**Press Release**

AGRITECHNICA 2023

**John Deere develops ethanol engine**

*Walldorf, 26. September 2023* – John Deere is continuing to work toward its Leap Ambitions — the company’s focused goals designed to boost economic value and sustainability for customers while delivering better outcomes with less resources. Under the Leap Ambitions, John Deere is working to innovate viable low- and near-zero-carbon power solutions by 2026 within four key areas of power generation, including internal combustion engine (ICE) efficiencies, renewable fuels, hybridization, and full battery-electric options.

John Deere is committed to bringing the most advanced and effective renewable fuel solutions to its customers by prioritizing the technologies and resources that make the most sense for its customers. Within the variety of available renewable fuels, John Deere considers biodiesel, renewable diesel (or HVO), and ethanol to be the most promising options for near-term integration into heavy duty applications. Ethanol is an alcohol-based renewable fuel that is widely available in many parts of the world since it can be made from feedstocks such as corn, wheat, or sugar cane. As a high-octane fuel, ethanol is attractive for high performance spark ignited engines.

John Deere is leveraging its world-class engineering expertise to vet and test new technologies that simplify the integration of renewable fuels with combustion engine technology as it strives to deliver more value and productivity to customers. John Deere will have a concept 9.0L engine that is compatible with ethanol on display at this year’s AGRITECHNICA show. This concept engine illustrates the company’s ongoing commitment to developing a diversified portfolio of solutions that can meet power needs across equipment sizes and applications.