



## RESEARCH PAPER

# A scale to measure the knowledge of marginal farmers on organic farming

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**Abstract :** The present study was aimed to construct, develop and standardize a knowledge scale on organic farming for marginal farmers. After going through several related literature, the researcher outlined a scale and after analyzing, the content framed 57 items related to the course. The prepared 57 items were revised and edited carefully and then given to a total 20 numbers of panel of experts in the field of agriculture namely entomology, horticulture, agronomy, soil science and scientists of RARS Titabor for their valuable suggestions and corrections to ensure its quality. Thus, the content validity of the tool was established. After seeking the opinion of the experts, some of the items were reframed. Finally, 44 items were considered to form initial test battery for developing a standardized knowledge test. These items were subjected to item analysis. After which, a total of 18 items were remained for the final study. The initial test prepared was pre-tested with 30 respondents from two villages. The items were revised and finally administered to 90 marginal farmers selected randomly from six non-sampled villages of Jorhat Development Block selected for the study to collect data for item analysis.

**Key Words :** Knowledge, Organic farming, Marginal farmer, Scale

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