

## **Construction of a test to measure farmers' knowledge on ANGRAU recommended organic rice cultivation practices**

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### **ABSTRACT**

In the absence of a standardized instrument to assess farmers' knowledge on organic rice cultivation practices, a knowledge test was systematically developed. Test items were initially compiled from credible and authoritative sources, including "Vyavasaya Panchangam" and "Organic cultivation practices in different crops" published by Acharya N.G. Ranga Agricultural University (ANGRAU). The preliminary pool consisted of 90 items, which were subjected to expert validation and statistical methods including difficulty index, discrimination index and Point-biserial correlation were employed to evaluate item quality. Based on these criteria, 31 items demonstrating acceptable levels of validity and reliability were retained for the final test. During administration, respondents received one point for each correct response, with no penalty for incorrect answers

**Keywords:** *Knowledge test, Organic rice cultivation and Point-biserial correlation*