

Sustainable farming through seed production of Groundnut variety GPBD-5

Year : 2015-16

Title of the Success Story : Sustainable farming through seed production of Groundnut variety GPBD-5

Farmer Name : Sri. Suresh Nalavadi ,Masur Village, Tq: Hirekerur, Dist . Haveri

Details of Success Story

- 1. Background** : There was reduction in productivity and quality seeds in groundnut due to cultivation of old local varieties like TMV-2 and also these varieties were susceptible to major diseases like leaf spots & rust. In order to combat this problem KVK demonstrated trials with new varieties of groundnut which are moderately resistant to major diseases and high yielding .
- 2. Intervention Process** : The Groundnut variety GPBD-4 has become successful in Haveri during Kharif of previous years. It has spread to more than 5000 ha in the District. The new variety GPBD-5 (with bold seeds and more yield than GPBD-4), is a promising variety of groundnut for Haveri district. Hence KVK has conducted demonstrations trials in farmers field to create awareness about new promising varieties which enhances production and productivity.
- 3. Intervention Technology** : Processed seeds obtained from oil seed division, UAS, Dharwad has been provided to the farmer. The KVK scientists (including breeder) visited to the field for supervision and removed off types.
- Technology provided as follows:
 - a) New variety GPBD-5 (as seed component only)
 - b) ICM (advices only)
 - c) Fertilizer application as per soil test, IPM and IDM (advices only)
- 4. Impact Horizontal Spread** : Horizontal spread of the variety GPBD-5 has covered more than 1000 ha during recent years in Haveri district. The farmers of neighbouring villages, talukas convinced about the reliability of new variety over local with respect to quality seeds and production level.
- 5. Impact Economic Gains** : Farmers gained economic benefited of Rs.5000/- per ha as an additional income . So, a total of Rs. 5,00,000/- may be expected as income by adopting this new variety.
- 6. Impact on Employment Generation** : For harvesting, processing and value added products the employment be anticipated.