

Report on significant event conducted – JULY 2019

PRE KHARIF CAMPAIGN

PreKhaif campaign was planned for Sirumathur Kudigadu village (DFI) on Perambalur district on association with Reliance Foundation activities such as Cropping pattern, Soil Health campaign, Animal Health Camp, Awareness programme on Fall Army Worm in Maize, KVK Exhibition and database collection of Sirumathur village was also conducted. A total of 185 farmers benefited out of this programme. As per the plan activities are listed below.

A Lecture on soil sampling, seed treatment, high yielding varieties, pre-emergent weedicide for weed management and crop production technologies. To educate on frontline technologies of Kharif crops for higher productivity for increasing the income of the farmers. Contour cultivation with conservation furrows across the slope provides significant improvement in crop yield by 26% of maize and cotton. Timely planting and harvesting of kharif crop that further promotes higher productivity of cropping systems. Seed treatment of maize with *Azospirillum* and *Phosphoacteria* could save 20 to 30 kg N/ha under both rainfed condition. Maintenance of optimum plant population by thinning in maize and cotton Soil application of Phosphorus Solubilizing Bacteria (PSB) can mobilize fixed Phosphorus in soil and reduce Phosphorus application. Adoption of disease resistant varieties, crop rotation, clean cultivation, use of bio-control measures for reduction in use of pesticides particularly in case of maize and cotton which have large demand for export.

In the campaign farmers were given awareness on cultivation of Castor an oilseed crop for Kharif season its inclusion on the cropping system could help achieve more returns. Then crop cultivated at present in our district. Castor Improved Production Technologies were delivered. to farmers for improving the economic status of farmers of Perambalur district.

The incidence of the invasive exotic pest Fall armyworm *Spodoptera frugipertha* which originated in the US and spread to other countries. Since the worm is a weather dependent pest it cause severe outbreak of the pest during 2018 in many maize growing villages of Perambalur district. To create awareness among farmers and to manage this pest in the current season is very important. Keeping this in view an awareness programme was organized in collaboration with reliance foundation in the Pre kharif campaign which was held in one of the DFI village (Sirumathur Kudikadu). Farmers 185 members were participated in that programme. Lecture delivered was given on Integrated Pest management approaches and Phamplet and leaflets was released on FAW management and distributed to all the farmers. An exhibition was also arranged on this progamme and different IPM kits were displayed in that exhibition.

Awareness on Animal Health and rearing were put forth to the people of village which had a massive cooperation among the livestock owners that created an awareness on importance of livestock and poultry rearing across the village. There were a huge response for treatment, Pregnancy diagnosis, Artificial Insemination and also claimed lots of questions on livestock and poultry rearing in that village. Hans Roever Krishi Vigyan Kendra (ICAR KVK) Perambalur and State Animal Husbandry department jointly conducted the programme in the forenoon which covered about 150 cattle, 50 goats and around 200 poultry birds that has been treated and given other advices to the farmers and livestock owners in this camp and also displayed various feed stuffs and equipments related to livestock as an exhibit in the program.

A lecture on Nutrition security through minor millet based value addition and use of palm sugar alternative to sugar based bakery products. she also emphasized nutritional and health benefits of minor millets and its utilization in daily diet.

A special talk Jal Sakthi Abhiyan programme under the subtitle include water conservation practices, water management option, drought management, micro irrigation were covered through the programme.



Demo on soil sample collection



Awareness on FAW management



Pamphlet release



Animal Health Camp