ABSTRACT

DAMAGED IDENTIFICATION OF FALCATA (Paraserianthes falcatoria) ON COMMUNITY FOREST IN DUSUN DANAU VILLAGE MARGA KAYA PRINGSEWU REGENCY WITH FHM (FOREST HEALTH MONITORING) METHOD

By

YUSMANTO MALIK IBRAHIM

FHM (Forest Health Monitoring) is a method that can be used to find out the further of the disturbing that occurs on the health of the forest. Forest health will influence the forest productivity. The research aimed to identify the type of damaged, the location of the damaged, and value of damaged of falcata trees in the community forest. This research was carried out in the Danau Village Marga Kaya Pringsewu Regency for 2 months. Collection of data was done by FHM, the result obtained nine types of damaged, cancer (26%), open cuts (25%), resinosis and gummosis (5%), rod broke, (1%), broken rods (2%), liana (5%), died back (1%) and broken branches (8%), leaves (28%). While the most suffered were the bottom of stem (52%), the upper and lower part stem (7%), the upper part of the stem (4%), the stem header (1%), branches (2%), shoots (15%), and leaves (21%). The condition of community forest is minor damage categorized healthy by the index value of the damaged 7,24%.

Keywords: community forests, damaged, falcata, FHM.