

ABSTRACT

Patchouli plants was a low patchouli production rate of only one hectare per year. This research was conducted in Nisam Antara District. This research used survey procedures which included preparation, introduction, primary survey, and presentation of results. Soil sampling was carried out by looking at the soil map unit, namely 17 land map units. Class land suitability of patchouli plants in Nisam Antara sub-district is marginally suitable (S3) found in LMU 4, LMU 6, LMU 9, LMU 11, LMU 14, LMU 15, LMU 17. LMU 4 was the limiting factor of K2O. limiting factor K2O. LMU 6 were rainfall, wet month, K2O, slope. The factor limiting factors at LMU 9 were rainfall, wet months, soil texture, P2O5, K2O slope. The limiting factors at LMU 11 were rainfall, wet month, K2O, slope. wet month, K2O, slope. The limiting factors at LMU 14 are rainfall, wet month, P2O5, K2O. Limiting factors at LMU 15 are rainfall, wet month, K2O, slope. Limiting factors at LMU 17 were rainfall, wet month, P2O5, K2O, while the unsuitable class (N) is found at LMU 4 was the limiting factor of K2O. limiting factor K2O

Keywords: Land Map Units, survey, rainfall