THE TRADITION OF EXCELLENCE CONTINUES - INTRODUCING THE NEW PRO-SERIES™ ROW UNIT

The MaxEmerge® Plus row unit has been the benchmark of the industry since its introduction in 1996. It has been known for the strength, convenience, and accuracy that customers demand from their John Deere planter. Now, the John Deere Seeding Group has taken the best and made it even better.

Two of the major new innovations at Louisville were the Central Commodity System (CCS) and the Pro-Series row unit. Planters utilize CCS Seed Delivery, in which a gentle airstream delivers seed through hoses to the mini hopper on the Pro-Series row unit, where our proven metering systems take over. The new planters with CCS Seed Delivery are the 1770NT CCS, and the new 1790 Split-Row Planter. The 1770NT CCS can be configured with either the MaxEmerge Plus or the new Pro-Series row unit. The 1790, on the other hand, is only available with the new Pro-Series row unit.

One key point to remember is that the Pro-Series row unit is only compatible with CCS Seed Delivery. The Pro-Series row unit consists of the same framing as the MaxEmerge Plus row unit with respect to mounting brackets, parallel arms, and shank for the opening and closing systems. Gone are the hopper support panels, large seed hopper, and granular chemical hopper. Since this means less weight on the row unit for downforce, a single 45 lb. spring was added to all Pro-Series row units. The available down force options for this new row unit are heavy-duty adjustable springs and pneumatic downforce. Now, instead of the 1.6 or 3 bushel seed hoppers, the Pro-Series unit utilizes a mini hopper that holds 1/16 of a bushel for a vacuum meter and 1/8 of a bushel for a mechanical meter. This situation helps to eliminate the uneven weight that is carried on the row unit while moving through the field.

Another new feature with the Pro-Series row unit is the new Pro-Shaft drive. It allows for a smoother drive and lower maintenance requirements. Metering systems are all the same, but vacuum meters have a different housing, which has an inspection window to verify correct meter operation. Servicing a Pro-Series row unit is very easy due to enhanced accessibility. The access to meters, openers, gauge wheels, etc., couldn’t be easier.