

## **STRENGTHENING OF SEED CERTIFICATION ACTIVITIES WITH FINANCIAL ASSISTANCE UNDER RKVY DURING-2015-16**

Karnataka State Seed certification Agency (KSSCA) is an autonomous Body established in the year 1974, under the provision of section-08 of the seed Act 1966 with objective of providing quality Certified Seeds to the farmers in-time for sowing, through various control measures in the field as well as in the laboratory. Thus increasing the production and productivity.

Movement of harvested produce from field to seed processing unit without knowing the optimum seed moisture content required for processing and thus delaying in further seed certification activities and adding transportation cost to the farmer.

Taking this in to account, purchase of non-destructive moisture meter will help farmers and officials involved in seed production and Seed Certification for instant measuring of seed moisture content of the produce harvested.

### **1) TITLE :**

- Strengthening of Seed certification activities with purchase of non-destructive type moisture meter for instant checking of seed moisture.

### **2) CATEGORY :**

- Seeds.

### **3) CHALLENGE :**

- To ensure the optimum seed moisture of harvested produce/stock and to facilitate further seed processing and certification activities and make available quality seeds of farming community in-time for sowing.

**4) INITIATIVE :**

- KSSOCA is a Govt. Sector in state in regulating the supply of quality certified seeds to the farming community.

**5) KEY RESULT/INSIGHT/INTERESTING FACT :**

- This project is important because Seed moisture content is the most vital parameter which influences the seed quality and storage life of the seed. Seed moisture content is closely associated with several aspects of physiological seed quality. For example it is related to seed maturity, optimum harvest time mechanical damage economics of artificial drying, seed longevity and insect & pathogen infestation.

**6) IMPACT :**

- Farmers will be in a position to know the moisture content of the harvested produce instantly.
- Helps the farmers to take decision for further drying of the seed produce and movement of seed produce to seed processing unit for processing and further certification activities.

**7) LESSONS LEARNED :**

- Purchase of Non-Destructive type of moisture meter will be helpful for instant checking of seed moisture especially in crops like Paddy, Ragi, Redgram, Greengram, Blackgram, Soyabean & Groundnut, etc., thus reducing mechanical damage and increasing the storage life of seed.

## 8) SUPPORTING QUOTES AND IMAGES.



### MOISTURE TESTING OF PADDY and BENGALGRAM SEEDS.

#### 9) ADDITIONAL INFORMATION :

- Now the moisture meter is purchased for only 6 Divisions of KSSOCA, Government should provide more financial assistance for purchase of Non-destructive moisture meter for all centres spread over the entire State.
- RKVY and Government supported the financial assistance for purchase and M/s. OSAW Industrial Products Pvt. Ltd. have supplied the moisture meters.
- Photographs are uploaded in the Bhuvan app of the Government of India.
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