



IMPACT STORY

Drip Irrigation - A PATHWAY TO PRECISION AGRICULTURE

Rao Saqib Sohail, a progressive farmer, having degree in Chemical Engineering possesses good knowledge about innovations including efficient and climate smart irrigation methods to meet the water/nutrients requirements of crops for better yields. When he came to know about the benefits of drip irrigation system from one of his friends, he was motivated immediately and contacted



returns”.

He added that **“Drip irrigation not only provides benefits in terms of savings in water, labor, fertilizer etc. but it also motivates and facilitates farmers to adopt agriculture as profitable business”.**

Mr. Saqib shared excitedly, **“I have also experimented to apply animal dung to the plants through drip fertigation technique found it very useful for enhancing soil organic matter and better nutrition for plants.”**

He further shared that **“Growing potatoes and vegetables under tunnel with drip irrigation has created more employment opportunities for the labor especially women on my farm.**

Currently, about 25 women and 15 men are working on my farm for different farm operations. About half of the females work with their husbands and their children go to school. These workers are very hopeful to have better living in near future. I always motivate them for better socio-economic status in the society through higher income and education of their children”.



OFWM staff for installation of drip irrigation system on his 15 acres land under government's subsidy scheme during 2013-14. While sharing his experience he stated that **“I have grown potatoes, cucumbers and different vegetables with drip irrigation and found drip irrigation method far better than the traditional flood irrigation as it helps to practice precision agriculture and provides more economic**

At the end, he proposed to develop various farm implements specifically for cultivation of different crops under drip irrigation and provide on subsidized cost to facilitate the farmers.



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