Processing of Oil Palm (*Elaeis guineensis* Jacq.) Seed Bunch in Pusat Penelitian Kelapa Sawit Marihat, North Sumatera

Benny Julyan
A24070075

Abstract

An internship and research activity was conducted in Pusat Penelitian Kelapa Sawit, Marihat, North Sumatera started from February until July 2011. The main purpose of this internship and research is to improve knowledge, skills, experience about seed production and to research the seed viability based on seed place of palm oil fruit bunch. The primary data obtained by two things, there is participating in four SUS-BHT (Satuan Usaha Strategis - Bahan Tanaman) Divisions such as Breeding, Parent Tree, Seed Production and Quality Control. The second is a research program about tetrazolium viability and germinated seed test based on seed place in a fruit bunch. The processing of palm oil seed bunch consist of chopping, fermentation, fruit striping, peeling, breaking dormancy, and germinating. The conclusion of the research is the best part to make a good seed in a middle part of fruit bunch.

Keywords: tetrazolium viability test, germinated oil palm seed, seed place, Pusat Penelitian Kelapa Sawit