Intensive training @ Kasetsart University

Topic: Genstat and ASreml workshop

Date: August 24, 2016 **Time:** 8.30 am. - 4 pm.

Place: Kasetsart University Research and Development Institute (KURDI**),** Kasetsart University

Contact person: K.Theerasak Suntara

Audience from

1. Faculty of Agriculture

2. Faculty of Fisheries

3. Faculty of Forestry

4**.** Faculty of Science

Course Content:

- **Basic Statistics with Genstat® and ASreml®**
  - Summary statistics and graphics
  - One and Two-sample inferences
  - One-way ANOVA
  - Goodness of fit test
  - Regression

- **Advanced statistical designs and analysis with Genstat® and ASreml®**
  - Block experiment w/wo missing data
  - Incomplete block experiment and α-design
  - Mixed Model and BLUP
  - BLUP with pedigree
  - Multivariate BLUP w/wo pedigree
  - Animal Model and EBV

- All topics will be introduced using Case studies

  ** The special requirement topic could be added later.

Course Structure:

- One-day workshop
  - **First half day**: Introduction and Demo using GenStat and R (including ASReml-R)
  - **Second half day**: Computer practice