An Alert Farmer is an Affluent Farmer
Bt cotton technology attracting younger farmers to farming in India

1. Bt cotton technology attracted young farmers to cotton farming in the country
   - 50% higher the number of surveyed farmers coming from the lower middle age group (21 - 40 years) in Maharashtra, Andhra Pradesh and Punjab
   - The survey confirmed wide-spread planting of Bt cotton
     - ~95% occupied total cotton area, in the rainfed, semi-irrigated & irrigated areas

2. "Adoption and Uptake Pathways of Bt Cotton in India" - first comprehensive account of field realities of Bt cotton involving 2,400 small holder farmers across three states: Maharashtra, Andhra Pradesh & Punjab.

3. Bt cotton is a scale-neutral technology
   - It offers similar levels of protection irrespective of farmer class- OBC, SC/ST & general category

4. Bt cotton contributed to doubling of cotton yield at farm level in both irrigated and rainfed conditions
   - On average, Bt cotton hybrids increased yield
     - Rainfed: 45 to 8-10 quintals/hectare
     - Irrigated: 10-12 to 22-24 quintals/hectare

5. In the States surveyed a substantial decrease in insecticide sprays & control of the American bollworm achieved
   - 82.8% decrease in insecticides
   - 99.3% control of American Bollworm

6. Profit reported by Bt Cotton farmers
   - National Level Rs. 41,837 per hectare
     - Punjab: Rs. 53,139 per hectare
     - Andhra Pradesh: Rs. 39,786 per hectare
     - Maharashtra: Rs. 32,885 per hectare

7. Bt technology has decreased pesticides usages, increased cotton productivity, & increased farmers’ income & contributed significantly to poverty alleviation