

Abstract

In the fiscal year 2559 series Integrated Research Project on Improving the Production of Arabica Coffee in Highland Areas. Research has worked under four sub-projects, including the first sub-project collected and selected varieties of Arabica coffee quality of Royal Project. Samples were collected varieties of Arabica coffee quality suitable for the growth and yield of 5 Royal Project. Can be collected a total of 14 samples, which will be extended to farmers breeding station inthanon Royal (Mae Ya Noi). In the second sub-project studies ways to increase the yield of Arabica coffee under the shade of forest. The study was tested about the coffee grown under forest system in the two areas is the Teen Tok Royal Project and Pa Miang Royal Project. Increase productivity by using a test of knowledge Royal Project and knowledge gained from testing nutrient tested from sub-project three. Which were now farmers had pruning coffee. Later in sub-project three studies about nutrient management to enhance productivity and quality Arabica coffee. The study tested the nutrients in coffee found that a new nutrient management in the coffee can increase the productivity and quality of Arabica coffee, compared with traditional farmer's nutrient management. And in the four sub-projects to improve productivity and quality Arabica coffee Royal Project. The study was found in Royal Project and HRDI planting area of 10 centers are maintained to the coffee vary, 70 percent are managing the following Royal Project. The local official's advice and more than 80 percent want the authorities to provide knowledge and advice the quality coffee production.

Keywords: Arabica coffee, System under the shade