



# **Task Force on use of Technology for agriculture insurance**

## **Sub Group 4 – Crop Cutting Experiments**

**25<sup>th</sup> October, 2016, NITI Aayog, New Delhi**

# PMFBY on CCEs

- States to maintain single series of CCEs
- CCE Audit must : Digitizing CCE process – plot co-ordinates, process – hand held devices' 50 % expenses by Gol
- CCEs by Outsourced Agency – registered professional
- TAC – IASRI, SRSC, NSSO, CSO, DAC & AIC may review sample size & other technical issues.
- RST / Satellite image derived products having strong correlation with CCE results may be used – States & Ins Cos.

# Recommendations of the Sub Group

## A. Actionable from current Kharif / coming Rabi season

- (i) Use of mobile technology by all the States
- (ii) Provide tablets to field workers for e-booking or outsource it to G.Ps or women SHGs or professional agencies
- (iii) Computerise land records and prepare digitised cadastral maps for uptake of RST.
- (iv) 50% cost of ICT hardware and training expenses to be borne by Gol
- (v) States to make budgetary provision for above expenses.
- (vi) Co witnessing CCE process and Data recording should be fully digitized, end to end.**

## Recommendations contd....

(vii) Integrate CCE data with banks and insurance company to ensure seamless claim settlement

(viii) Outsourced agency to possess required skill and experience and should follow the prescribed procedure.

### **B. Medium & long term)**

(i) To eventually move away from CCEs - a research project on time bound AICRP pattern should be taken up by a central agency in collaboration with IASRI, NSSO and States for use of RST and other technologies. ( Maharashtra example). Simultaneously, all States should take up pilot studies.

(ii) Thrust on capacity building in RST/ICT - State Agriculture Departments should coordinate with NRSC, Space Application Centers etc. Transfer of technology to States.

## Recommendations contd....

- (iii) Innovative systems like Yield Monitoring System (YMS) may be taken up for large scale evaluation and demonstration ( CIAE's work on monitors mounted on harvesters)
- (iv) Studies may be initiated for application of small area estimation approach in crop yield estimation at lower level.
- (v) Central depository of yield data with equal access to all stakeholders – to facilitate more scientific risk assessment, present loss estimation, etc.

# Grateful thanks to the participants

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