

ELEVATE YOUR COTTON FARMING WITH THE ART OF DETOPPING!

BOOST PLANT HEALTH AND MAXIMIZE YOUR YIELD POTENTIAL.



ManubhaiKatariya, a farmer from Ambada, Gir Somnath, Gujrat with 4 acer land. He has been connected with farming with last 12 years growing cotton, other crops and also connected with animal husbandry. He participated in Better Cotton training sessions, where they learned about the simple yet effective technique of detopping cotton plants. By cutting the tops at 4-5 feet height to increase yield.

Manubhai, our farmer, inspired by the training, decided to implement this technique. He said that, “before getting this training I used pesticide named Chamtkar to controlled plants growth. I cultivated cotton on 4 acres every year and the cost of sprinkling pesticide 500-600 ml is about Rs.600 to 800.



And I paid Rs. 300 for a sprinkle as a labour cost for labour. So over all the cost is around 1200 Rs. The volunteer suggests to me that you should be implemented a recommendation which is based on research done by Agricultural University, instead of using pesticides to control the growth of plants, which helps to a profit in normal financial condition.

Detopping should be done when the height of the plant is reached 4 to 5 feet. There are two types of branches in cotton: 1) Monopodia:- It increase the length of branch and has fewer flowering, square, balls and more leaves. 2) Sympodial:- It is known as reproductive branch. There are greater number of flowers, square and balls in it and these branches more in cotton plants, the yield is also higher. To increase the numbers of branches, nutrients goes monopodia branch had increased length of the plant, if nutrients goes monopodia branch, sympodial branch get this nutrient which increases flowering, bolls, so production will get boost. This practice of detopping is so easy that farmers can do without any requirement of labour, so it reduces labour cost and cost of pesticides. This broad information get by volunteers to me. I experimented this practice previous and this year and I achieved excellent result of it. Here are the following benefits that I got through detopping:

- It controls the height of the plant, so balanced growth is maintained.
- The number of flowers and balls increases when the length of a sympodial branch of a plant increases.
- Due to regulation of height of a plant, thickness of trunk and branches is increase which helps to not get down against wind so branches are not break down.
- The rise in extent of the plant it increases the photo synthesis process which produces more feed as ithelps to reduce the the thickness of leaf and this feed stops sheeding flowers and squares when required.



I will practice this activity of detopping every year and will share my experience to other farmer who visits my farm and suggests to implement this method to them”.