

SELECTION SOME NEWLY HYBRID RICE CULTIVARS FOR THE NORTH-CENTRAL REGION OF VIETNAM

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Summary

The experiment was conducted to select the high-yielding hybrid rice cultivars and good quality that are suitable to the ecological conditions of Ha Tinh province, Northern Central Vietnam. The experiment was conducted with 6 newly hybrid rice cultivars named LC 270, Q.uu 6, yellow Arize 6129, 3813, 7571 and Nhi uu 838, in two cropping of 2016 summer-autumn and 2016 - 2017 winter-spring, at Cam Thanh commune, Cam Xuyen district, Ha Tinh province; in which Nhi uu 838 cultivar was a control treatment. The experiments were arranged by randomized block design (RCBD) with 5 treatments and 3 replications; each plot was 10 m². Research investigated the indicators on growth, yield and yield's components. The results showed that growing time of hybrid rice varieties was 104 - 112 days for summer-autumn and 110 - 121 days for winter-spring cropping. Field yields reached 63.1 - 81.6 quintals per hectare in 2016 summer-autumn cropping and 68.7 - 81.0 quintal per hectare in 2016 - 2017 winter-spring cropping. From the results of the assessment, two newly hybrid of LC 270 and yellow Arize 6129 were selected which has many good characteristics of short growing time, less disease and pest infestation, high-yielding, good rice quality and tasty.

Keywords: *Northern Central, hybrid rice, yield, growth.*