World Academy of Science, Engineering and Technology International Journal of Mathematical and Computational Sciences Vol:14, No:12, 2020

A Comparative Study of Modern Trends in Traditional Farming Methods of Paddy Cultivation

Authors: Prasansha Kumari

Abstract : This research intends to identify and analyze the new trends of usage the traditional farming methods to modern paddy cultivation. Information gathered through conducting interviews with total of 200 farmers in selected paddy cultivation areas in Kurunegalla district. As well as this research utilized by case study and observation in Ulpotha Traditional Village, Galgamuwa of Sri Lanka. Secondary data collected from books, articles, relevant websites and other relevant documents. Collected data analyzed by descriptive research methodology. Outcomes are there is growing interest in usage the traditional farming methods to the small consumption level paddy lands that have emerged during the last few decades as well as the research revealed that traditional farming method has identified the ecofriendly farming practices to restrict long term side effects inherited from the modern methods. The study finds out the demand of traditional rice varieties has been growing among the community as health and nutrition purpose.

Keywords: traditional farming, organic, inorganic, paddy cultivation

Conference Title: ICSRD 2020: International Conference on Scientific Research and Development

Conference Location : Chicago, United States **Conference Dates :** December 12-13, 2020