

MAPPING DISTRIBUTION AND PRODUCTION OF COCONUT (*Cocos nucifera* L.) IN SITUBONDO DISTRICT

As chief counselor Ir. Abdul Madjid, MP

Siti Hestiana
Study Program of Cultivation Of Plantation Crop
Departement of Agriculture Production

ABSTRACT

Indonesia is known as a country that has a variety of abundant natural resources and as one of the leading plantation sub-sector producing countries. One form of Indonesia's biological natural resources, the coconut plantation sub-sector, is expected to become a source of the national economy. Apart from being able to be used to meet domestic consumption, some coconut products are also exported. The area of coconut plantation development in Indonesia reaches 3,473,230 Ha with a productivity of 1.1 tons/Ha. Based on statistical data on coconut plantations in Indonesia for 2018-2020 from the Indonesian Ministry of Agriculture, the total coconut production in East Java province is 250,617 tons with a plantation area of 258,960 hectares. Situbondo Regency is one of the regencies in East Java that is overgrown with coconut plants. However, the distribution of coconuts in Situbondo Regency has not been mapped. Therefore, this research needs to be carried out with the aim of getting an overview by mapping the distribution of coconuts in each sub-district and knowing coconut production in each sub-district in Situbondo Regency. This research was carried out from August 2021 to February 2022, located at the Office of Horticulture and Plantation of Situbondo Regency and several villages located in each sub-district in Situbondo Regency. The primary and secondary data obtained were analyzed using the mean test and homogeneity test. The distribution of coconut plants in Situbondo Regency is presented in the form of a simple map with modifications/coloring. The results showed that coconut plantations in Situbondo Regency were evenly distributed throughout the sub-districts with relatively low production of less than 90 grains/tree/year and low to high productivity.

Keywords: *Coconut (Cocos nucifera L.), Mapping, Distribution, Production.*