

A NEW UPLAND RICE VARIETY, LC408

Dao Minh So, Do Khac Think

Upland rice variety LC408 was selected from line IR65258-13-1-B in IURON, 2004. During 2005-2009, yield trials, and pilot - production trials were continued conducting in Southeast, Central Highlands and Coastal South Central regions in Southern Vietnam. Results of selection and yield trials of upland rice variety LC408 showed that the variety has short duration: 108-118 days in the Southeast, the Coastal South Central regions, and 122-132 days in Central Highlands. LC408 has good plant type, strongly seedling vigor, with 95-115 cm in plant height, sturdy culms, tolerance to drought, good tolerance to leaf blast disease. It is large panicle, average weight 1000 grains of 23-25g, and low tillering ability. Mean grain yield of the variety reached 3-5 t/ha. LC408 has good quality with intermediate amylose (21-23%) and protein content (8,2-8,6%), soft, flexible cooked rice, highly acceptable by consumers.

LC408 is suitably cultivated in rainfed upland where usually affected by drought. The variety has highly suitable in pure upland rice cultivation, rotation intercropped with industrial trees in young plant stage of 1-4 year old period. It is recommended as to apply sowing rate of 140-170 kg seed/ha, balanced fertilizer application of NPK (60-80 N + 60 P₂O₅ + 30 K₂O), and control damage by Rice Stink Bug (*Leptocorisa acuta* Th.unberg) at heading stage.

LC408 was regionally approved by Ministry of Agriculture and Rural Development. Presently, the variety has been cultivated in Central Highlands and Coastal South Central of Vietnam.