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ROOT PATTERN STUDIES IN ACID LIME IN SANDY LOAM SOILS

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ABSTRACT : The slow decline in the acid lime (*Citrus aurantifolia* Swingle) resulted in reduction in the area and production of the crop especially in Tamil Nadu. Though many theories were postulated for this decline, it still remains as a complex problem. Hence a study was undertaken to find out whether the orchards with sandy loam soil type have any effect on the productivity of acid lime. The problem was approached from an angle viz., studying the rooting pattern of acid lime trees in this soil. The results revealed that the fibrous root spread was restricted to 0 - 30 cm from the ground level.

Key Words : Root pattern studies, acid lime and sandy loam soils.