Smallholder Farming Panel

Wednesday 22 June: 11:12 – 11:57 (45 min)

With Speakers:

- Sharipov Habibullo
  Better Cotton Farmer (Tajikistan)

- Mona Kassem
  Better Cotton Division Manager, and Export and Impact Manager ALKAN Mohamed Nossier for Trading and Industry (Egypt)

- Hardeep Desai
  Head of Farm Operations | CottonConnect South Asia

Facilitator:

- Saleena Pookunju
  Capacity Building Manager | Better Cotton (India)
Success story of smallholder farmer
Sharipov Habibullo

Tajikistan, Sughd region, J.Rasulov district
Overall information about the farmer

- Sharipov Habibullo – 66 year old
- Has agriculture economy education
- Farm organized in 2010 in total area 15 ha
- In 9 ha growing cotton
- Starting from 2016 became Better Cotton Farmer
- Most challenging problem is lack of irrigation water
Implementing water efficient technology

- Before becoming BCI farmer I used ordinary furrow technology of irrigation and for 1 ha of cotton used more than 10,000 m³ of water.
- In 2018 jointly with SAROB (BCI IP) organized demonstration field with short furrow technology of irrigation with using of water measurement devices.
- In 2019 in the same demonstration field was implemented tubular irrigation.
Result of saving water

Volume of used water for crop in product in, m³/ha

- 2015: furrow irrigation
  - 10000 m³/ha

- 2018: short furrow
  - 7182 m³/ha

- 2020: tubular irrigation
  - 5333 m³/ha
Result of saving water and cotton yield
Smallholder farmer and climate change

- For irrigation is using pumped water with own small power transformer (electrical pump)
- Before the using water efficient technology duration of irrigation was 24 hours an average
- With using tubular irrigation technology the irrigation time is 12 hours an average
- This means that using of pump and electricity is half that of before
Sharing experience with other smallholder farmers
Thank you and Tashakkur!

Welcome to Tajikistan
SMALLHOLDER FARMERS AND CLIMATE CHANGE

Mitigation and adaption in Egypt

Mona Kassem Youssef
Export and Import Manager of ALKAN Mohamed Nossier
"All that is valuable in human society depends upon the opportunity for development accorded to the individual."

Albert Einstein
Egyptian government climate mitigating efforts

- Desalination projects
- Irrigation and wastewater projects
- Renewable energy projects
- Cancelling coal projects
A canal before lining and rehabilitation – Al Mania governorate

And after lining and rehabilitation – Al Mania governorate

Al Mahsamma agricultural drainage treatment, recycling and reuse plant – Ismailia governorate.

Benban Solar Park is a photovoltaic power station – Aswan governorate.
Vertical commitment: UNIDO, ALKAN Group, Smallholders

Renewable energy for yarn plant.
Thank You
Smallholder Farming Panel

Hardeep Desai
Head of Farm Operations at CottonConnect South Asia
Cotton + Climate Action

Q&A
Thank you