

## **ABSTRACT**

*EKO SUSANTO. Analysis of Production Enhancement Program Soybean (Glycine max (L.) Merrill) and Farmers Income in Purworejo advise bySITI HAMIDAH and SRI WURYANI.*

*Purworejo district is the center of soybean and Soybean Production Enhancement Program implementers in Central Java Province. Objective of this study were to (1) analyze the achievements of the implementation of the program through the realization of the planting area , the productivity and the level of technology application soybean production in central areas and regional development of acreage planted in Purworejo , (2) analyze the increase in productivity of soybean program GPPTT and PAT in Purworejo , (3) analyze soybean increased income and PAT GPPTT program in Purworejo and (4) identify the obstacles in the implementation of the program to improve soybean production in Purworejo. The research method used was survey with data collection through interviews, observation and recording . The research location determined by purposive and sample selecting by sensus methods with 77 farmers as sample that compreses of 30 farmers implementing GPPTT, non-implementing GPPTT 30 farmers and 17 farmers implementing PAT. Methods of data analysis used ANOVA test followed LSD method and the t test. The results showed that (1) Production Program Achievement in the realization of planting GPPTT lower than the PAT while productivity and cultivation technology GPPTT higher than PAT, (2) GPPTT activities was increase soybean productivity while PAT program was increased 42,81%, (3)GPPTT activities increase farmers' income up to Rp . 2.558.823 , - / hectare,while the PAT activity has not reached the desired income and ( 4 ) low productivity and low use of fertilizers on the activities of PAT is the resistance of the soybean production enhancement program*

*Key words : Production enhancement program,  
productivity,implementation of agriculture,income.*