RUBIS Training on Near Infrared Spectroscopy (NIRS)

(September 26-30)

In this training program the participants learnt about the application of near infrared (NIR) spectroscopy on latex diagnosis. This training was taught by Dr. Gilles Chaix from CIRAD. This training was conducted at Indonesian Rubber Research Institute, Sembawa. Nine researchers from IRRI and one lecturer from Gadjah Mada University joined this training

This training was carried out from 26-30 September 2022.

Program

September 26:

- Pre-test of NIR spectrometer in the field
- Adjustment of measurement protocol in the field

September 27:

- Spectral measurement on 88 latex samples collected from SSCT1 and PT2 trial
- Latex samples collection for latex diagnosis (LD)
- Analysis of LD samples in the laboratory

September 28:

- Analysis of the spectral and latex diagnosis data collected from SSCT1 and PT2 trial using ChemFlow
- Spectral measurement of leaves samples collected from SSCT1 and PT2 trial

Sptember 29:

- Spectral measurement of 35 additional latex samples collected at PT2 trials,
- Latex samples collection for LD
- LD analysis in the laboratory
- Analysis of the spectral and latex diagnosis data collected from SSCT1 and PT2 trial using ChemFlow

September 30:

- Analysis of the spectral and latex diagnosis data collected from SSCT1 and PT2 trial using ChemFlow