



# Building trust and closing the productivity gap in India

July 06, 2021

**Improved crop nutrient and water management practices lead to increased productivity and profits**

By GAP Report team

Building trust and closing the productivity gap for f...



Building trust between communities within agriculture systems overcomes barriers and facilitates the adoption of new technologies and practices for productivity and resilience.

That is one of the goals behind the Krishi Jyoti project, or “enlightened agriculture” project, a collaboration by the [S.M. Sehgal Foundation](#) and [The Mosaic Company](#) and its foundation. Since 2008, the project has helped close the productivity gap by helping farmers improve their nutrient and water management practices.

Farmers participating in the project have seen yields increase by 20 to 30 percent, providing increased income. The project has also installed check dams that capture and store rainwater from the monsoon season to replenish the underground water table. Thanks to new and refurbished schools, children in these communities are receiving an education in a safe and healthy environment.

To learn more about the Sehgal Foundation’s work, watch more videos from the organization [here](#).

---

## Related Posts

### [The magic of CGIAR research](#)

Posted: October 20, 2021

A recent report from the Supporters of Agricultural Research (SoAR) Foundation has found that investments in the CGIAR system yield a ten-to-one return on investment in low- and middle-income countries, with additional follow-on benefits impacting higher income and donor countries as well. Over the last 50 years of CGIAR’s operations, approximately \$60 billion have been [...]



### [A sustainable rice solution for India](#)

Posted: October 19, 2021

Traditional rice farming techniques in India are becoming environmentally unsustainable. Direct Seeded Rice (DSR) is an alternative resource-efficient technology that minimizes the environmental impact of rice farming while improving farmer livelihoods. Corteva Agriscience’s integrated rice farming program helps farmers better understand and realize the benefits of DSR. Rice farming in Asia Rice is the staple food [...]



### [Harnessing the power of soil to feed a growing population](#)

Posted: October 19, 2021

The Mosaic Company is working to equip farmers with the tools to harness the fertility power of soil health. Through new products like the Sus-Terra Fertilizer and partnerships with BioConsortia, Sound Agriculture, and AgBiome, The Mosaic Company is forging a new future for fertilizer technology that enhances and utilizes soil’s natural ecological microbial biome. What [...]



### [Internet connectivity gets a boost at John Deere factories and communities](#)

Posted: October 19, 2021

Deere & Company is not only working to improve productivity on the farm but also in the factory by bringing connectivity to rural America. Deere’s manufacturing facilities are very complex environments that rely heavily on internet connectivity and access. Advanced internet connectivity enables Deere & Company to fully embrace the Internet of Things, artificial intelligence, [...]



### [Saving the banana from Tropical Race 4](#)

Posted: October 19, 2021



A coalition of researchers and scientists at Bayer Crop Science are working together to protect the world's most popular banana variety from the Tropical Race 4 fungal pathogen. TR4, also named Panama Disease, is a new fungal pathogen threatening the future of the Cavendish banana, which accounts for 95% of banana production. Over 400 million [...]

Go to top

© 2022 Virginia Tech College of Agriculture and Life Science and Virginia Tech Foundation

[Privacy & Terms](#) | [Sitemap](#)

