

### Recognition

Sh. Gulzar Ahmed has gained recognition by winning many exhibition awards in many farmers' fairs held at district and state level in Reasi district. He has exhibited some outstanding materials in different exhibitions conducted by the Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu and also state department of agriculture. In 2016 his efforts on Integrated Farming System (IFS) were appreciated by Dr.S. Ayappan, the then by Director General of Indian Council of Agricultural Research (ICAR), New Delhi at KVK, Reasi. He was also awarded as a progressive farmer in the farmer fair organised by SKUAST-Jammu in 2016. He has emerged as a progressive farmer of his area.



Sh. Gulzar Ahmed receiving the award in the farmer fair organised by SKUAST-J at Chatha, Jammu



Sh. Gulzar Ahmed at his Barseem field

# Success Story of a Tribal Farmer



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हर कदम, हर उमर  
किसानों का हमसफर  
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**Integrated Farming System in Hilly Areas for the Prosperity of Tribal Farmers**

Sh. Gulzar Ahmed is a progressive farmer of village Tanda which is about 30 km away from Katra in Reasi district of Jammu and Kashmir. He is educated up to 8th class. His family comprises his wife, two sons and one daughter. He is having 4 acres of land. Before KVK interventions he was growing maize, wheat and few local varieties of vegetables. All this agricultural produce was almost consumed by the family with very small surplus. Thus, he was unable to mitigate the basic needs of his family with the traditional farming.

**Krishi Vigyan Kendra Intervention**

A base line survey of village Tanda was done by the KVK team of scientists and it was observed that majority of varieties of different cops including vegetables were traditional which the forefathers of the farmers were using from many years ago. There were no proper scientific agricultural technologies utilized by the farmers of this village and crops production was very low. The Krishi Vigyan Kendra, Reasi scientists along with the allied departments introduced the improved and hybrid seeds of maize, wheat, pulses, oilseeds and vegetables in the village so that the farmers can be encouraged for the commercial farming. Scientific guidelines on dairy farming, backyard poultry farming, sericulture and horticulture were also provided to the farmers. It was intensively done to improve the crops production so that the farmers can earn their livelihood and improve their socio-economic status and can also mitigate their own nutritional problems. The Krishi Vigyan Kendra Scientists were constantly assessing and refining the technologies suitable for the farmers of that particular area.



Ex-DG, ICAR, Dr. S.Ayappan appreciating Sh.Gulzar Ahmed for his efforts for Integrated Farming System at KVK, Reasi

20 interested farmers (including Sh. Gulzar Ahmed) were identified and hybrid /improved crops seeds were provided by the KVK scientists with technical guidelines. The horticultural plants were also provided by the department of horticulture and technical guidelines on advance horticulture were given by the KVK experts. They were also guided how to save their different crops from insect-pests and diseases. They were also guided for the scientific dairy farming and backyard poultry by the KVK experts. They were constantly motivated how they can raise their socio-economic status by the Integrated Farming System.



Horticultural Plants at Sh. Gulzar Ahmed field Sh. Gulzar Ahmed at his vegetables field

**INCOME DIFFERENCE BETWEEN THE TRADITIONAL METHOD OF FARMING AND INTEGRATED FARMING SYSTEM PROVIDED BY THE KVK**

Component	Area	Intervention	Gross cost	Gross return	Net profits	B:C Ratio
Traditional Method of Farming	4 acres	Use of local varieties, unscientific methods for farming	17380	37100	19720	1:2.13
Integrated Farming System	4 acres	Use of hybrid seeds. Scientific Production technology	43200	157000	113800	1:3.63

Sh. Gulzar Ahmed was having very fertile 4 acres of land which was suitable for the different crops. His methods for different crops production, dairy farming, backyard poultry farming and sericulture production were traditional. Before KVK interventions he was using the traditional technologies at his farm. The result was that the crops yield was very poor. As is evident from the above table that by using the local varieties he was able to earn only Rs. 19720 annually from 32 Kanals of land. But when he followed the scientific guidelines from KVK scientists for the integrated farming system and he used the improved /hybrid varieties of different crops, scientific dairy farming, scientific backyard poultry farming, scientific horticultural crops production and sericulture production he was able to earn Rs. 113800 annually from the same piece of land. Now Sh. Gulzar Ahmed was confident as his income has increased and he was feeling more secure by establishing an Integrated Farming System under the guidance of KVK. He has established a dug well at his farm by which he irrigates his farm land. Now Sh. Gulzar Ahmed is inspiring the other farmers of his area and they are following the same technologies as used by Sh.Gulzar Ahmed.