



Control down force with military precision. Win the battle for higher yields.

When you control down force, you avoid shallow-planted seeds and you avoid root compaction. Simply put, you pave the way for higher yields.

Nothing controls down force better than DeltaForce™ from Precision Planting. In every foot on every pass, in each individual row, it monitors row unit weight and ground contact, then instantly and automatically adjusts to maintain the depth you set. In a four year study, managing down force improved yield on average 8.7 bushels.* It's a simple solution to improve yields and win.

DeltaForce is available for most John Deere, CaseIH and Kinze planter models.

DeltaForce works with 20/20 SeedSense® replacing the springs or air bags on your planter. It includes hydraulic cylinders, plus a weigh pin that sends data to SeedSense which, in turn, controls the cylinders – and your down force. Add FieldView® to see high-resolution maps of down force, applied down force and ground contact on your iPad®.



*Source: Becks Practical Farm Research. 2008-2012



An investment in down force control pays. DeltaForce delivers big dividends.

Seeds flourish when planted at the right depth, in the right environment. Plants, yields and profits flourish.

If you want to produce your best possible yield, DeltaForce is your best choice.



Down force variations

This FieldView map shows the common variation that can be found between rows of a planter. Blue squares indicate there is no excess weight on a row unit, so it can be planting shallow. Red shows excess weight that can cause root compaction. Small variations in each row unit can make a big difference in the amount of force needed for accurate depth. Wheel tracks, old road beds, clay knobs, headlands and other micro-environment changes also require dramatic changes in the force needed by each row. DeltaForce takes down force management to new heights, managing micro-environments with row-by-row control to provide big dividends.

DeltaForce control

On the left side of the SplitView FieldView map, you can see how DeltaForce controls down force applied to the row unit to maintain depth and minimize weight. You can see that row-by-row and foot-by-foot, there are big changes in the amount of force applied. The right side of the map shows there is essentially no blue loss of ground contact or red excessive force. This scenario creates the perfect seed environment.