



What's the right kit for you?

How do you know which retrofit kit is best for your farm? Think of it as a "good, better, best" situation. Perhaps you want more than baseline ... that's why MaxEmerge 5e was designed. Or maybe you want the best ... that's ExactEmerge. Also, consider the scale of your operation. There's no wrong choice when it comes to performance, but be sure you maximize your potential.

John Deere Row Units

Find your right choice

	Good	Better	Best
Solution	MaxEmerge™ 5	MaxEmerge 5e	ExactEmerge
Electric Drive		■	■
Seed Tube	■	■	
BrushBelt™			■
Curve Compensation		■	■
Vacuum Automation		■	■
RowCommand™ (Mechanical)	■		
RowCommand (Electric)		■	■
Ind. Row Hydraulic Downforce		■	■
Active Pneumatic Downforce	■	■	■
Easy Adjust Row Cleaners		■	■
Pneumatic Closing Wheels		■	■
Liquid Fertilizer	■	■	■
Granular Insecticide	■		

Monitoring & Documentation			
SeedStar™ 2 Monitor	■		
SeedStar XP Monitor	■		
SeedStar 4HP Monitor		■	■
John Deere Connect Mobile		■	■
JDLink™ Ready		■	■

PLANTING EQUIPMENT



Graded on a curve

Curve Compensation

One of our latest advancements that is certain to score high marks among customers is **curve compensation for the ExactEmerge and MaxEmerge 5e row units**. With this feature, you can maintain target population on curved rows, from the inside row to the outside row.

Here's how it works: when planting on a curve, the inside row unit is going slower than the outside row unit. Curve compensation will allow each row to receive a signal based on the speed the row unit is moving. Once the signal is received, the meter and brush begin to turn at the correct RPM based on the ground speed of that respective row.

Now you won't get a speed mismatch across your rows when going around curves. Or, another way of saying it, your inside rows, which are going slower, won't overpopulate ... and your faster outside rows won't under-populate. By ensuring your planter delivers the correct population on turns, your seed spacing isn't affected either.

MaxEmerge[™] 5e Row Units

Next planting season stands to be positively electric

Here's a thought: let's make a row unit that offers growers more agronomic benefits, and with some of the bells, but not all of the whistles. That's MaxEmerge 5e.

With MaxEmerge 5e, plant population and seed spacing accuracy is improved by a singular electric drive that allows for greater curve performance on the outer and inner rows. This can help eliminate a potential yield loss of 1-2% that's associated with seed spacing and population inaccuracies.

Add to the fact that – thanks to the electric motor – with MaxEmerge 5e, shafts and drivelines are eliminated. You now have better access to row unit components, making planter maintenance much simpler. Essentially, you get more agronomics and less annoyance.

Let's not forget that MaxEmerge 5e comes equipped with other popular features found on ExactEmerge, like vacuum automation, SeedStar 4HP, John Deere Connect Mobile, and more.

Effective immediately

MaxEmerge 5e makes a direct impact on your yield potential the moment it hits your field, allowing you to improve population accuracy by up to 20%. Even better, with MaxEmerge 5e you can eliminate 1-2% of potential yield loss due to fewer seed spacing and population accuracies. In short, MaxEmerge 5e won't come up short in your future planting seasons.

Even out

The heavier the planter, the more likely you will get uneven weight distribution along the bar – and that can cause the “pinch row effect,” which can lead to yield loss. Frame weight distribution solves this concern by spreading the weight more evenly across the planter to lessen the weight on the center frame tires. In higher moisture soil conditions where pinched rows are more prevalent, the value of frame weight distribution is, simply stated, invaluable.

More power to you

Whether you're buying a new ExactEmerge or MaxEmerge 5e Planter, or you're purchasing either row unit as a retrofit kit for your existing planter, you'll appreciate our Tractor Power Generation. It provides electrical power for the row unit to keep your operation efficient.

How efficient? First, it's less taxing with your PTO. Consider that Tractor Power Generation saves on hydraulics, fuel, and horsepower usage. Just as impressive, it cuts down on batteries needed and the fewer the batteries, the less battery maintenance.

Vacuum automation

If you've planted before, then you know this situation. You check your vacuum levels in the morning, it's at the level you want. Perfect. Time to plant. But in the afternoon, your level is off, so you adjust it. Nighttime rolls around, your level is off again. Annoying and no longer an issue.

Vacuum automation lets you set your desired vacuum level the first time and it stays constant throughout the day. No more manual adjustments to the hydraulic flow. Instead, you get precise and continuous seed placement without having to constantly check your monitor.

