



Bayer AG
Communications
51368 Leverkusen
Germany
Tel. +49 214 30-1
media.bayer.com

News Release

Bayer takes steps to make carbon sequestration a farmer's newest crop opportunity

- Bayer to reward growers to generate carbon credits by adopting climate-smart practices and creating a new revenue stream on-farm
 - The initiative makes Bayer the first company to develop a transparent, science-based and collaborative approach to a carbon market in agriculture
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Monheim, July 21, 2020 – Agriculture may now have another solution to positively impact climate change thanks to a new initiative launched by Bayer. Beginning this month, Bayer will start rewarding farmers in Brazil and the U.S. for generating carbon credits by adopting climate-smart practices – such as no-till farming and the use of cover crops – designed to help agriculture reduce its carbon footprint and greenhouse gas (GHG) emissions. Bayer's industry-leading Carbon Initiative is the result of years of work validating a science-based approach and methodology to make this happen. It recognizes the pivotal role growers and their land can play in helping to create lasting, positive environmental impacts and is the latest in the company's [sustainability commitments](#) specifically aimed at reducing field GHG emission by 30% in 2030.

"Farmers are passionate environmentalists and stewards of the lands they farm," said Brett Begemann, Chief Operating Officer of Bayer's Crop Science division. "Their lives and livelihoods depend on the weather, and they are some of the first to be affected by drought, flooding and extreme conditions. If anyone has a vested interest in battling climate change, it's farmers and we are committed to developing new business models like this unique Carbon Initiative to help them in that fight."

Soil is one of the most effective ways of sequestering carbon. Incentivizing farmers to embrace no-till, precision nitrogen use or cover crops helps further sequester carbon into the soil, reduce fossil fuel usage and reduce greenhouse gases. While today farmers get rewarded solely for their food, feed and fiber production, those participating in the Bayer

Carbon Initiative will have the opportunity to be rewarded for their best farm management practices and other sustainability efforts as well.

The program's 2020/2021 season will include approximately 1,200 farmers in Brazil and the U.S. In both countries, farmers will receive assistance in implementing climate-smart agricultural practices and Bayer will acquire the carbon removals created by those practices at transparent prices. The company is also collaborating with partners such as Embrapa in Brazil to build a viable carbon market for farmers.

Bayer plans to expand the program in the U.S. and Brazil to other farmers and then later into other world regions with tailored approaches that will allow growers to choose what climate-smart practices and implementation works best for them. In Europe, we are exploring how this innovative approach could be adapted as part of the European Green Deal. In Asia-Pacific, our goal is to help increase productivity for smallholder farmers as well as reduce methane emissions from rice farming.

"We know that growers in the U.S. are not only good stewards of their land, but also shrewd businessmen, too," said Lisa Safarian, President of Bayer Crop Science, North America. "That's why this initiative is so exciting – enabling farmers to realize additional financial benefit from carbon-smart farming practices such as the use of cover crops or no-till agriculture."

"We are excited to partner with farmers through this new Bayer Carbon Initiative," Begemann added. "We're honored to take this major step with farmers to create a carbon-zero future for agriculture, an important legacy that we can create with farmers to leave to the next generation."

About Bayer

Bayer is a global enterprise with core competencies in the life science fields of health care and nutrition. Its products and services are designed to benefit people by supporting efforts to overcome the major challenges presented by a growing and aging global population. At the same time, the Group aims to increase its earning power and create value through innovation and growth. Bayer is committed to the principles of sustainable development, and the Bayer brand stands for trust, reliability and quality throughout the world. In fiscal 2019, the Group employed around 104,000 people and had sales of 43.5

billion euros. Capital expenditures amounted to 2.9 billion euros, R&D expenses to 5.3 billion euros. For more information, go to www.bayer.com.

Contact:

Charla Lord, phone +1 314-343-7196

Email: charla.lord@bayer.com

Brian Leake, phone +1 314-370-3285

Email: brian.leake@bayer.com

Find more information at www.bayer.com.

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