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For Immediate Release

Canada's Farm Progress Show 2019 Innovation Award winners announced

Regina, Saskatchewan – Winners of the 2019 Innovation Awards were announced at the opening ceremony of Canada's Farm Progress Show, presented by Viterra. Two winners took home the Sterling Standard Award, while one entry received the Gold Standard Award.

Show Manager Shirley Janeczko says innovation is one of the biggest components of Canada's Farm Progress Show. There were 22 innovations submitted this year.

"Canada's Farm Progress Show is the country's largest agricultural show, and one of the core elements is innovation that brings improvements and efficiency to agricultural production," says Janeczko. "We have qualified buyers who attend the show each year specifically to see what's new in the industry and to talk to manufacturers who are displaying their innovations."

2019 Gold Standard Award winner

Gold Standard Award Winner	Innovation
RAVEN INDUSTRIES CANADA - AUTOBOOM XRT	The purpose of AutoBoom XRT is to provide boom height control over challenging terrain to increase sprayer efficacy. AutoBoom XRT is the first boom-leveling product to use radar sensors to measure the distance to the canopy and distance to the ground. Comparatively, other products use ultrasonic sensors – technology vulnerable to water ingression and mounting limitations. AutoBoom XRT's MR dampers automatically varies the center rack suspension over different terrain. AutoBoom XRT offers more control with machine look ahead. Therefore, AutoBoom XRT can predict how the boom will need to react based on the machine movement.

2019 Sterling Standard Award winners
In no particular order

Sterling Standard Award Winners	Innovation
PRECISION.AI	Precision.AI produces artificially intelligent drones for fully autonomous farming. The AI-powered machines make decisions at the per-plant level, allowing a level of yield optimization unattainable by humans. The product consists of a platform of drones that

autonomously monitor their fields in real-time and spray weeks as they emerge. Through this technology, crop inputs are projected to be reduced by 18%, generating a 52% improvement in annualized return over total expenses.

FIRST PASS　　　　　　　　　　First Pass is a subscription-based route optimization software solution built by farmers for farmers. First Pass integrates with the existing equipment guidance technology to reduce redundant passes in field by optimizing guidance lines, enabling farmers to increase productivity and profits while reducing environmental impact such as soil compaction across their farm. First Pass increases field efficiency by making it easier to manage equipment and labour while reducing unnecessary passes in a field, all without affecting production.

Innovation Program submissions are qualified by the Canada's Farm Progress Show Innovation Committee and evaluated by a panel of judges who bring vast knowledge of the agriculture industry. Judges also have the practical and tangible understanding of how innovation can lead to productivity improvements on the farm.

- 30 -

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