

Pruning Residue Effects on Symbiotic N₂ Fixation and $\delta^{13}\text{C}$ Isotopic Composition of *Sesbania sesban* and *Cajanus cajan*

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Abstract : Despite their potential importance in recycling dinitrogen (N₂) fixed in alley cropping systems, the effects of tree pruning residues on symbiotic N₂ fixation are poorly studied. A 2 x 2 x 2 factorial experiment was conducted to evaluate the effects of pruning residue management and pruning date on symbiotic performance and

Keywords : alley cropping, management, N₂ fixed, natural abundance, recycling

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