



BREAKTHROUGH IN COTTON FARMING

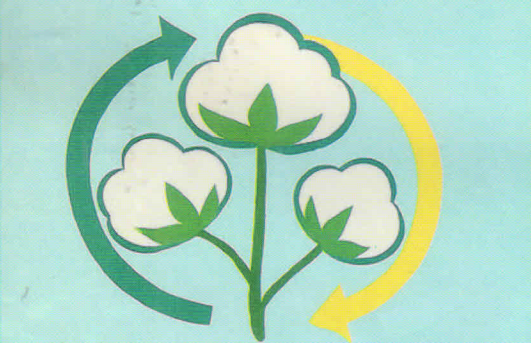
GM Cotton vs Pink Bollworm

Limitation of previous cotton technology

Previous genetically modified (GM) cotton (Bollgard/ Bollgard II) is efficacious against some bollworms but failed against Pink Bollworm (PBW), a major pest affecting the crop in India, Asia, and Africa.



A New Genetic Solution



Scientists at CSIR-NBRI engineered an insecticidal gene for high toxicity to PBW.

Next-Gen Cotton Protection

CSIR-NBRI developed World's first GM cotton which is highly tolerant to Pink Bollworm



Impact Potential

The breakthrough protects cotton crops, secure millions of farmers' livelihoods, and sets a new standard for pest resistance in global agriculture.



Material Transfer Agreement signed with M/s Ankur Seeds Pvt. Ltd. on safety studies, filed trials, and commercialization.