



Effect of Rooting Media and IBA on the Rooting Behaviour and Vegetative Growth of Kiwifruit (*Actinidia deliciosa* Chev.)

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Abstract: The rooting characteristics and vegetative growth responded significantly to the interactive effect of different rooting media and cultivars. The rooting medium comprising of forest soil + sand + soil (1:2:1) registered higher rooting (45.71 %) of cuttings in both the cultivars and resulted in highest number of main roots (15.64), secondary roots (11.47) and total root length (183.75cm). The vegetative growth was significantly influenced by various rooting media. Hayward had longest shoot length (7.85cm) in all the media except forest soil + sand + soil (1:2:1) in which the cultivar Abbott resulted in higher shoot length. Leaf number (6.48) was highest in cuttings planted in medium containing sand + soil (2:1), however, leaf area (92.25cm²) in cuttings planted in medium forest soil + sand + soil (1:2:1), which was significantly higher than all other rooting media under study.

Key Words: Abbott, Hayward, IBA, Kiwifruit, Rooting media,
