RESULTS OF RESEARCH, SELECTION AND TESTING OF PH40 LYCHEE VARIETY

Ngo Hong Binh, Ha Quang Thuong

Summary
Investigation of lychee species was conducted in 22 communes of 8 districts of Phu Tho and Vinh Phuc provinces, collecting 14 individuals of early lychee group. After 3 years of observation, 3 elite individuals as PH25, PH34 and PH40 were selected among the 14 collected individuals. The results showed that the PH40 variety has several good characteristics. PH40 lychee variety was selected to test in some ecological conditions. The results showed that 5 year old plants of PH40 gave good growth, plant height of 2.81 m, canopy diameter of 3.85 m, annually concentrated flowering time from 10 -12 January, harvesting time of 20-24 May (20-30 days earlier than main lychee varieties). PH40 lychee variety gave yield of 17-18 kg/plant (for 5 year old plant), with heart-shaped, red velvet fruit, fruit weight of 50-55 g (bigger than Hung Long fruit). After 5 years of new plantation, PH40 lychee variety gave net return of VND 58.5 million/ha, which is double higher than the control (Hung Long variety).

Key words: Lychee variety, net return, Phu Tho, PH40, selection, Vinh Phuc.