FIELD TESTING OF LATE LONGAN AND IMMATURE GREEN MANGO PRODUCTION IN LAO CAI PROVINCE

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Summary

In order to develop new fruit crops increasing fruit production efficiency in Lao Cai, field testing of late longan and immature-eaten mango production have been conducted in Bao Thang district and Lao Cai city since October 2012. The trials were at scale of 1 ha for each kind of crop. Recent results reveal that amongst those in the trials, PHM99-1.1 longan and GL4 mango varieties have obtained more vigorous growth and development, better flowering and fruit setting in the production condition of Lao Cai province. The longan variety of PHM99-1.1 allowed fruit harvest at 15-20 days later than the common varieties; meanwhile, fruit of GL4 mango variety were available for harvest at 10-15 days earlier than the common varieties. Expected yield of PHM99-1.1 in the second year of harvest is 3.8-5.5 kg/tree, half to twice as much as that of the control variety. GL4 variety yielded 8.1 and 9.6 kg/tree in Bao Thang district and Lao Cai city in 2014 and 18.4 and 14.5 kg/tree in 2015, respectively, equal to 123.2 – 265.8% of the yield of the control variety.

Key words: Testing, late ripening longan, immature green mango, Lao Cai.