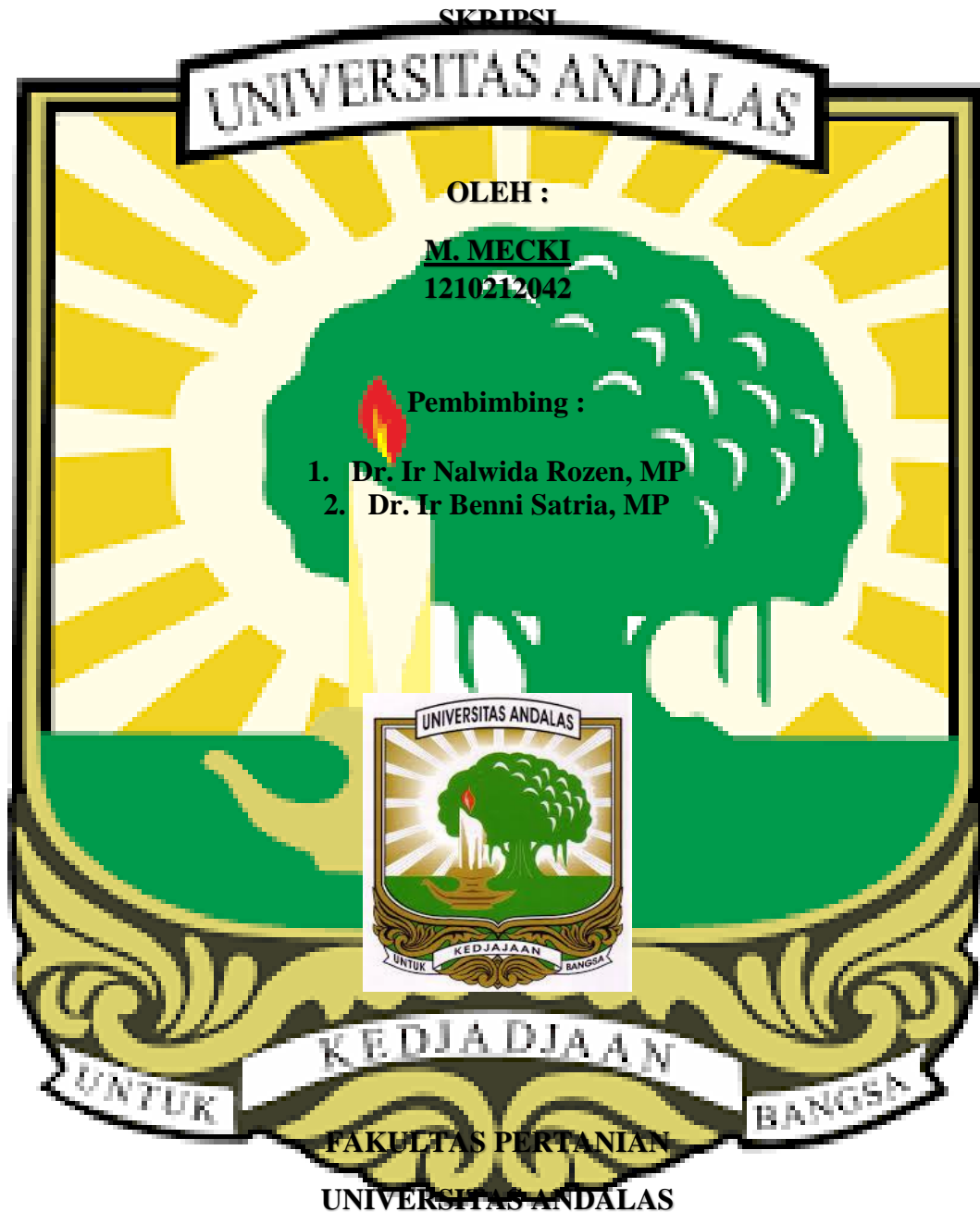


**RESPON PADI SAWAH (*Oryza sativa .L*) VARIETAS IR 42
DENGAN PENAMBAHAN PUPUK NPK PADA METODE SRI**



PADANG

2019

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*Sebagai salah satu syarat untuk memperoleh gelar
Sarjana Pertanian*

