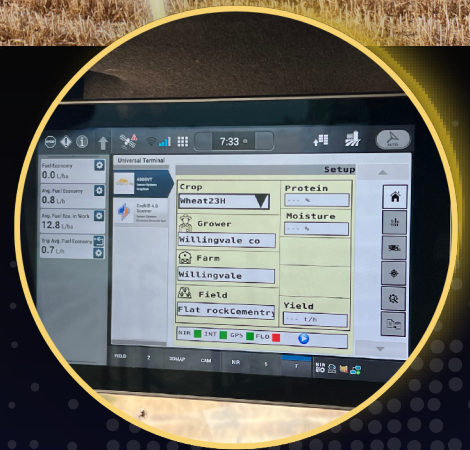


MAXIMISE NITROGEN EFFICIENCY WITH **REAL-TIME PROTEIN** MAPPING

MEASURE • ANALYSE • APPLY




CropScan
4000VT

**ON COMBINE NIR GRAIN ANALYSER
WITH ISOBUS INTEGRATION**



Designed for **ISOBUS** INTEGRATION



NEW HIGH-SPEED **SAMPLE HEAD**

Delivers accurate, high-resolution protein, oil, moisture and yield mapping — every pass, every field.



PROVEN TECHNOLOGY. **REAL RESULTS.**



TRUE TRANSMISSION NIR

The global grain trading standard — delivering more accurate and stable results than reflectance-based sensors



MACHINE INTEGRATION (ISOBUS)

Automatically detects crop type and machine status (e.g. separator engagement) for fully automated data capture for:
New Holland CR7.90/8.90/9.90 CR10/11 Combines.



LIVE DATA & MAPPING

View in real-time:

- ✓ Protein, Moisture, Oil Field Maps
- ✓ Grain tank & field average
- ✓ Mapping & Grain Storage Logistics in N-GAUGE App



HIGH-FREQUENCY SAMPLING

Measurements every 3–4 seconds, creating high-resolution protein and moisture maps across the entire field.



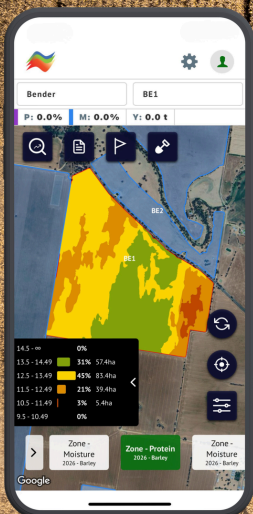
MULTI-CROP CALIBRATIONS

Wheat, Barley, Canola, Oats, Lentils, Corn, Soybeans & more.



