

## **Annexure - 1**

### **Action taken report on the proceedings of the 84<sup>th</sup> Scientific Workers Conference 2019 held at TNAU on 19.08.2019**

#### **Action Points**

TNAU to have model fields at KVKs and TNAU research stations (minimum one acre) in the respective district for a particular variety. The extension functionaries and farmers should visit the fields and assess its performance.

#### **Action taken report**

- The 14 ICAR–KVKs of TNAU in Tamil Nadu have model fields, crop cafeteria (in limited area) to showcase the key technologies, new varieties for the visiting farmers and public.
- The farmers visiting KVK for trainings and exposure visits are being benefitted by these model fields.
- At present (2019-20), KVKs have established model fields in smaller area (<1 acre) for the latest / newly released varieties namely Rice (Co 51, TPS 5, TKM 13, ADT 53), Maize CO H M 8, Banyard Millet (MDU 1), Blackgram (VBN 8 (CS I)), Greengram(CO 8 (CS I)), Redgram CO 8, Horsegram (Paiyur 2 & CRIDA 18 R), Sunflower CO(SFH) 3, Gingelly VRI 3, Moringa (PKM 1), Fodder crop (CO(BN)4 , CO(BN)5), etc. The KVKs wise model field/demo units are presented in the Annexure.
- Further, the KVKs of TNAU are instructed to have one acre model fields to demonstrate new varieties / technologies at the KVK premises.
- The KVKs are also instructed to invite extension functionaries in their respective districts periodically to visit the model field/demo units at KVKs.

### Details of Model fields & Demo Units establishment at ICAR–TNAU KVKs during 2019-20

S. No.	Name of the KVK / district	Details of Model Fields / Crop Cafeteria	Details of Demo Units established
1.	Aruppukkottai, Virudhunagar	Blackgram VBN 8 (CS I), Greengram CO8 (CS I)	Micro Irrigation, Integrated Farming System model for dryland
2.	Madurai, Madurai	Kudiraivali MDU 1, Blackgram VBN 8	Mist chamber, Shade Net Nursery, Vermicompost, Minimal Processing Unit, Mushroom unit, Guava Mother stock, Mango Mother stock, Amla (Honey bee park), Nutrigarden, Sunnhemp, Drip, Sprinkler, Raingun
3.	Needamangalam, Tiruvarur	Fodder bank (COFS-31, COFS-29, Super Napier CO-4, Fodder Cowpea CO-9, Velimasal & Agathi)	Shade net cultivation of flower crops with drip irrigation, Direct Sowing of Rice (DSR) by drum seeder
4.	Papparapatty, Dharmapuri	Turmeric (BSR 2, Allepey Supreme PTS 10, CO2, Roma), Redgram CO 8, Maize CO H M 8 , Sunflower CO (SFH) 3, Gingelley VRI 3, Little millet ATL 1, Green gram CO(gg) 8, Black gram VBN 8, Horse gram (Paiyur 2, CRIDA 18 R), Groundnut (TMV 14, TMV 7, K 6, Dharani), Cluster bean MDU 1, Castor YRCH 1, Cowpea VBN 8, Cumbu Napier COBN5, Guava (Allahabad safeda), Pomegranate (Bahuva)	Precision farming in Brinjal & Moringa

5.	Ramnad, Ramnad	Rice CO 51, Barnyard millet MDU 1, Black gram VBN 8, Cluster bean MDU1, Bhendi COBH 1, Sapota PKM1	Shade net nursery, Azolla production unit, Vermicompost unit, Model poultry unit –Shelter for backyard poultry, Mushroom production unit, Millet processing unit, Micro irrigation model unit
6.	Sandhiyur, Salem		Deep litter system of Poultry rearing Cattle cow shed, Slatter system of goat and sheep rearing, Azolla production, Vermi Composting, Different fodders production, Mushroom production, Agro forestry, Medicinal garden, Nutrition garden, Roof garden, Nursery seedling production, Seed processing unit, Millet processing, Food processing, Solar drier, Farm machineries, Apiary, Bio agents production, Paddy Seed Production Unit, Hi-density Mango Orchard, Fodder Bank, Agro Forestry Model, Tamarind PKM 1 Orchard, Amla Orchard, Sapto Mother Tree Orchard, Guava Nursery Unit, Minor Fruit Orchard, Bamboo Unit, Farm Pond, Lemon PKM 1 Nursery Unit
7.	Sirugamani, Trichy	Sunhemp CO 1, Horse gram Paiyur 2, Fodder Cowpea CO 8	Fodder unit, Mixed fodder demo unit, Crop cafeteria demo unit, Guava & Citurs High Density Planting, Grafted brinjal, Banana collection bank, Dry land orchard, SSI Sugarcane demo unit, Nutrition garden demo unit
8.	Tirur, Tiruvallur	Paddy ADT 53	Millet Cafeteria, Nutritional Garden
9.	Tindivanam, Villupuram	Blackgram VBN 8	New seed drill sowing (Groundnut sown in raised with laser irrigation)
10.	Pongalur,	Sunhemp	Vermi compost unit, Water filtration and ventury unit, Oil

	Tiruppur		palm, Palmyra
11.	Thirupathisaram, Kanyakumari	Rice TPS 5, Fodder bank (Cumbu Napier CO(BN)4 and CO(BN)5, Guinea grass COGG3)	Mango and Sapota Mother stock
12.	Vamban, Pudukkottai	Blackgram (VBN 8)	
13.	Virinjipuram, Vellore	Mulberry plot with four different varieties/strains, Annual moringa(PKM-1), Gauva orchard with five different varieties, New varieties plot (Redrgram, Fodder cowpea, Cotton)	Micro Irrigation unit (Drip & Sprinkler units), Azolla unit, Slatted Floor goat, Mecheri Sheep, Poultry unit with different desi breeds, Egg hatchery unit, Chicks incubation chamber, Vermicompost unit linked with IFS model for dryland/rainfed ecosystem, Hydroponics unit (Semi automatic type), Agro forestry plot, Raised bed groundnut model plot, Fodder bank plot, Terrace garden, Shadenet nursery
14.	Vriddhachalam, Cuddalore	Groundnut VRI 8, Bhendi CO 4, Bottle gourd PLR 2, Blackgram VBN 8, MDU1, Gingelly VRI 3	IFS Unit, Mango, Cashew & Guava plantations, Fodder bank