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## Effect of soil and water conservation techniques along with integrated nutrients on cashew nut yield in coastal zone of Karnataka

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Cashew is a cash crop having good export potentiality in gaining foreign exchange. The soil and water conservation measures were lack in coastal zone of Karnataka. In view of this, the present study was conducted in Ariyapu village, which is situated in coastal zone of Karnataka (zone-10) with operational area of putter Taluk, Dakshina Kannada District. The experiment was laid out in plot design with three replication having 108 plants in interaction between soil and water conservation measures and integrated nutrient levels were responded in normal planting. The experimental plants were seven years old with space of 8x6 m. the trench across the slope on four side conservation recorded highest cashew nut (10.79q/ha and 11.48q/ha during 2009 and 2010 respectively) yield in combination of organic and inorganic fertilizer levels. Similarly moisture content was also improved in the conservation method of trench across the slope on four side conservations.

### Biography

Anandakumar B M completed his PhD in Water Management and Soil Conservation from Kuvempu University, Karnataka. He joined as Assistant Professor in extension education unit of the university and presently working as Principal of Diploma (Agri) at College of Kathalagere and involved in research, teaching and extension activities of the programmes. During the period of his services, he attended national and international conferences and published 10 research papers, nine research abstracts, 10 research notes and 15 technical bulletins and two book chapters in national and international journal.

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