

PRESS RELEASE

Nano Grow Max Partnership Tackles Climate Change and Food Security

AgTech News | New Partnership Addresses Precision Farming

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Nano Grow Max and Alluvial Trade announce a joint effort to address the future of agriculture technology.

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March 27, 2023 (Andrews, SC, and Jabi, Abuja) – Nano Grow Max, an agricultural company focused on the success of its farmers and precision ag pioneer Alluvial Trade, a company dedicated to solving Africa's food insecurity through block farming, announced today a joint testing effort with a groundbreaking plant catalyst. The collaborative effort will use the innovative Nano Grow Max technology to help address food security and climate change through sustainable agriculture practices.

Testing efforts between the two companies have been focused on rice, soybean, and maize. Field tests have shown exciting results. Plants grew longer roots, photosynthesized more efficiently, and could better withstand stress from drought. Overall, the plant catalyst increased crop yield by an impressive 21% to 125%. This new technology in agriculture is a game-changer and emphasizes the need for sustainable farming practices.

Both company's researchers are eager to continue additional tests with a varied group of crops precisely because of the pressure on current cropping systems to feed the world's expanding population. Field tests applied to twelve different fruits and vegetables show significant results though they are in other families. "The inclusiveness of the results indicates a universal application," said Todd Davis, CEO of Nano Grow Max.

Nano Grow Max uses a unique combination of nanotechnology and plant extracts, resulting in increased plant growth through the uptake and deployment of all nutrient regiments. In turn, the plant's accumulated energy savings is deployed into its growth process, which significantly increases growth and yield. The need for advanced technology in agriculture is starting to make inroads as there is less arable land and an increased population.

Nano Grow Max's revolutionary technology promotes renewability and profitability across the agricultural landscape. To illustrate the effectiveness of Nano Grow Max plant-based nanotechnology, the company tested its vegetable plant catalyst recently. Crops tested included maize, soybean, and rice, with the following results:

- **Soybean:** 21% to 111% increase in yield
- **Rice:** 125% increase in yield

*Percentage may change based upon location and growing conditions

The Nano Grow Max and Alluvial Trade partnership further enables farmers in Nigeria, Kenya,

Ghana, Ethiopia, Uganda, and Rwanda to practice sustainable agriculture and increase food production. Alluvial provides a Service Delivery Model (SDM) that includes training, technology, irrigation, land preparation, and market access for precision agriculture in community blocks throughout Africa.

"The opportunity for farmers to benefit from increased yield in commodity crops in Africa is massive," said Dimieari Von Kemedi, Managing Director at Alluvial. "We are honored to work with Nano Grow Max in Nigeria and further test its products which increases plant yields and the farmer's productivity while enhancing the provinces' economies. Nano Grow Max liquid catalyst was supplied to the members of our block farming group, which seeks to reduce poverty, enhance food security, and improve farmers' output and productivity."

Community block farming can bring over 2,000,000 quality direct jobs over the next five years to communities in Africa. Von Kemedi further stated, "The implementation of this initiative will reduce the reliance on imported foodstuffs and raise the food production standard of our farmer's food production system due to new technology, shared knowledge, and empowering food producers."

About Nano Grow Max:

Nano Grow Max, Inc. focuses on high-volume crops such as corn, soybean, rice, and cannabis, creating authentic transformational products which improve grower profitability. The company services a wide range of farmers, empowering them to address challenges and increasing productivity, with a mission of utilizing nature for growers to feed the planet and provide plant-based medicine for medical ailments. The company's nanotechnology unlocks renewability and profitability across the agricultural landscape. Nano Grow Max, Inc. is headquartered in Andrews, SC. www.nanogrowmax.com.

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