

NEW CONTRIBUTION OF THE THESIS

Thesis title: Establishment Reference Values of Latex Physiological Parameters for Rubber Clones (*Hevea brasiliensis* Muell. Arg.)

Field: Crop Science

Code: 9.62.01.10

PhD candidate: Do Kim Thanh

Supervisors: Dr. Bui Minh Tri, Dr. Tran Thi Thuy Hoa

Educational institution: Nong Lam University, Ho Chi Minh City

Issued number of Decision of thesis evaluation committee at University level:
...../QD-DHNL-SDH

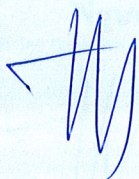
Date of issuing decision:

New findings of the thesis:

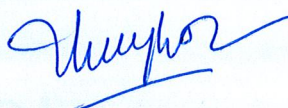
1. Five new elite rubber clones i.e. LH95/147, LH95/90, LH95/376, LH96/89 and LH93/349 were selected due to their prominent productivity and good latex physiological parameters in comparison to control and popular ones.
2. It was the first time in Vietnam to adopt principal component analysis (a method of multivariate analysis) in order explanation and interpretation the results of early clonal trial dealing with multi observed parameters.
3. Latex phosphorus and thiols contents were newly found as indicator of tapping panel dryness.
4. Reference values of the four latex physiological parameters of four new current rubber clones were established.
5. The results of the analysis of simple and multiple regression contributed in confirmation of the four latex physiological parameters with regard to biological role, significance and reliability in relation to rubber yield.

Supervisors

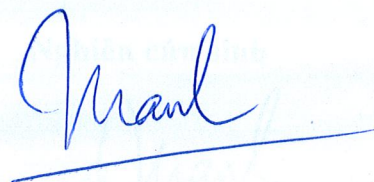
PhD candidate



Dr. Bui Minh Tri



Dr. Tran Thi Thuy Hoa



Do Kim Thanh