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Root Characteristics of Cuttings Grown from Evergreen Azalea

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Varietal differences in root development were evaluated using cuttings of four cultivars of evergreen azaleas. More than 80% of cuttings were propagated under a rain shelter, a closed-frame and a mist propagation system. Total root length of cuttings of *R. × pulchrum* ‘Oomurasaki’ were long, while those of ‘Osakaduki’ and Kurume azalea ‘Kirin’ tended to be short. Leaf number of each azalea were increased in cuttings of shaded rain shelter and closed-frame compared to mist propagation system except for the leaf area of *R. × macrosepalum*, *R. indicum* ‘Osakaduki’ and *R. × mucronatum* ‘Kirin’.

wide rooting areas in the cuttings, having many and a wide range of cylindrical net in the nursery bed. *R. kaempferi* and Kurume azalea narrow rooting area, having a small number of roots extending out c differences of root characteristics in rooted cuttings showed the sam planted plants in a previous study and would be related to genetic tra adaptation to the natural habitat environment by each original specie derived from them. Root characteristics of cuttings from evergreen : of the root traits of field plants and would be useful information for : breeding of evergreen azalea.

Key Words: [Rhododendron](#), [rooting](#), [total root length](#)

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