4G LTE INCLUDED

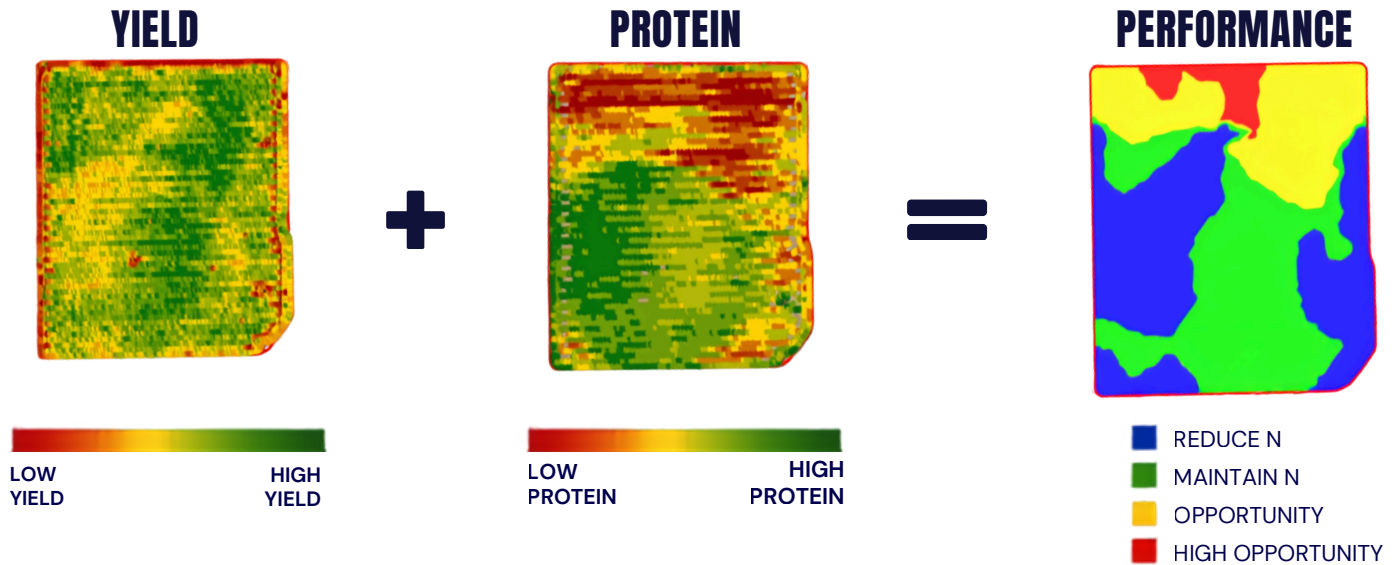
Includes 5 years of LTE connectivity



PROTEIN AND NITROGEN ARE DIRECTLY LINKED. Since protein contains about 17% nitrogen, measuring grain protein provides the best indication of a crop's nitrogen status.

WHY PROTEIN MATTERS

Protein and yield mapping provides a complete picture of nitrogen performance across each field, enabling more accurate variable-rate fertiliser prescriptions.



TURN DATA INTO NITROGEN MANAGEMENT ACTION



BLUE ZONES REDUCE N

Lower yields with higher protein indicate nitrogen wasn't limiting yield.



GREEN ZONES MAINTAIN N

Balanced yield and protein levels show nitrogen is optimised.



YELLOW/RED ZONES INCREASE N

Higher yields with lower protein indicate nitrogen may be limiting yield and quality.



ADDITIONAL YIELD
(YELLOW ZONE)
+ 0.5 t/ha



GRAIN
PRICE
\$330/t



GROSS RETURN
(YELLOW ZONE)
\$1750

\$30/ha
NET RETURN INDEXED
ACROSS FIELD



SEE WHY YIELDS VARY. APPLY NITROGEN WHERE IT CREATES VALUE.

THE BENEFITS



NITROGEN MANAGEMENT

Protein and Yield data provide a more complete picture of Nitrogen Availability and Uptake across the field.



HARVEST EFFICIENCY

Improve harvest efficiency by harvesting for more hours each day with accurate moisture readings.



GRAIN LOGISTICS

Optimise grain marketing and blending decisions using real-time protein measurement. The N-GAUGE Grain Logistics App enables farmers to manage grain from the field to the silo.

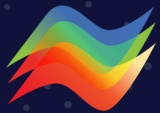


SUSTAINABILITY

Reduce over-application of nitrogen and improve input efficiency, supporting both profitability and environmental outcomes.

PROTEIN → PRESCRIPTION

Turn real-time grain protein data
into precise nitrogen decisions.



N-GAUGE NUTRIENT MANAGER

1-Year Subscription Included



6 NEXT HARVEST

Measure Results,
Validate
Decisions, Refine
Strategy

5 SEND TO FieldOps

Transfer
Prescription to
FieldOps Account



1 HARVEST

Capture Yield
and Protein Data

2 REVIEW DATA WITH N-GAUGE

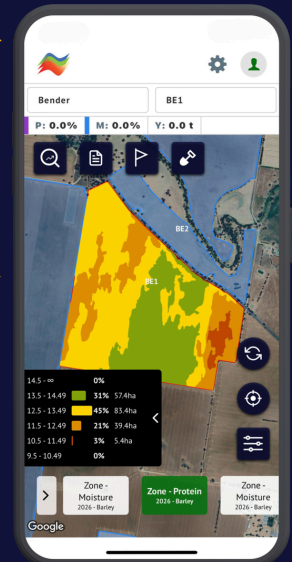
Analyse Protein
and Yield Maps
Identify
Opportunity
Zones

3 VALIDATE WITH SOIL TESTING

Deep N Testing
Ground Truth
Agronomist
Input

4 BUILD PRESCRIPTION

Create Variable
Rate Nitrogen Plan



START YOUR
NITROGEN
OPTIMISATION
JOURNEY



READ THE ROI
NITROGEN
MANAGEMENT
CASE STUDY



MEASURE



ANALYSE



APPLY



U16/16 Bernera Rd, Prestons,
NSW, 2170 Australia



cropsanag.com



sales@cropsanag.com