

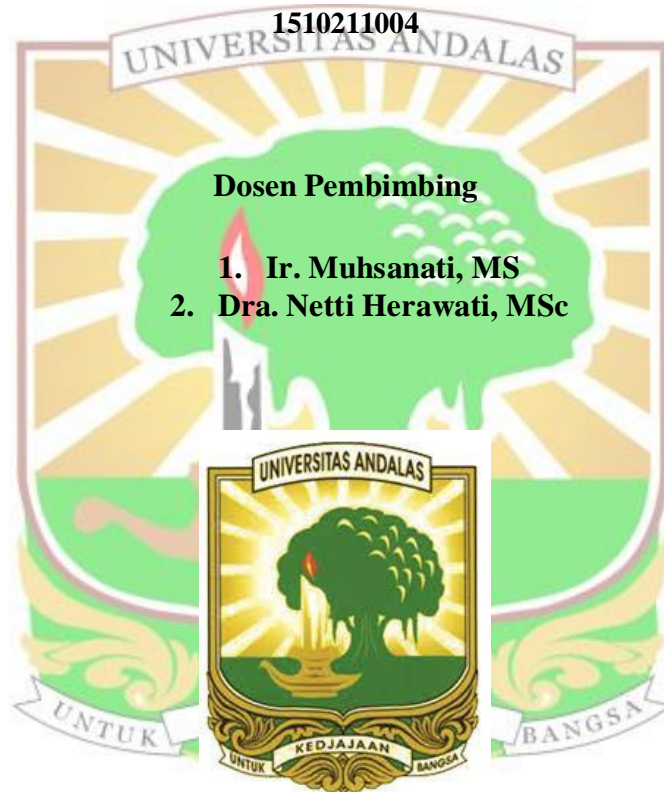
**KARAKTERISASI MORFOLOGI TANAMAN DURIAN
(*Durio zibethinus* Murr.) DI KECAMATAN LUBUK BASUNG**

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KARAKTERISASI MORFOLOGI TANAMAN DURIAN (*Durio zibethinus* Murr.) DI KECAMATAN LUBUK BASUNG

Abstrak

Penelitian ini membahas tentang karakterisasi morfologi tanaman durian (*Durio zibethinus* Murr.) di Kecamatan Lubuk Basung. Penelitian ini bertujuan untuk mengetahui karakter morfologi dan hubungan kekerabatan dan buah durian yang memiliki karakter unggul dari durian lokal pada berbagai nagari di Kecamatan Lubuk Basung. Penelitian ini telah dilaksanakan pada bulan Februari sampai bulan Mei 2019 di Nagari Lubuk Basung, Nagari Geragahan, Nagari Kampung Pinang, Nagari Kampung Tengah, dan Nagari Manggopoh. Metode yang digunakan adalah metode survey dan populasi yang digunakan adalah seluruh tanaman durian lokal di Kecamatan Lubuk Basung. Pengambilan sampel tanaman durian menggunakan metode *purposive sampling* dengan kriteria tanaman durian lokal yang sudah beberapa kali berbuah, diminati masyarakat, dan berumur minimal 40 tahun. Data hasil pengamatan morfologi selanjutnya dianalisis kemiripan untuk mengetahui tingkat kemiripan tanaman dengan menggunakan program NTSYS pc 2.02. Hasil pengamatan menjelaskan 12 aksesori tanaman durian, 4 berada di Nagari Lubuk Basung, 3 di Nagari Geragahan, 2 di Nagari kampung Pinang, 2 di Nagari Kampung Tengah, dan 1 di Nagari Manggopoh. Hasil dendogram dari 12 aksesori tanaman durian memiliki nilai koefisien 19 - 67%, dan buah durian yang memiliki karakter unggul terdapat pada aksesori LB 09.

Kata kunci: *Durian, Karakterisasi, Morfologi, Dendogram*



MORPHOLOGICAL CHARACTERIZATION OF DURIAN PLANTS (*Durio zibethinus* Murr.) IN LUBUK BASUNG DISTRICT

Abstract

This research discusses the morphological characteristics of durian plants (*Durio zibethinus* Murr.) in the Lubuk Basung District. This study aimed to determine the morphological characteristics and similarities between durian and also to know durian that have a superior character from local durian in various villages in Lubuk Basung District. This research was conducted from February to May 2019 in Nagari Lubuk Basung, Nagari Geragahan, Nagari Kampung Pinang, Nagari Kampung Tengah, and Nagari Manggopoh. The method used was the survey method, and the population used was all local durian plants in Lubuk Basung District. Durian plants sampling using a purposive sampling method with the criteria that were local durian plants that have been bearing fruit several times, durian was of public interest, and the plant was at least 40 years old. The morphological data were analyzed by similarity analysis to determine the level of plant similarity using the NTSYS pc 2.02 program. The result showed there were 12-accessions of durian plants, 4-accessions in Nagari Lubuk Basung, 3-accessions in Nagari Geragahan, 2-accessions in Nagari in Kampung Pinang, 2-accessions in Nagari in Kampung Tengah, and 1-accessions in Nagari Manggopoh. The results of dendrograms from 12-accessions of durian plants have a coefficient of 19 - 67%, and durian fruits that have superior character were found in LB 09 accessions.

Keywords: *Durian, Characterization, Morphology, Dendogram*

