

**OPTIMIZATION OF MELON AND CHILLI FARMING IN SAND LAND OF  
KARANGSEWU VILLAGE, SUB-DISTRICT GALUR  
DISTRICT KULON PROGO**

**Nur Chamzah**

**Dr. Aris Slamet Widodo, M. Sc / Dr. Ir. Sriyadi. MP**

**Program Studi Agribisnis Fakultas Pertanian**

**ABSTRACT**

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*In realizing the effort to overcome the limitations of agricultural land farmer group of Wahana Tani cultivate sand land as agricultural land. Owned sand land, used for melon and chilli farming. This is thesis aims to know farming patterns that farmers, know the cost, revenue, income melon and chilli farming, and know the optimization of profits from farmer group of Wahana Tani. The location of research is determined intentionally or purposive that is in karangsewu village, sub-district galur, district kulon progo. In order to see whether the farming is by census. Data were collected through questionnaire interviews, which were then analyzed descriptively, cost analysis, and optimization analysis using LINDO application. In general research farming pattern it just are melon and chilli in sand land, from analysis LINDO result of farmer optimum profit can get from used all land to cultivation melon. So farmers need to reconsider the use of available resources more optimally.*

**Keyword :** *optimization , sand land , melon and chili farm , LINDO.*