

# Modification of fertilizer recommendations for *Hevea brasiliensis*

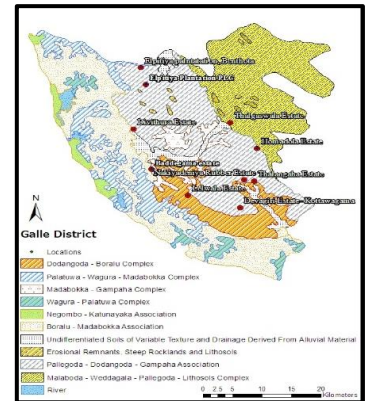
Identify the soil fertility gaps in traditional rubber growing area and fill that gaps by proper nutrient management systems (Funded by Ministry of plantation industries and export agriculture, 2017-2021)

## Project progress

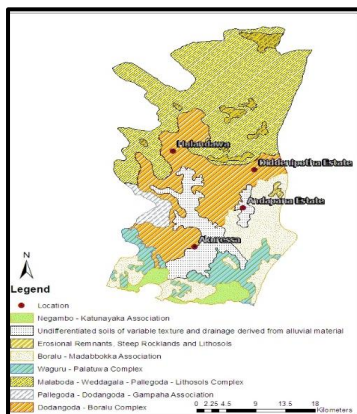
- Different soil series were identified in rubber growing areas under five districts and prepared soil maps
- 42 estates were identified as different sampling units under five districts
- Total extent of 4916 ha were covered for collecting 612 soil samples and 592 leaf samples
- Total number of 6732 soil parameters and 2368 leaf parameters were analyzed for the preparation of data bases

## Future plan

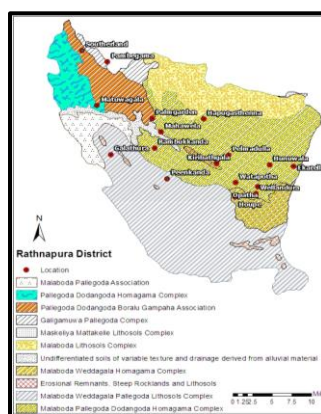
- Data bases will be utilized for the preparation of new protocol for fertilizer recommendation of rubber



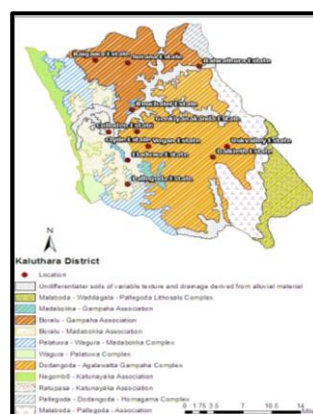
1) Galle map



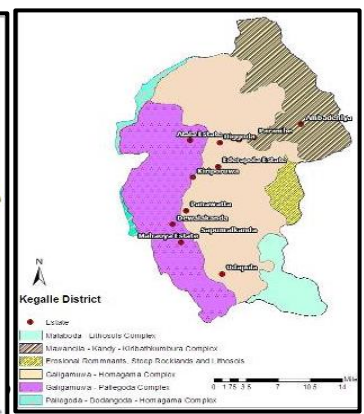
2) Matara map



3) Rathnapura map



4) Kalutara map



5) Kegalle map

## Expected output:

- Modification of current fertilizer recommendations for rubber
- Optimize soil nutrient levels and land productivity of rubber growing soils

## Outcome:

- Early opening for tapping, enhance the profit margins of the growers by providing them economic sustenance for their livelihood.

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