

Enhancement of Onion production by management of major disease–Purple blotch using precise fungicide

- Year** : 2015-16
- Title of the Success Story** : Enhancement of Onion production by management of major disease – Purple blotch using precise fungicide
- Farmer Name** : Sri. Shivakumar Shidaganal, Kakol Village, Tq: Ranebennur, Dist . Haveri

Details of Success Story

- 1. Background** : Sri. Shivakumar Shidaganal was facing drastic reduction in onion yield due to the incidence of purple blotch disease which is major disease in onion. In order to manage the disease he applied irrelevant type of pesticides which caused heavy loss in yield with unnecessary expenditure on pesticides.
- 2. Intervention Process** : In order to manage Purple blotch disease in onion, KVK demonstrated trials for the effective management of Purple blotch disease in onion with timely application of suitable fungicides in farmer's fields of different parts of Haveri district
- 3. Intervention Technology** : The farmer was keen on the management of major disease in onion and to get higher yield. In that view KVK demonstrated trials using timely application of suitable fungicide Difenconazole @ 1 ml/L (2-3 sprays after the incidence of disease) which controlled the purple blotch disease effectively in turn increased the yield upto 35% .

4. Impact Horizontal Spread : The demonstration conducted in farmers field was convinced by neighboring farmers also and they too followed the similar technical intervention in their fields and opined that the timely application of precise pesticides controls the purple blotch disease effectively and increased the yield .

5. Impact Economic Gains : By adopting the technology farmer received the higher yield of onion 250 q/ha and there was increase of 35 % yield over check. This is due to timely management of purple blotch disease with precise fungicide.

6. Impact on Employment Generation : -