**FAKULTAS PERTANIAN
UNIVERSITAS ANDALAS**

PADANG

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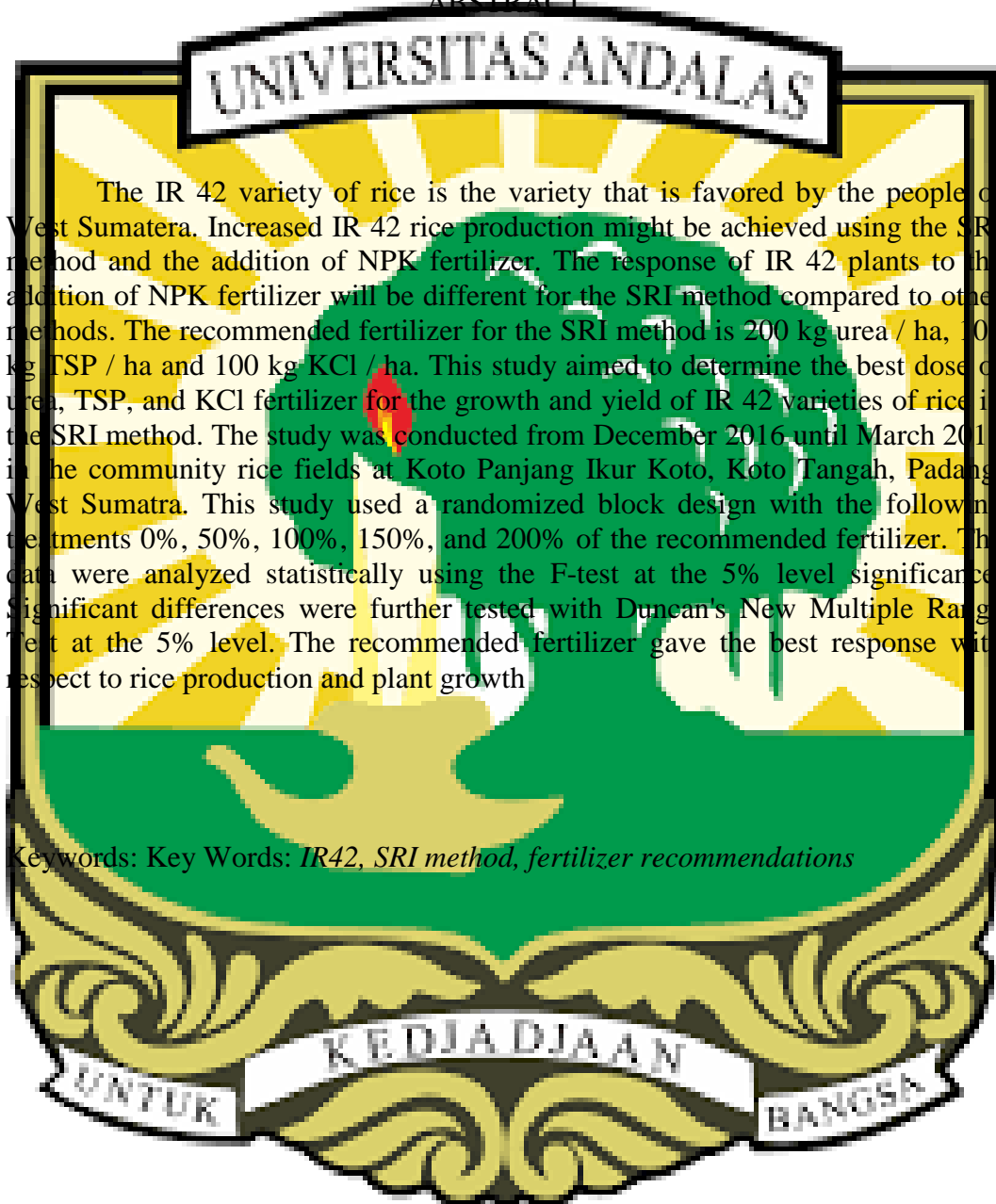
RESPONSE OF RICE (*Oryza sativa. L*) IR 42 VARIETY GROWN USING THE SRI METHOD TO NPK FERTILIZER

ABSTRACT

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The IR 42 variety of rice is the variety that is favored by the people of West Sumatera. Increased IR 42 rice production might be achieved using the SRI method and the addition of NPK fertilizer. The response of IR 42 plants to the addition of NPK fertilizer will be different for the SRI method compared to other methods. The recommended fertilizer for the SRI method is 200 kg urea / ha, 100 kg TSP / ha and 100 kg KCl / ha. This study aimed to determine the best dose of urea, TSP, and KCl fertilizer for the growth and yield of IR 42 varieties of rice in the SRI method. The study was conducted from December 2016 until March 2017 in the community rice fields at Koto Panjang Ikur Koto, Koto Tengah, Padang West Sumatera. This study used a randomized block design with the following treatments 0%, 50%, 100%, 150%, and 200% of the recommended fertilizer. The data were analyzed statistically using the F-test at the 5% level significance. Significant differences were further tested with Duncan's New Multiple Range Test at the 5% level. The recommended fertilizer gave the best response with respect to rice production and plant growth

Keywords: Key Words: *IR42, SRI method, fertilizer recommendations*



RESPON PADI SAWAH (*Oryza sativa* L) VARIETAS IR 42 DENGAN PENAMBAHAN PUPUK NPK PADA METODE SRI

ABSTRAK

