

**ANALISIS KERAGAMAN FENOTIPIK *LANGSEK* MANIH
(*Lansium domesticum*) DAN KORELASI KARAKTER TANAMAN
DENGAN KADAR GULA**

SKRIPSI



**FAKULTAS PERTANIAN
UNIVERSITAS ANDALAS
PADANG
2019**

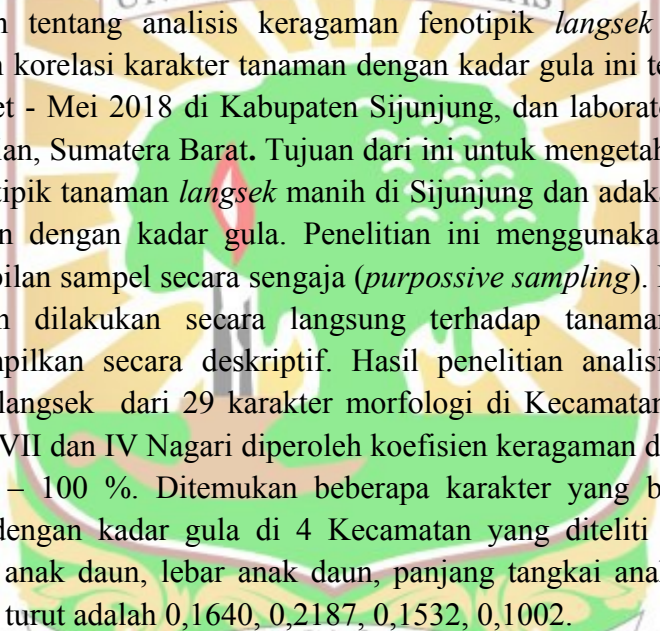
ANALISIS KERAGAMAN FENOTIPIK *LANGSEK* MANIH (*Lansium domesticum*) DAN KORELASI KARAKTER TANAMAN DENGAN KADAR GULA

Hanggraini Ramadhani

Dibawah bimbingan:

Dr. Ir. Benni Satria, MP dan Prof. Dr. Ir. Aswaldi Anwar, MS

ABSTRAK



Penelitian tentang analisis keragaman fenotipik *langsek* manih (*lansium domesticum*) dan korelasi karakter tanaman dengan kadar gula ini telah dilaksanakan pada bulan Maret - Mei 2018 di Kabupaten Sijunjung, dan laboratorium pengkajian teknologi pertanian, Sumatera Barat. Tujuan dari ini untuk mengetahui bagaimanakah variabilitas fenotipik tanaman *langsek* manih di Sijunjung dan adakah korelasi antara karakter tanaman dengan kadar gula. Penelitian ini menggunakan metode survey dengan pengambilan sampel secara sengaja (*purposive sampling*). Pengambilan data dan pengamatan dilakukan secara langsung terhadap tanaman *langsek*. Data morfologi ditampilkan secara deskriptif. Hasil penelitian analisis keragaman 32 aksesori tanaman *langsek* dari 29 karakter morfologi di Kecamatan Sumpur Kudus, Sijunjung, Koto VII dan IV Nagari diperoleh koefisien keragaman dengan angka 0,84 – 1,00 atau 84 – 100 %. Ditemukan beberapa karakter yang berkorelasi positif bersifat lemah dengan kadar gula di 4 Kecamatan yang diteliti seperti lingkaran batang, panjang anak daun, lebar anak daun, panjang tangkai anak daun, masing - masing berturut- turut adalah 0,1640, 0,2187, 0,1532, 0,1002.

Kata kunci: *Tanaman langsek, fenotipik, korelasi*

Analysis Of Phenotypic Diversity In Langsek Manih (*Lansium Domesticum*) And The Correlation Of The Characteristics Of Plants With Sugar Level

Hanggraini Ramadhani

Under the guidance of

Dr. Ir. Benni Satria, MP and Prof. Dr. Ir. Aswaldi Anwar, MS

ABSTRACT

On the research of the analysis of phenotypic diversity in langsek manih (*lansium domesticum*) and the correlation of the characteristics of plants with sugar level was carried out in March - May 2018 in Sijunjung Regency, and agricultural technology assessment laboratories, West Sumatra. The object of this is to find out how the phenotypic variability of the straight plants in Sijunjung and there a correlation between plant characters with sugar levels. This study used a survey method with purposive sampling. Taking of data and observations was carried out directly on straight plants. Morphological data displayed descriptively. The result of the analysis of the diversity of 32 accessions of straight plants from 29 morphological characters in Sumpur Kudus District, Sijunjung, Koto VII and IV Nagari were obtained coefficient of diversity with numbers 0.84 – 1,00 or 84 - 100%. Several characters were found positively correlated that weak with sugar levels in 4 Sub districts that was studied, such as stem circles, leaflets length, leaflets width, leaf stalk length, respectively 0.1640, 0.2187, 0.1532, 0.1002.

Keywords: Langsek plants, phenotypic, correlation