

## ABSTRACT

***Rice Farmer Response towards the Implementation of Post-harvest Technology (power thresher) of Gapoktan Ambarketawang Jaya in Ambarketawang Village, Gamping District, DIY Province.*** This research aimed to know the response of rice farmer towards the implementation of post-harvest technology (power thresher), and also to know the relation between factors that affect the response and farmer response in the implementation of post-harvest technology in Ambarketawang village, Sleman. The respondent was chose by simple random sampling. The data are gathered using the method of interview using questionnaires and from related agencies such as sub-district offices and related offices. The response of rice farmer towards the implementation of post-harvest technology (power thresher) can be seen from cognitive response (education), affective response (attitude), and conative response (action). The cognitive response showed the score of 22,03 which categorized in high, the affective response showed the of 11.00 which also categorized in high, and the conative response showed the score of 6,89 which categorized in low. For the relations between factors that affect the response and farmer response in the implementation perseption of post-harvest technology (power thresher), there is a significant relationship between education, income, land area and positive perceptions with response and no significant relationship between age and negative perception with response.

*Key words : Response, Rice Farmer, Power Thresher*