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ADM launch of regenerative agriculture program in Brazil

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ADM, a leader in sustainable agriculture supply chains, today announced an important expansion of its global regenerative agriculture efforts with the launch of its program in Brazil. The Brazil program aims to promote and support sustainable agricultural production with a focus on soil health, biodiversity protection, improved soil fertility and resilience, and increased farm productivity. In the initial stages of the program, ADM will focus on three practices.

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- **Fertilizer use efficiency and increased use of biological inputs**, reducing chemical inputs and substituting traditional nitrogen products with more technological alternatives to result in reduced carbon emissions in planting, coupled with increased productivity due to improved soil health.
- **No-till farming**, with technical assistance guidance for the refinement and intensification of this widely used practice in the field.
- **Covered soil/cover crops**, using a mix of cover crops to improve soil health, especially during offseason windows, to positively impact water absorption, structure, biodiversity and soil fertility.

â??Weâ??re proud to expand our global efforts and launch our regenerative agriculture program in Brazil,â? said Luciano Souza, ADM's grains director for South America. â??The basic principle is to support farmers in their efforts to do more with less, meaning higher productivity with less use of inputs, less water use, lower greenhouse gas emissions, lower risk of soil degradation, and less use of fuels and energy. We know that customers are looking for lower-carbon intensity products with

increased transparency in supply chains, and weâ??re committed to continuing to expand our efforts to help them meet their sustainability goals and consumer needs.â?•

Pilot program

The program is launching via a pilot that will engage 20 soy farmers encompassing 20,000 hectares (almost 50,000 acres) in Minas Gerais (UberlÃ¢ndia region) and Mato Grosso do Sul (Campo Grande region) to gather information on current practices and their impacts, including calculating carbon footprints.

Farmers participating in the pilot will receive technical assistance, training sessions and soil organic matter and carbon sequestration measurements. All greenhouse gas emission calculations for the pilot will be performed using a calculator designed and developed by Bayer S.A. in partnership with Embrapa to be regionally specific, and to quantify field emissions, land-use change emissions, carbon footprint of inputs applied in the field, and carbon footprint of transportation.

"This is a significant step by Bayer, through collaborative work, cutting-edge science and technology, to build, with farmers and partners, the carbon ecosystem. We understand that in agribusiness, we have the important purpose of mitigating the impact of climate change through the pillars of regeneration, decarbonization, and greenhouse gas removal. The partnership with ADM promotes an economically attractive model, where industry and producers connect and create solutions that benefit the entire value chain," commented Felipe Albuquerque, Carbon New Business Development Manager at Bayer.

Future Expansion

Primary data collection during the pilot for greenhouse gas emission calculations, and soil analysis with carbon sequestration measurement, will allow ADM, Bayer and other participants to gain valuable insight into current environmental impacts and potential reduction opportunities as the program expands, with ADM targeting engagement of 120,000 regenerative agriculture hectares (300,000 acres) in Brazil by 2027.