

Poster

**CULTIVATION OF OTHER FIELD CROPS UNDER RAINFED IN
MONARAGALA AND HAMBANTHOTA DISTRICTS OF SRI LANKA:
STATUS, CONSTRAINTS AND CLIMATE CHANGE MITIGATION**

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ABSTRACT

A survey was conducted in four agriculture instructor regions of Monaragala and Hambantota districts of Sri Lanka to evaluate the present status of rainfed agriculture system in the area, paying special attention on cultivation of other field crops. Primary data such as socio-economic status, farming experience, attitudes on agriculture, cultivating crops and extents, awareness on climate change and adoption of control measures to combat water stress were investigated. Results revealed that the most of the respondents were in the age groups of above 40 years and involve in agriculture for more than 10 years. About 52 % of respondents were satisfied with current agriculture while 78% like to use new technology. Due to low productivity and high risk, about 43% of farmers were not satisfied with current agriculture system which they are involved. Ground nut and cowpea were the two mostly cultivated other field crops (OFC) in the area. When considering the attitudes on OFC cultivation, 28 % of the farmers do not like to expand their OFC cultivation while 26 % like to grow more. However, 45 % of farmers are planning to shift to new commercial crops such as banana. Even though more than half of the farming community were aware of climate change, 60% are still fully depending on rainfed system while 40% cultivate with supplementary irrigation.