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Abuja, Nigeria and Colorado, USA, June 12, 2025

Nigerian National Space Research & Development Agency (NASRDA) and Jaguar Space Launch Strategic Collaboration for Agricultural Research in Space

Abuja, Nigeria and Colorado, USA, June 12, 2025 — In a landmark agreement, the Nigerian National Space Research & Development Agency (NASRDA) and Jaguar Space have entered into a Memorandum of Understanding to collaborate on space-focused agricultural research.

This initiative will explore key Nigerian crops including maize, cowpea beans, groundnut, sorghum, okro, and amaranth—species that are vital not only to Nigeria’s food systems but also to its cultural legacy. The collaboration seeks to explore how research in microgravity may offer fresh insights into these plants, contributing to long-term strategies for food security and sustainability.

Jaguar Space is committed to supporting Nigeria’s efforts to enter and thrive in the domain of space science and agricultural innovation, fostering a future where Nigerian crops play a meaningful role in humanity’s expansion beyond Earth. As part of a broader investigation, this partnership will examine how unique spaceflight conditions might influence plant development at the molecular level. The findings are expected to inform future strategies for space-based food systems and provide new tools for resilient agriculture in climate-stressed environments.

Integrating crops native to emerging space nations is essential for building a future of sustainable human presence beyond Earth. These collaborations advance nutritional diversity, preserve cultural identity, and create new scientific pathways. Jaguar Space takes pride in enabling this progress and empowering the next generation of scientists and explorers across emerging space nations.

For more information on the collaboration or media inquiries, please contact: contact@JaguarSpace.net.

About Jaguar Space

Jaguar Space is a bioastronautics and business consulting firm dedicated to advancing science and commerce in space. The company leverages a unique combination of expertise in space science, engineering, project management, cross-cultural affairs, and business development to help its customers reach their goals faster and more effectively.

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About NASRDA

The National Space Research and Development Agency (NASRDA) is Nigeria's premier institution for space science, technology, and innovation. Established in 1999 and under the Federal Ministry of Innovation, Science and Technology, NASRDA leads Nigeria's efforts in harnessing space-based solutions to address national development challenges in areas such as agriculture, disaster management, communication, education, and environmental monitoring.

NASRDA has successfully launched several satellites into orbit, including NigeriaSat-1, NigeriaSat-2, and NigComSat-1R; and continues to advance space research and applications to improve the quality of life for Nigerians. Through its various research centers and partnerships, the agency promotes capacity building, space education, and international collaboration to drive innovation and socio-economic development. A champion of Africa's participation in the global space ecosystem, NASRDA plays a strategic role in regional and international initiatives.

The agency is committed to expanding Nigeria's footprint in the space domain by integrating local expertise, scientific research, and global partnerships to solve pressing developmental issues. As part of its long-term vision, NASRDA actively explores emerging frontiers; including life sciences, Earth observation, and climate resilience technologies to ensure Nigeria remains a relevant and forward-looking actor in the space sector.