



“SRT humming..... Soil enriching, Crops booming and Farmers Empowering”

Unlocking Higher Yields And Better Quality With SRT

Namaskar,

We wish all our readers & partners a brighter & happier festival season on the onset of Diwali (Indian Festival of Lights).

Welcome to the 174th edition of the Saguna Rural Foundation (SRF) Newsletter!

Transformative Results in Cotton & Maize Cultivation

Saguna Regenerative Technique (SRT) continues to prove itself as a revolutionary farming method, delivering higher yields with reduced labor and resources. Recent case studies reveal striking advantages of SRT in cotton & maize cultivation.

In cotton cultivation, farmer Ramchandra Pund from Ch Sambhajinagar reports remarkable outcomes: SRT plants reach nearly twice the height, with up to 90 bolls per plant (compared to 40-42 in traditional farming) and yields nearly double per hectare.

Similarly, SRT in maize cultivation shows superior results. Maize plants achieve higher cob counts, with up to 20% more plants bearing two cobs. Each cob holds up to 800 grains, resulting in a significantly increased yield per hectare.

These examples underscore SRT's capacity to enhance productivity sustainably, paving the way for a more resilient and profitable future for farmers.

Comparison between SRT cotton vs Traditional Cotton

3 Yr SRT Farmer - Ramchandra Pund, Bajar, Sawangi, Khultabad, Ch Sambhajinagar



Traditional Cotton

SRT Cotton



Traditional Cotton



SRT Cotton

Parameters	Traditional Cotton	SRT Cotton
Height of the plant (cm)	121	244
No. of fruit branches per plant	14 - 16	24 - 26
No. of bolls per plant	40 - 42	85 - 90
No. of Petals per fruit	4 (100%)	5 (50%)
No. of seed per fruit	24 - 30	40 - 44
Yield per hectare (Quintal)	20 - 25	50 - 55



Traditional Maize

SRT Maize

Parameters	Traditional Maize	SRT Maize
Height of the plant (cm)	213	244
No. of cob per plant	1	2 (on 20% plants)
No. of vertical lines per cob	14 - 16	16 - 20
No. of grains per line	35 - 40	45 - 50
Total no of grains per cob	600	750 - 800
Weight of cob (gram)	180	250
Yield per hectare (Quintal)	75 - 80	110 - 115

Stay tuned for more updates as we continue our journey towards a greener and more sustainable future.

Thank you!

