

## SUCCESS STORY

### *Name of KVK: Mandla (M.P.)*

**Introduction:-** The project of Tribal Sub Plan Scheme on – **Enhancing Production for Food Nutritional security and Livelihood of Tribal Community**” under pulses provided by Indian institute of Pulse Research, Kanpur (U.P.). The primary reports of survey indicated that increasing in agricultural production is the key to all over economic growth. Seed constitutes the main propegule for plant growth and at the same time, one of the main vehicles for the dissemination of plant pests, disease. The farmers can increase approximately 20 % production while he uses good high quality seed. The project was launched so as to create awareness about increase pulses seed, production of quality seed for continues availability in years. The KVK Mandla look up this exploratory programme with Gram variety JAKI 9218, to a group of 37 Tribal farmers, 1 acre each hence total area 14.8 ha. near 16 kms distance from KVK H.Q. under the village Baja & Boriya under the block of Mandla, District Mandla (M.P.). Village getting orientation and regular trainings about production procedure. They started improvement programme. KVK organized Kisan Mela at maturity of Gram crop on dated 16/03/2012 at village Boriya. Earliest there was no facility about the storage of produce. Farmers were not using of sprayers for management of insect pest and use only the local bins i.e. made up of soil & rice/wheat straw etc this is traditional pattern of storage.

When the programme Tribal Sub Plan scheme was introduced in this village & IIPR, Kanpur (U.P.) provided storage bins during 2011-12 total 60 bins to KVK Mandla. KVK Mandla distributed these bins on dated 24.05.2012 to the beneficiaries. Farmers were stored their material in Gram Beej Kosh for next season.

**Intervention:-** Demonstration on Gram and use of community Inputs (Storage bin and Knapsack sprayer).

**Output:-** Improvement of Seed material and Productivity enhancement. Average maximum yield (2000 kg/ha) was recorded under the variety of of Jaki 9218 which was significantly superior to farmers practice (1000 kg/ha.). The percentage changes of yield in the variety of Gram Jaki 9218 were recorded 32.28%.. The Average maximum yield (1770 kg/ha) was recorded. The average Net return of Gram variety JAKI 9218 was found Rs 40600.00. under the demonstration as which was significantly superior to Farmers practice (Rs. 22000.00 /ha.).

**Outcome:** Farmers realized that the Improved Variety of Gram Jaki 9218 recommended dose of Fertilizers, Micronutrients, culture and chemical for Pulse demonstration, achieved higher yield of Pulse crop as compare local technology in Tribal areas. This technology is First time implemented in Our Tribal areas. Awareness in the Farming community of the adjoining villages about pulses crop and seed production

**Impact:** Horizontal spread in adjoining villages with Improved Productivity and quality of seed a in Pulses Crop by the using of storage bins and Knapsack Sprayer .