

DEVELOPMENT OF AGROFORESTRY – SOLUTION FOR IMPROVING AGRICULTURAL AND FORESTRY PRODUCTION EFFICIENCY IN THE CONDITION OF NATURAL RESOURCES DEGRADATION IN TAY NGUYEN

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Summary

This research evaluated the current status of the natural resources degradation and the challenges of agricultural and forestry production, from that found out solutions to improve the effect of agricultural and forestry production in Tay Nguyen and helped to support the new rural construction. The research methodologies involved: collecting the secondary data, primary data; processing data by Excel and ANOVA analysis; analyzing and evaluating the current status of the natural resources degradation, the challenges in agricultural and forestry production, the roles of agroforestry system and the suitability to Tay Nguyen nowadays. The research results showed that, the natural resources degradation in Tay Nguyen recently has gotten more and more seriously and has significantly affected on the agricultural and forestry production, including: land degradation, water degradation and biodiversity degradation. Besides, the monoculture and the agricultural production in forest areas have been making the production system in Tay Nguyen has to face several challenges, especially in the condition of the natural resources degradation nowadays. Recent years, households in Tay Nguyen are getting positive changes in the structure of income sources, however, these changes are still not evident, so it is necessary to restructure the agricultural and forestry production system. For improving the production efficiency, at the same time maintaining and protecting natural resources, the solution of promoting agroforestry development was given. Through out surveying and analyzing the effects of some agroforestry models, the research identified the advantages of these models in improving incomes, increasing production efficiency, reducing risks for people, and improving ecological environment. From that, the research proposed some solutions to promote agroforestry development including: capacity building for people; approaching to loans; agricultural insurance; and controlling input markets.

Keywords: *Agroforestry, agricultural and forestry production, natural resources degradation, Tay Nguyen, new rural construction.*