

RICE VARIETY VN124

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INTRODUCTION

VN124 was developed by Plant Breeding & Genetics Department, Institute of Agricultural Sciences for Southern Vietnam (IAS) in 2001. The variety was developed by induced mutation and conventional hybridization. VN124 was a hybrid of Qimiaxiang/VND22-26 derived from a mutant of Tam Xoan variety (a fragrant landrace). VN124 was regionally released by the Ministry of Agriculture & Rural Development in 2008

AGRONOMICAL TRAIT FEATURES

The variety has growth duration of 93-100 days, plant height of 90-100 cm,

exhibiting erect flag leaf, light green leaves, intermediate tillering ability, sturdy culm and good plant type. Number of filled grains/panicle gains 80-120 with long slender grain shape. 1,000-grain weight is 26 gr. Grain yield possibly obtains 5-8 t/ha. Milled rice grain is white, transparent. Amylose content is 22% so that cooking properties were accepted as soft rice, light aroma. The variety is tolerant to brown plant hopper, leaf blast, with reaction score of 3-5; and 3, respectively. It is also tolerant to acid sulfate soils



RECOMMENDATIONS

VN124 can be well adapted to two-rice crop system on acid sulphate, alluvial or poor nutrient soils. Recently, the variety has been widely released in Southeastern, High Plateau and Coastal regions of Vietnam.

Shortcoming points of the variety are tall plant and low suffering heavy rains at harvesting. It is recommended as to apply sowing rate of 100-120 kg seed/ha, balanced fertilizer application of NPK (90 N- 60 P₂O₅ -50 K₂O/ha), selecting sowing date how to harvest without (or little) rains; threshing immediately after harvest