

# CropScan 3300H On Combine



**OPTIMIZE YIELD  
IN THE FIELD**



**OPTIMIZE  
YIELD**

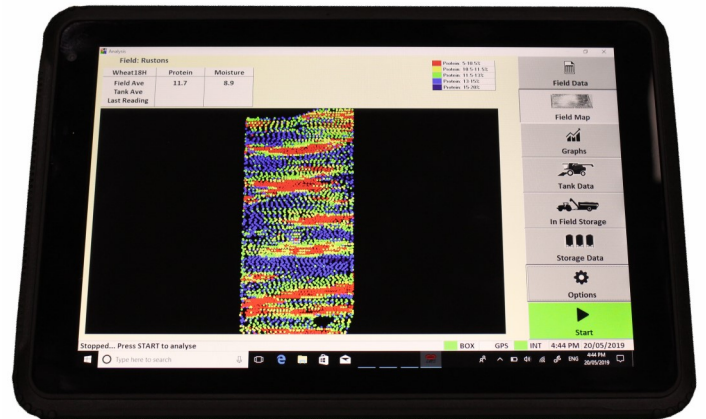
**INCREASE  
HARVEST  
EFFICIENCY**

**IMPROVE  
GRAIN  
LOGISTICS**

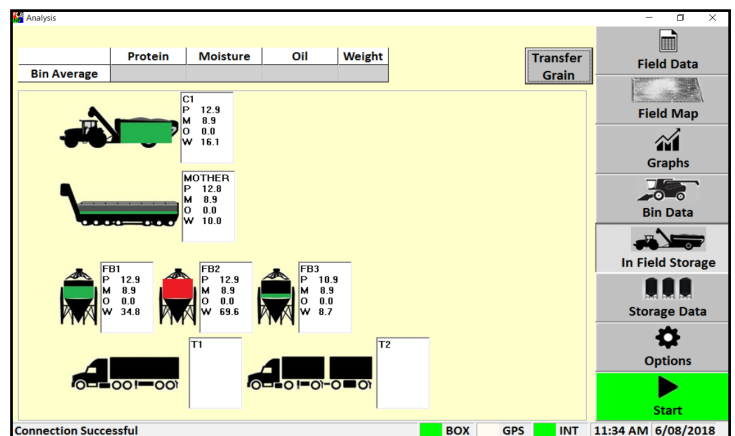
**NUTRIENT  
MANAGEMENT**

The CropScan 3300H On Combine Analyzer measures in Protein, Oil, Starch, Fibre and Moisture every 6-12 seconds as grain is harvested in the field. The CropScan 3300H includes a ruggedized NIR analyser, a Remote Sampling Head and a Touch Screen Display. The system provides farmers with

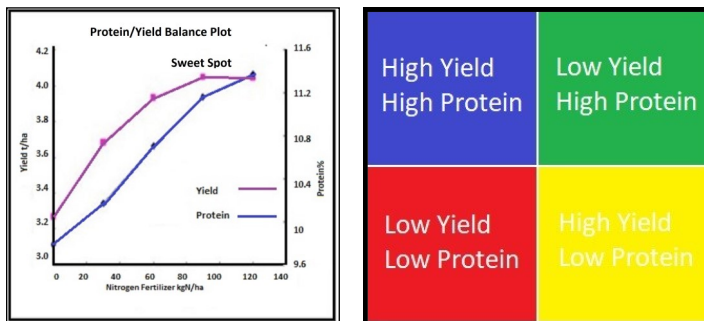
- Real-time Field Maps for Protein, Moisture and Oil.



- Segregate and store grain in the field or on farm
- Grain Logistics Software with a Blending Estimator to optimize crop payments
- Accurate Moisture Measurements. Start Earlier...Finish Later.
- Nutrient Management: Optimize the Yield in the Field.



Protein and Yield mapping provide a more complete picture of the Nitrogen Availability and Uptake in the field. Research shows that cereal crops with protein content less than 11.5% have not reached their full yield potential and that additional Nitrogen fertilization would provide a Positive Yield Response. The “Sweet Spot” is when the Protein and Yield are optimized.



### The Harvest Report Card:

Protein, Yield, Moisture and Protein/Yield Correlation Quadrant Maps act as a Harvest Report Card. Performance Zones are defined from the quantity and quality of the grain being stripped.

### Managing Nitrogen Fertilizer Applications:

Reduce risk... Find the “Sweet Spot”  
 Balance Protein and Yield across the field.  
 Reduce Fertilizer Use... Reduce Cost...

### Soil Productivity Testing:

Strategically identify zones for soil testing based on Protein/Yield Correlation Quadrants...

### VRF Equipment Investment:

Protein Maps ensure more accurate VRF prescriptions through higher resolution monitoring of the Nitrogen Availability and Uptake across the fields.



### Broden Holland– New South Wales

“Making another \$20/ha today by blending these two 100ha fields, not to mention the extra 6hrs of harvesting with moisture blending the last day and half. Best PA tool around”

### Bradon Mott—Western Australia

“Very happy with the decision to put a protein meter in the combine. Makes blending a breeze, not to mention the extra data for variable rate.”

### Steve Larocque—Alberta

“The ability to map protein and combine it with yield mapping is where the magic happens. This technology would make it that much easier to blend grain when you know what you have.”

### Jess Woods—Montana

“The CropScan did its thing. I didn’t have to baby it or monitor it. This is the next layer to manage our fields.”

### Chris Holland– New south Wales

“20 years of Yield Maps... cool but what do I do with them. 2 years of Protein Maps and it all makes sense.”

# Technical Specifications

<b>Crop Types</b>	<b>Wheat, Barley, Canola, Corn, Soybeans, Sorghum, Chick Peas and Lentils. Other grain types available on request.</b>
Parameters	Moisture, Protein, Oil, Starch and Fibre
Cycle time @ 2t/ha	8-12 Seconds per Sub Sample
Sample size	500ml
Power requirements	12VDC
Analysis principle	Near Infrared Transmission, Diode Array Optical System
Wavelength range	720-1100 nm
Calibration	PLS (Partial Least Squares)
Shipping Size (W x D x H)	255 X 250 X 120mm
Weight	22kg or 48.5lbs
Display	10.4" Touch Screen, WOS, USB, WIFI and Bluetooth
Combine Harvester Types	John Deere, CaseIH, New Holland, Claas and AGCO
GPS Receiver	Not Supplied—cable harness supports manufacture receiver
Installation Time	6-8 hrs

## Components



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