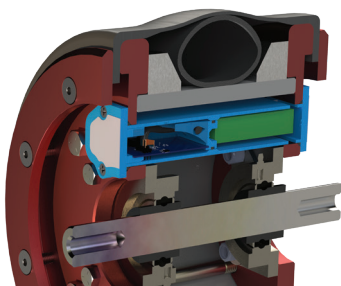**Bluefield Seeding Solutions** is a PEI company that is developing a new patented *Seed Sensing Technology.* This new technology utilizes the existing Press Wheel system, but features enhanced wheels that have the ability to sense the contact with each seed piece while they are being locked in place on the ground during planting by the press wheels. This gives the operator real time feedback of the actual seed placement on a per row basis for the most recent 200 seed placements, allowing the farmer to maximize planter performance and planting speed, no matter the conditions.

*The Seeding Data recorded is: both total and per row data for **total planted**, number of **ideal placements**, number of **less than ideal placements**, number of **misses**, and number of **doubles** on a per field basis.*
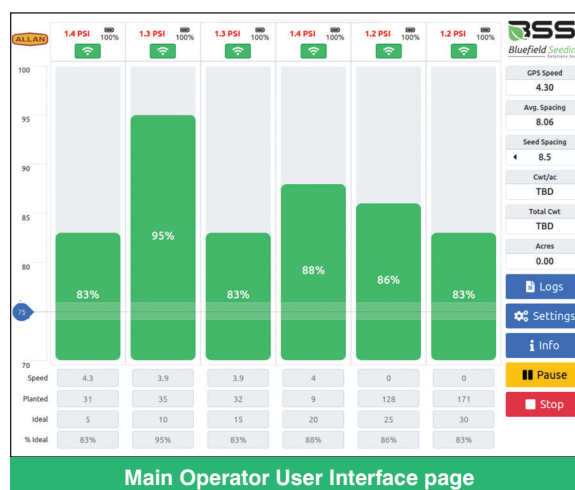
Operators will know – precisely – where every set is placed, creating the opportunity for greater efficiencies, productivity and better overall financial results throughout the field.

Field trials conducted in 2009 by Robert Coffin showed that fields with improved uniformity produced a **higher marketable yield by $82 per acre** based on the processing contract at that time. *This does not take into consideration the gain in operational efficiency from the system, the extra Growing Degree Days available to the crop, or the reduction of crop inputs needed by having the ideal footprint for each plant in the entry field.*
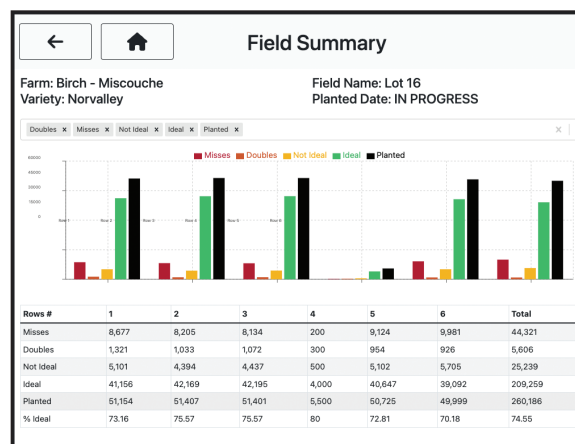
OUR SEED SENSING TECHNOLOGY WILL:

- Provide accurate measurement (within ¼ inch) of each sets' placements on the ground.
- Deliver real-time feedback of planter's actual performance, allowing operators to immediately see any degradation of planter's performance and take corrective action to maximize planter's performance & efficiency.
- Allow farm managers & owners to monitor in real time the planter's operating during the planting season remotely via BSSI's mobile app on any device.
- Automatically upload all seeding information to a secure data storage platform where farmers can access their own data at any time, from anywhere.
- Accumulate all seeding data for each field or seed lot: total planted, total seed weight, doubles, misses, less than ideal, and ideally planted seed.
- Allow for more efficient land use, minimizing each plant's foot print and enabling better use of crop inputs.
- Monitor the seeding rate (cwt/ac) in real time.
- Accurately measure average seed placing in real time.
- No more digging behind planter to evaluate performance.

User Interface in tractor cab

Main Operator User Interface page

Field Summary Report

You can't improve what you're not measuring! **Save time, save seed, save money and increase profits.**

REGISTER NOW for Next Year's Limited Release.