

ABSTRACT

Arfan Dalanggo. Evaluation of the suitability of land for development of chili (*capsicum annuum*) in the province of Gorontalo district Bolango bone. Under the guidance by Nurdin and Fauzan Zakaria.

Land evaluation suitability of land utilization types should be made to decision of land use precision option in society regime especially to bone bolango regency. The research approach that is use was survey metode in semi detailed level and farming analyzing the aim of the research to determine of land suitability classes, limiting factors and the widely of land development of chili Bone Bolango Regency was the location of the research in done began march to december 2011. However data analyzing done of Agrotechnology laboratory Agriculture of Faculty of Gorontalo state University. The stage of the research consist of preparation arranged of unit map, field surveys interview with farmers, soil analyzing in laboratorium, actual suitability class and potencial suitability class, the result of this research showing that the land suitability were moderately suitably (S2) marginally suitably (S3) and not suitably (N). however the limiting factors are temperature, rainfall, nutrient availability, rooting media and drainages for S3. The limiting factor was long term radition for N the limiting factors were slope and drainage, therefore the widely for S2 was 22.813,70 ha, S3 was 19.035,80 and N was 25. 273,65 ha.

Keyword : Suitability, limiting factor, chili

ABSTRAK

Arfan Dalanggo. Evaluasi kesesuaian lahan untuk pengembangan cabai (*Capsicum annum*) di provinsi Gorontalo tulang Bolango kabupaten. Di bawah bimbingan oleh Nurdin dan Fauzan Zakaria.

Evaluasi lahan kesesuaian jenis pemanfaatan lahan harus dilakukan untuk menentukan penggunaan lahan di Wilayah Kabupaten Bone Bolango. Pendekatan penelitian yang digunakan adalah metode survei tingkat semi detail dan tujuan penelitian untuk menentukan kelas kesesuaian lahan, faktor pembatas dan luas pengembangan lahan cabai Kabupaten Bone Bolango. Penelitian dilakukan mulai bulan Maret sampai dengan Desember tahun 2012. Analisis data dilakukan di laboratorium Fakultas Ilmu Ilmu Pertanian Universitas Negeri Gorontalo. Tahap penelitian meliputi, persiapan (pengumpulan data-data pendukung), pembuatan peta, survei lapangan dan wawancara petani, analisis kesesuaian lahan dan analisis usahatani. Hasil penelitian ini menunjukkan Kelas kesesuaian lahan untuk cabai di Kabupaten Bone Bolango. Hasil penelitian ini menunjukkan bahwa kesesuaian lahan cukup sesuai (S_2) sesuai marginal (S_3) dan tidak sesuai (N) dengan faktor-faktor pembatas yaitu suhu, curah hujan, ketersediaan hara, media perakaran dan drainase. Luas kesesuaian lahan S_2 seluas 22.813,70 ha, S_3 seluas 19.035,80 dan N seluas 25. 273,65 ha.

Kata Kunci : Kesesuaian lahan, Faktor Pembatas, Kelas, Cabai,