

SUCCESS STORY-1

1. **Name of the technology** : Introduction of bacterial wilt resistant tomato variety **Utkal Kumari**.
2. **Name and address of farmer** : Sri Jagabandhu Pangi, At-Pedawada, Block-Malkangiri, Dist- Malkangiri.
3. **Initial Status** :

In Rabi season tomato is a leading vegetable crop in Malkangiri district covering an area of 1701 ha and productivity of 133.5 qtl/ha.

Pedawada is one of the adopted village of Krishi Vigyan Kendra, Malkangiri located in Sadar Malkangiri block of Malkangiri district. The total no. of farm families of this village are 87 dominated by schedule tribes. Agriculture is the primary means of their livelihood. Major cultivated vegetable crops in this village are tomato, Chilli, cowpea etc.. Low yield of tomato was one of the identified problem due to heavy incidence of wilting surfaced out during PRA survey conducted to assess the intervention for action plan.

Sri Jagabandhu Pangi, aged 30 years, usually cultivates tomato in Rabi season. But he was not satisfied in tomato cultivation due to heavy mortality of plants due to wilting. He was in search of some alternative measures for management of such problem.

KVK – Intervention:

Taking this in to account KVK, Malkangiri conducted a Front Line Demonstration on introduction of bacterial wilt resistant tomato variety, Utkal Kumari in the adopted village. Sri Jagabandhu Pangi an innovative farmer of the village Pedawada came forward to cultivate this bacterial wilt resistant variety Utkal Kumari in his own field with full technical support from KVK, Malkangiri.

Innovative Extension Approach:

A front line demonstration on introduction of bacterial wilt resistant tomato variety Utkal Kumari was conducted with full technical support to farmers. Besides training, farmers' group meeting and regular field visit were made in this aspect by KVK Malkangiri.

Details of Technology:

Seed : Bacterial wilt resistant tomato variety Utkal Kumari .

Management : Recommended package of practices.

Adoption of technology and it's impact on farmer :

Sri Jagabandhu Pangi of the village Pedawada an innovative farmer who follow this technology and cultivated tomato in his own field in Rabi 2008-09. He got a yield of 241.4 Qtl/ha from demonstrated plot as compared to 168.5 qtl/ha in local check with an additional yield of 72.9 qtl/ha. He earned a profit of Rs. 49,920 per ha as compared to Rs. 29,900 per ha in local check with an additional return of Rs. 20,020 over local check.

Farmer's reaction and feed back

Sri Jagabandhu Pangi is very much convinced with the performance of the variety against wilting. Though the seed cost of Utkal Kumari is higher than other tomato variety yet he has cultivated this variety of tomato in this season.

Extent of diffusion effect of technology

Being inspired by the success of Sri Jagabandhu Pangil,, other farmers of the village and neighbouring villages have started cultivation of this variety. For further spread of this technology, this FLD will be repeated for 2-3 years.



Sri Jagabandhu Pangi, Pedawada in his Tomato field.



Sri Jagabandhu Pangi, Pedawada in his Tomato field.