



Task Force on use of Technology for agriculture insurance

Sub Group 4 – Crop Cutting Experiments

25th 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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