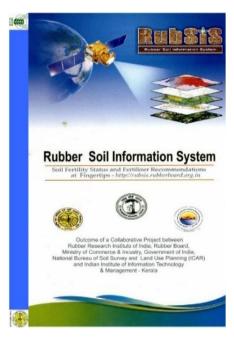


Digital Assistant



Rubber Soil Information System

ICAR-NBSS&LUP in collaboration with Rubber Research Institute of India (RRII), Rubber Board undertook a detailed survey of rubber growing soils of South India with an objective to bring the entire rubber area in the country within the ambit of soil test based fertilizer recommendation. Rubber growing area (three years and older) in each panchayat was mapped with medium resolution satellite images of scale 1:50000 and one composite soil sample (0-30 cm) was collected from each 50 ha rubber area. Total 11000 soil samples were collected from rubber growing regions of South India during December 2012 and May 2013. Soil samples were analysed for soil pH, organic carbon, primary, secondary and micronutrients and nutrient content in the fine earth fraction was mapped with geostatistical techniques, deriving a surface value for each location using the values from the measured locations through Kriging interpolation technique. Web based fertilizer recommendation "Rubber Soil Information System" was developed based on interpolated soil fertility data in collaboration with Indian Institute of Information Technology and Management - Kerala (IIITM-K) overlaying different soil fertility parameters and soil depth following the guidelines of discriminatory fertilizer recommendations and released for use by public by Hon'ble



Rubber Soil Information System

Minister of Commerce, Dr. Nirmala Sitaraman at Udyog Bhavan, New Delhi on 23. 02. 2017.

Research Team: Dr. K. M. Nair, Dr. Anil Kumar K. S., Dr. R. Hegde and Dr. S. K. Singh