

ASSESSMENT OF NEW RICE VARIETIES FOR RECOMMENDING THEM TO THE LIST USED IN HA TINH

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Summary

The rice varieties selected for testing included 10 varieties of LH12, HP3, LĐ2, HV3, CLC31, DT100, BT09, DT39, LT31, Thao 28/X17 provided by Food and Plant Institute, Centre of Plant Resources – Institute of Agricultural Sciences of Vietnam and Institute of Crop Research and Development of Vietnam Academy of Agriculture (HT1 as rice variety comparison). The test was implemented for two years (2016 and 2017), two crops of winter- spring and summer-autumn each year. To assess the growth ability, pest infestation, yield, rice quality and economic efficiency of the rice varieties. The study selected two varieties: LH12 and HV3 with good stability and adaptability in Ha Tinh, yielding higher than HT1 in the order of 13.69%, 15.53% in winter - spring and 11.83%, 13.39% in summer-autumn crops. The quality of selected rice varieties was better than that of HT1, giving higher economic efficiency than HT1, respectively 26.59%, 26.38%.

Keywords: *Rice variety, stability, adaptability, productivity, quality, economic efficiency.*