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Prospective of Tree Lucerne in Hilly Areas for Fodder, Soil Health and Carbon Sequestration -A Review

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Abstract: *Tree Lucerne is a perennial fodder tree provides protein rich fodder grows well in cool hilly regions. Cultivation of tree Lucerne in slopy lands helps in conserving soil and water and improves carbon sequestration level in soil. Tree Lucerne contains 23 to 28 percent crude protein that can be converted in to human protein through eggs, milk, white meat and red meat and facilitates human health. It grows well in the hilly area of Western Ghats, southern India and also can be grown in other hilly regions of India to meet the fodder needs, improve soil health by conserving soil and water and sequestering carbon.*

Keywords: *Tree lucerne, Hilly area, fodder Soil health, Carbon sequestration*