| **Cultivar name** | **Plant height (cm)** | **Leaf type** | **Leaf size (cm) (average length x width)** | **Main leaf color** | **Spots/blotches** | **References** |
| Aaron | 30 to 40 | Fancy | 19.3 x 13.2 | Creamy white | No | Bell et al. 1998;  Wilfret and Hurner 1982 |
| Brandywine | 25 to 40 | Fancy | 22.6 x 15.7 | Red | Yes | Bell et al. 1998;  Wilfret and Hurner 1982 |
| Candidum | 30 to 43 | Fancy | 19.1 x 12.2 | White with green veins | No | Bell et al. 1998;  Wilfret and Hurner 1982 |
| Carolyn Whorton | 33 to 45 | Fancy | 28.7 x 19.4 | Pink | Light pink blotches and spots | Deng et al. 2011 |
| Cherry Tart | 15 to 30 | Lance | 16.3 x 11.2 | Red | No | Deng and Harbaugh 2011 |
| Fairytale Princess | 22 to 40 | Lance | 16.2 x 10.6 | Red | No | Deng et al. 2013 |
| Freida Hemple | 24 to 44 | Fancy | 18.5 x 12.2 | Red | No | Bell et al. 1998;  Wilfret and Hurner 1982 |
| Pink Beauty | 28 to 30 | Fancy | 16.8 x 11.4 | Pink | Pink spots | Bell et al. 1998;  Wilfret and Hurner 1982 |
| Postman Joyner | 25 to 45 | Fancy | 18.8 x 11.9 | Red | Dark red spots | Bell et al. 1998;  Wilfret and Hurner 1982 |
| Red Flash | 33 to 48 | Fancy | 20.8 x 12.4 | Red | Pink spots | Bell et al. 1998;  Wilfret and Hurner 1982 |
| Rosebud | 17 to 27 | Fancy | 13.2 x 9.7 | Pink | No | Bell et al. 1998;  Wilfret and Hurner 1982 |
| Tapestry | 34 to 42 | Fancy | 26.8 x 18.3 | Pink and green | Light pink blotches | Deng et al. |
| White Christmas | 31 to 43 | Fancy | 18.5 x 12.2 | White with green veins | White blotches | Bell et al. 1998;  Wilfret and Hurner 1982 |
| White Queen | 30 to 35 | Fancy | 20.6 x 12.7 | White with red veins | No | Bell et al. 1998;  Wilfret and Hurner 1982 |
| White Wing | 22 to 27 | Lance | 15.5 x 9.4 | White | No | Bell et al. 1998;  Wilfret and Hurner 1982 |

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