

### Leaf sampling survey in custard apple to Develop DRIS and CND norms

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Leaves collected from middle portion of the twig which obtained in last fortnight of July to 1<sup>st</sup> fortnight of August are considered as ideal for sampling in custard apple. Based on this technique a leaf sampling survey in custard apple was carried out in August 2016 in Poyali (19), Hathnimathal (16), Nathpura (9), Bakrol (33), Saraswa (14), Labdodhar (18) Zingeri (26) and Vejalpur (34) villages in Panchmahals district of Gujarat, Bhabhor (6), village in Chotaudaipur district and Baina (33) village (Devagad bariya-TK) in Dahod district of Gujarat and it was further carried out in August 2017 in Malpur area of Gujarat and Chittorgarh area of Rajasthan to establish DRIS and CND norms. The average potassium concentration of different villages varied from 5410 ppm in Poyali to 10397 ppm in Saraswa. The average phosphorous concentration of different villages varied from 1069 ppm in Vejalpur to 1538 ppm in Baina. The average calcium concentration of different villages varied from 11946 ppm in Labdodhar to 18560 ppm in Vejalpur. The average magnesium concentration of different villages varied from 10844 ppm in Saraswa to 15517 ppm in Vejalpur.



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