

John Deere Introduces MaxEmerge 5e Row Units for Spring 2017

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New variable-rate electric drive row units improve planting accuracy, reduce maintenance

To help corn and soybean growers improve planting accuracy, reliability and uptime during this critical time of year, John Deere introduces the MaxEmerge 5e row units. Available in time for use next spring, the variable-rate MaxEmerge 5e row units can be used on a wide variety of John Deere planters, including popular mini-hopper and DB planters.

Brian Boelens, product specialist John Deere Seeding, says the new MaxEmerge 5e row units provide significant improvement in seeding population accuracy across the full width of the planter, especially when operating on curves. "With planters equipped with the electric meter drive for each row unit and related technology, customers can achieve up to a 20 percent improvement in population accuracy and eliminate a potential one to two percent yield loss due to seeding inaccuracies."

While the MaxEmerge 5e row units still utilize a seed tube, an electric drive meter on each row unit replaces traditional shafts and drivelines, allowing each row unit to work independently. Eliminating these components also provides easier access to each row unit and decreases time and labor needed for planter maintenance.

The MaxEmerge 5e row units can be used on 1725 16-row, 1775NT, 1795, DB44, DB60, DB66, DB80, DB88, and DB90 planters, including mini-hopper, 1.6-bushel and 3-bushel hopper models. It is compatible with SeedStar 3HP and SeedStar Mobile seed monitoring systems that have a wireless data server.

Standard features of the MaxEmerge 5e row units include variable rate, individual row electric meter drives; SeedStar 3HP monitoring system; one year free activation of SeedStar Mobile; Curve Compensation; vacuum automation; meter runoff and built in RowCommand. To operate the electric drive meters, tractors need to have PTO for electric power generation.

Optional features available for use with planters equipped with MaxEmerge 5e units include easy-adjust row cleaners, individual row hydraulic downforce, pneumatic closing wheels and, depending on model of planter, fertilizer attachments. Active pneumatic downforce is standard equipment on all MaxEmerge 5e row units and ExactEmerge models.

"For customers running newer model planters, retro fit kits are available to convert to MaxEmerge 5e units which will improve seeding accuracy while increasing productivity and uptime," Boelens adds. "With today's tight margins, corn and soybean producers are looking for ways to maximize yields and productivity while saving time and input costs. Planting with a MaxEmerge 5e row unit equipped planter can help them achieve those goals."

Source: John Deere GmbH & Co. KG; ASM Public Relations Ltd