

Title	Farmers' Participation in Ban Tum Service and Agricultural Technology Transfer Center's Activities, Phayao Province, Thailand
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### ABSTRACT

This research was aimed to find out the farmers' level of participation and factors related to their participation in Ban Tum Service and Agricultural Technology Transfer Center's activities.

The data were collected by means of questionnaires from a sample of 125 farmers and analyzed by the SPSS (Statistical Package for the Social Science).

It was found that all four aspects of participation i.e. identifying problems, decision making, activity implementation and Follow – up and evaluation were at a moderate level (average score being = 2.96). The average score of participation in identifying problems was 3.11; decision making, 2.85; activity implementation, 2.99; and follow - up and evaluation, 2.88.

The application of Pearson's Correlation Coefficient showed that knowledge and understanding of the center and expected benefits were significantly correlated with the four participation aspects. The knowledge and understanding of the center was positively correlated with participation in identifying problems ( $r = 0.30$ ), decision making ( $r = 0.37$ ), implementation of activities ( $r = 0.33$ ), and follow – up and evaluation ( $r = 0.35$ ). The expected benefits were positively correlated with participation in identifying problems ( $r = 0.44$ ), decision making ( $r = 0.28$ ), implementation of activities ( $r = 0.36$ ), and follow – up and evaluation ( $r = 0.30$ ).