

Constraint and Supporting Factors of the Development of Organic Arabica Coffee Growing in Central Aceh, Indonesia

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SUMMARY

The demand of organic arabica coffee of Central Aceh (PD Genap Mupakat) increased dramatically in the last three years. To meet the increasing demand, a survey focused on the growing technique of arabica coffee had been conducted in 1994. The aim of the survey is to know the constraint and supporting factors in enlarging the acreage of organic arabica coffee and the improvements needed.

There were 218 samples of coffee farmers taken from 6 subdistricts which were not included in the organic coffee program yet. Three villages from each subdistricts and 11-15 farmers from each villages were taken by random sampling method. The questionnaire and the evaluation method were based on the standard of organic coffee developed by Indonesian Coffee and Cocoa Research Institute and requirements of Skal, The Netherlands.

The results showed that 44.3% of the arabica coffee field in 6 subdistricts of Central Aceh could be included in the organic arabica coffee program directly, and the rest (3.1%, 6.8%, 45.8%) needs 1, 2, and 3 years to be fully organic respectively. The recent constraints and the improvements needed of the area to meet fully organic with good management are in case of manuring, pest and disease control, weed control, intercropping, organic material application, coffee pruning, shade tree, and erosion control. The improvement can be done by training of the farmer and effective extension service.