

# Technology assessment on alternative natural sweetener used for cookies through on farm trial (2019-2020)

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■ **ABSTRACT** : A study was conducted during 2019-2020 in ICAR-KVK, Vamban, Pudukkottai district, Tamil Nadu Agricultural University, Coimbatore. The people are facing various health problems for high consumption of white sugar viz., obesity, diabetes, dementia, cardiovascular disease, macular degeneration, alzheimer's disease, increased blood glucose level, kidney ailments, gout, heart problems, hyperactivity, cancer and cavities. Children who eat sweets containing sugar also suffer from health issues. Hence, we have developed cookies with natural sugars and sensory evaluated for the period of 30 days stored in poly ethylene pack at room temperature. The cookies were nutritious and convenient snack for all age groups. The present study was undertaken to develop different cookies with addition of palm sugar, jaggery, white sugar and to evaluate the sensory acceptability, shelf life and benefit cost ratio of cookies through on farm trial for entrepreneurship development programme.

■ **KEY WORDS**: OFT, Alternate sugar, Cookies, Sensory evaluation, BC ratio

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