

ABSTRACT

*Mangunan orchard is one area in Dlingo District, Bantul Regency which potential for the cultivation of durian (*Durio zibethinus* Murr.). From 2012 to 2013, the declining production of durian has occurred in this area. Accordingly, a study entitled “Study of Land Suitability for Durian in Mangunan orchard, Dlingo District, Bantul Regency” conducted from Desember 2015 up to March 2016.*

The results showed that the Mangunan orchard actually quite suitable for cultivation of durian and have a class of land suitability for durian S2o, r-3, n-1, e-1 with soil drainage, effective soil depth, cation exchangeable capacity and slope as the limiting factors. The recommendation to increase durian production in the region are sub-surface soil tillage, organic matter application, terracing, contour parallel planting and crop cover planting.

Keyword: Mangunan orchard, durian cultivation, durian production declining