

## Success Stories

Technological Intervention	:	Integrated Nutrient Management of Bt cotton
Farmer	:	Shri. Anant Palaskar
Village	:	Nirod
Taluka	:	Sangrampur
District	:	Buldana



He is one of the progressive farmer of Nirod Village. He has almost 10 acres of agricultural land in which he grows Bt cotton, fruit crops and other crops. He attained the training programme organised by KVK Buldana on production technology of Bt cotton and in the year 2008-09 a one acre demonstration on INM in Bt cotton was given to him. Prior to taking demonstration the productivity of Bt cotton was low and cost of cultivation was high, he does not use micronutrients, imbalanced fertilizer use. He was trained about the integrated nutrient management through training programmes. He sown Bt variety RCH-2 on 20.06.08 at 120x60 cm distance in irrigated condition with all the cultural operations as per the guidance of KVK. Soil of Buldana district is deficit of Zinc, Ferrous & Magnesium, he used 10kg ZnSO<sub>4</sub>, 10 kg MgSO<sub>4</sub>, 5 kg FeSO<sub>4</sub> per acre as a basal dose and to increase the efficiency of fertilizer he applied biofertilizer, azatobactor 3kg, PSB 3kg and trichoderma 3kg mixing with 100kg vermicompost per acre and applied 60 kg N, 30kg P and 30kg K as per soil testing with 4 split doses on N. Five need base spray of chemical insecticides was given to control sucking pests. At the time of flowering 2% urea foliar spray and at the boll development stage 2% DAP foliar spray was given. From the demo. plot he got kapas yield 35.40 qt/ha while as from check plot kapas 22.76 qt/ha with gross monitory returns Rs.99120/- per ha. in demo. plot and Rs. 63720/- per ha in check plot.

In the year 2009-10 Mr. Palaskar grown 6 acre Bt cotton on drip irrigation with INM and got 87 qt. kapas from 6 acre area with gross income of Rs.274050/- and net income of Rs. 214050/-. From this money he purchased 10+2 Emu bird unit as a agri subsidiary business. Now he is quite happy with INM technology and become a key farmers for KVK and Nirod village. He guides the poor farmers to increase their productivity. Taking the inspiration from Mr. Anant Palaskar near about on 150 ha of land farmers from Nirod village adopted the INM in Bt cotton to boost up the productivity of Bt cotton.

Contact Address :

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View of demo. plot of Bt cotton



Installation of Drip



Emu bird unit as a agri subsidiary business