SELECTION RESULT OF FIRST-GERNERATION AVOCADO TREES IN SON LA
Le Tat Khuong, Pham Van Quan, Nguyen Tien Duy

Summary
Avocado trees have a tendency to develop strongly in some localities, Son La among them, thanks to its high nutritional and economic values. The planted area of avocado trees in Son La has been increasing rapidly in recent years by the method of propagation from seed which is possible to affect the quality of avocado seriously. For that reason, Institute of Regional Research and Development have executed the program to select the high-quality avocado trees with the best growth potential and high productivity for first-generation trees to serve the propagation of the province and area. After 3 years of implementation of the research program, Institute of Regional Research and Development have selected 10 avocado trees of good quality in Moc Chau district, Son La province, at the ages of 10-44 years, with the harvesting time from 15/8 to 15/9 (10-15 days later than the harvesting time of Dak Lak avocado in the main crop), achieving high yield of 205.03 to 481.1 kg/tree, its edible portion (pulp) 64.5 – 68.8%; cream yellow pulp, with the protein content 3.51 – 5.84%, lipid content 15.47 – 19.6% which have been recognized as the first-generation trees in 2015. These are the best materials for the propagation and supplying the seedlings at the best quality, contributing to the sustainable development of avocado trees towards commercialization in Son La province and surroundings.

Keywords: First-generation Avocado, seedling, Son La.