

# A STUDY ON THE SELECTION OF SUGAR APPLE CULTIVAR Na03 IN NORTHERN PROVINCES

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Summary

For varietal improvement of sugar apple production in the North of Vietnam, some germplasm including introduced ones have been evaluated and screened through basic trial conducted at Fruit and Vegetable Research Institute and production trials in different locations, such as Quang Ninh, Ha Nam and Son La from 2015 to 2019 period. Results showed that of 5 germplasm evaluated, 11Na03 cultivar was considered to be promising one indicated by healthy growth with big sized fruit, yellowish green leaves that obviously different from mainly cultivated cultivar called “na Dai”. The said mentioned cultivar started to bloom in April and being harvested 20 - 25 days latter than “na Dai” one. The other advantages of “11Na03” that should be remarkably focused were big fruit (586.8 - 612.0 gam/a fruit), high yield (25.6 - 28.0 kg/a 4 year old tree), few seed (less than 20 seeds/a fruit), high portion of edible part (75.5 - 79.7%) and high TSS (25.7 - 26.9%). Sugar apple cultivar 11Na03 was submitted the proposal to the Ministry of Agriculture and Rural Development to recognize as a variety for trial production in the Northern provinces with name Sugar apple Na03.

**Keywords:** *Variety trial, introduced sugar apple 11Na03, yield, quality fruit, Son La province.*