

# **TRANSFER OF TECHNOLOGY** **HORTICULTURE**

## **1. Citrus production technology**

Citrus is one of the important fruit crop of Nagpur district ,occupying more then 26 lakh ha. area under cultivation. KVK, CICR, Nagpur in collaboration with NRCC, Nagpur has conducted 130 training programmes, during 2001-2011 on different aspects of Citrus production and protection technology covering 2109 practicing farmers,306 rural youths and 452 extension functionaries of Nagpur district.KVK also conducted diagnostic surveys, field visits, live demonstrations, group discussions and farmer Scientists meet etc. Due to these activities , it has been observed that the yield of the farmers is increased with better fruits quality and the cost of cultivation is also reduced.



**Training on Citrus production in collaboration with NRCC, Nagpur**



**Demonstration On Bordeaux paste application for the control of Phytophthora in Nagpur Mandarin**



**Rejuvenation in Nagpur Mandarin**



**Demonstration on Nutrient application**

## 2 Establishment of Fruit gardens

KVK, CICR, Nagpur encouraged the farmers to Establish of Fruit gardens & they were trained on fruit nursery management, raising of saplings, budding in local ber by improved variety Umran, pruning & training of fruit plants etc. KVK Established fruit gardens on about 29 acre of land in Kaldongri, Waranga and Wakeshwar villages with the help of state Govt. subsidy scheme. KVK, CICR, Nagpur also Established fruit garden demonstration units at its farm on Guava ( L-49 ), Custard apple ( Balanagar ), Sapota ( Kalipatti), Orange ( Nagpuri Santra), Sweet Orange ( Neuseller & Katol gold ), Pomogranate ( Ganesh ), Papaya(Pusa nanha ,Honeydew) and Mango. These demonstrations units were shown & explained to the farmers & other visitors. The Guava garden has been auctioned for Rs. 45000 and Rs. 43000 in 2010 &2011 respectively.



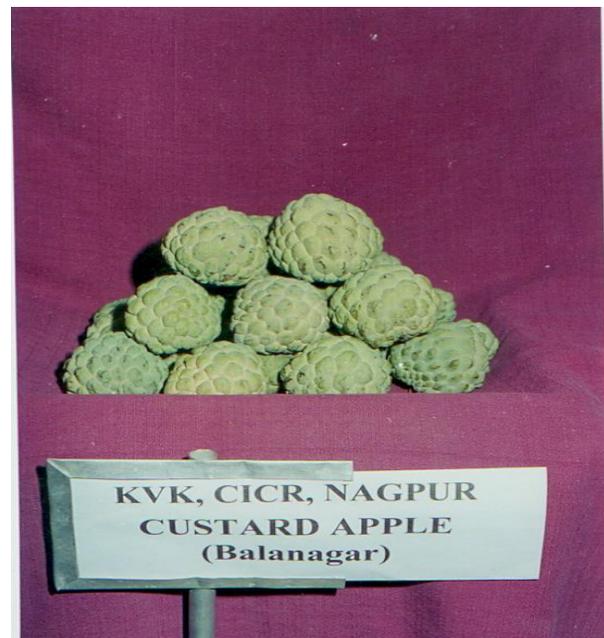
**Budding in Local Ber by improved variety (Umran) at farmers field**



**Production of Guava (L-49) at KVK farm**



**Production of Ber at farmers field**



**Production of Custard Apple (Balanagar) at KVK farm**



### 3 Cultivation of Vegetables

Brinjal, Tomato, Onion, Chilly, Okra are important and popular vegetable crops of Nagpur district. Chilli is also grown for red Chilli & spices. KVK, CICR, Nagpur introduced high yielding varieties of vegetables & conducted Demonstrations, OFT, & FLD along with their production & protection technologies. Akola Safed variety of Onion recorded 19.35% higher yield over check. Demonstrations were conducted on Tomato (Pusa red, Pusa ruby & Pusa early dwarf), Brinjal (Harit, P. purple long, ), Onion (AFR, AFLR, Akola safad), Chilli (G4, Jwala, Jyanti, ), Okra (Parbhani kranti, Akola bahar, Arka anamika, Utkarsh, B-913), Cluster bean (Pusa Navbahar, Sadabahar). Training programmes, Group discussions, field visits, diagnostic surveys were organized. The farmers were trained on nursery management so that they can raise healthy & disease free seedlings.



Production of Chili



Production of Tomato (Red gold)



**Production of Onion (Akola Bahar)**



**Visit of Incharge KVK to the Chilli demonstration field in Ranmangli Village**

## **4 Cultivation of flowers**

Roses, marigold, chrysanthemum, Tuberose are important flower crops of Nagpur district which are cultivated for commercial purposes. KVK, CICR, Nagpur motivated the farmers for production of quality flowers to get more profits and also cultivating marigold in Orange garden as intercrop to get additional income. The farmers were trained on nursery management and motivated the rural youths for establishment of flowers nursery for self employment. KVK, helped the farmers to established 10 Rose nurseries in Sawagi, Kaldongri, Wakeshwar and Waranga villages of Nagpur district and the nurseries are running successfully. Group discussions, field visits, diagnostic surveys were also organized for the benefit of the farmers.

The above activities are being disseminated through K-MAS, daily news papers, radio, T.V. personal contacts, field visits, field days, group discussions, telephones, etc. to make the farming community aware about the latest technologies in the field of horticulture.



**Commercial cultivation of Roses**



**Introduction of high yielding variety of Marigold (Suman)**