GROWTH, DEVELOPMENT AND GRAIN YIELD OF PUREBRED-RICE-CULTIVARS IN QUANG NGAI PROVINCE
Le Nhu Cuong, Bui Thi Phuong Ngan, Tran Van Manh

Summary
The purebred rice cultivars are popular used by the farmers in central of Vietnam. In this study, 07 rice cultivars (HV5, HQ184, HQ7, VS8, Bac Huong 9, QNg15, and the control cultivar HT1) are evaluated for growth, development and grain yield. The experiments were conducted during 2014-2015 winter-spring and summer-autumn crop years 2015 and at Son Tinh district, Quang Ngai province. The results of study showed that in the winter-spring, all the experimented rice cultivars got higher yield in comparing to the control from 11.0% to 27.6%. The Bac Huong 9 cultivar had the highest yield; in the summer-autumn crop, the rice cultivars HV15, HQ184, and HQ7 had higher yield compared to the control from 2.1% to 14.9%. The results of study showed that the rice cultivar HQ184 can be cultivated in Winter-Spring and Summer-Autumn crop with high yield, Bac Huong 9 cultivar for the winter-spring crop planting. Regarding the quality of rice cultivars, all the cultivars show the indicators generally equivalent quality rice cultivars except for HQ184 and QNg15.

Keywords: Rice cultivar, purebred rice, rice yield, rice seed.