SUCCESS STORY/ CASE STUDY: 4

Name of KVK: KVK, Pipalia

Title: High yield in wheat crop using SSP**.**

Introduction:

Name of Farmer : Parshotambhai Kanubhai Senjaliya

Village : At post: Sardharpur, Ta: Jetpur, Dist: Rajkot, Gujarat

Education : 10^{th} pass

Age : 45 years

Land : 1.28 ha

KVK Intervention:

Shri Parshotambhai is an educated farmer of Sardharpur village and always ready to adopt latest technology and scientific knowledge in his field. He was inspired for adoption of latest and scientific technologies in crop production by KVK during his visits to KVK. The farmer was given FLD on wheat by KVK Pipalia (Rajkot-II).

As per guidance and information given from scientist from KVK Pipalia Parshotambhai had used SSP i.e. Single Super Phosphate and Urea in the crop and got bumper yield in wheat crop. He stated that the use of SSP and Urea Alone had significantly increased the yield of his crop. He had used SSP 40 kg as basal dose and 10 kg urea while sowing the wheat (GW-366) per vigha ($1600m^2$). He had irrigated his crop at 15 days' interval. He applied second split application of 12 kg Urea after 35 DAS.

Output:

He got a yield of 1620 kg wheat per vigha. Again sulphur content in SSP also helps in the effective uptake of NPK by the crop. He said the cost of cultivation per vigha was Rs. 3515/- and got yield of Rs. 40400/-. He got a profit of Rs. 36885 and after selling the dry wheat fodder of Rs. 5000/- the net return per vigha he obtained was Rs. 41885/-.

Impact:

He has set an example of use of Integrated Nutrient Management practices for getting higher yield in crop production. He had demonstrated the use of SSP as alternate source of phosphatic fertilizer instead of traditional practice of using DAP. The farmer was given FLD on wheat by KVK Pipalia (Rajkot-II) hence many of the farmers had visited his field number of times. After getting bumper yield he got popular among the group of farmers growing wheat. His practiced has become popular among the farmers and they have started adopting it.