

RESEARCH ON NEW RICE VARIETIES IN 2016-2017 IN QUANG NGAI PROVINCE

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Summary

This study was conducted in the summer-autumn season 2016 and the winter – spring season 2016-2017 at Son Tinh station, Quang Ngai province, including nine new rice varieties: Thao Duoc Vinh Hoa 1, QNg500, QNg6, Kim Cuong 111, TL115, VS8, VS10, TBR279, Nam Huong 4 and the control variety, KDdb. The study aims to evaluate the ability of growth, development and yield of nine new rice varieties, and then determine the ones which are high yield, good quality and suitable for the conditions of cultivation in Quang Ngai province. As a result, in the summer-autumn season 2016, there were three high-yield rice varieties, including Kim Cuong 111 (71.83 quintal/ha), QNg6 (64.20 quintal/ha) and QNg500 (63.07 quintal/ha) that are higher than that of KDdb (56.30 quintal/ha) about 12%-27,6%. In the winter – spring season 2016-2017, the higher yield of the rice variety Kim Cuong 111 was 11.3% higher than that of KDdb (75.90 quintal/ha). Kim Cuong 111 got a high yield and stability in both seasons (summer-autumn and winter- spring), and good rice quality. It is considered as a prospect variety in Quang Ngai province.

Keywords: *Rice varieties, assay, Quang Ngai province, summer-autumn season, winter-spring season.*