MAPPING LAND UNIT FOR LAND POTENTIAL EVALUATION OF AGRICULTURAL PRODUCTION IN HUONG SON DISTRICT, HA TINH PROVINCE

Tran Xuan Duc, Nguyen Ngoc Nong, Phan Thi Thanh Huyen

Summary

This study was conducted in Huong Son district, Ha Tinh province with the aim to mapping land unit for land evaluation of agricultural production. Based on natural characteristics, land characteristics, use requirement of land use type, available resources on soil, climate and irrigation, there are 11 indicators selected for mapping land unit in Huong Son district, including: annual average temperature, number of months with temperature from 8 to 13°C, average temperature of 2 months after harvesting oranges, soil type, slope, texture, top soil depth, soil fertility, irrigation regime, drainage capacity and waterlogging. Each of these indicators is integrated into a thematic map. The land unit map is constructed from overlapping 11 thematic maps identified 66 land map units (LMU), among which LMU number 48 had the smallest area with 0.98 hectares, LMU number 28 has the largest area with 8.637.77 hectares.

Keywords: Land unit map, land evaluation, agricultural production.