



For more information
trouwnutrition.co.uk/as

NutriOpt is a brand of Trouw Nutrition, a Nutreco company.

Trouw Nutrition is a global leader in innovative feed specialities, premixes and technical services for animal nutrition. Quality, innovation and sustainability are the guiding principles behind everything we do – from research and raw material procurement, to the delivery of cutting-edge products and services for agriculture.

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Analytical Services

Here to help your business

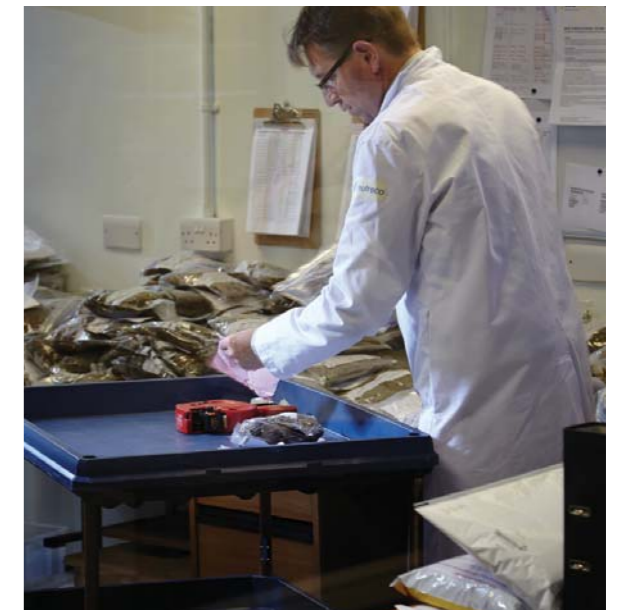


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N.I.R.S. (Near-Infrared Reflectance Spectroscopy)

- Largest UK forage laboratory
- 3 NIR Spectrometers
- We analyse as received: maize silage, grass silage, wholecrops and legumes
 - All same day turnaround time (upon receipt of sample), unless the sample requires confirmatory analysis which is undertaken at no extra cost
 - Provides reps and farmers with a nutritional report
 - CSV file available
- Fresh grass is also analysed in TNGB laboratory – up to 200 samples can be analysed per day
- Provides customers and farmers with either Pre-cut report, Standard Grazing report or Milk Yield From Grazing report
- Over 122,000 NIR scans performed in 2018



Overview of Analytical Services

Trouw Nutrition's Analytical Services laboratory at Ashbourne has 17 dedicated professionals to ensure consistency of analysis.

Analysis can be carried out on forages and feeding stuffs, raw materials and finished products. We offer:

- Wet chemistry
- Minerals
- Vitamins
- Enzymes
- NIR



Our laboratory is ISO/IEC 17025 accredited. For full scope please see our website or contact our laboratory.

Why choose Trouw Nutrition for quality forage analysis?

We focus on your needs:

- Accurate determination of nutrients
- Rapid, next working day turnaround of results
- Samples stored frozen for one week for recheck
- Standardised methodology and training
- NIR calibration maintenance (in line with wet chemistry results)
- FAA ring tests
- Reference check for five other laboratories



In our annual Customer Satisfaction Survey, our customers scored the Trouw Nutrition Analytical Services department 8.57 out of 10. We are constantly working to ensure we give you the best service in the industry.

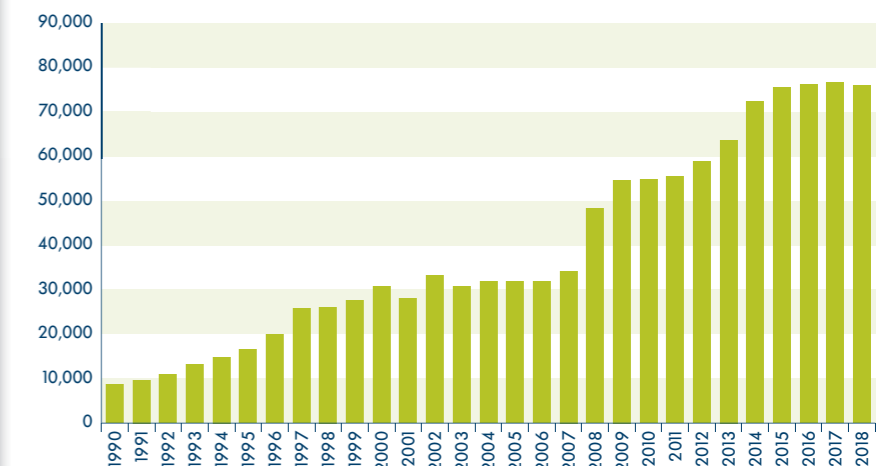
Forage Analysis Report			
Farm: Reference, Material Type: FRESH GRASS, Variety, Address, Date Received, Lab Report No. 20/01/28			
Analysis (Dry Matter)			
Dry Matter	%	22.2	Low
Crude Protein	%	18.1	High
Sugars	%	38.8	High
Free Nitrates - Fresh	%	12.7	High
Goal: Suitable for cutting	mg/kg	2000	High

These results and advice relate to only this sample and may not represent the total crop. Ultimate silage quality.

Forage Analysis Report			
Farm: Reference, Material Type: FRESH GRASS, Variety, Address, Date Received, Lab Report No. 30/01/28			
Analysis (Dry Matter)			
Dry Matter	%	22.2	Low
Crude Protein	%	19.5	High
ME	MJ/kg	12.1	High
Sugars	%	9.6	High
NDF	%	43.7	High
ADF	%	19.3	High
Oil A	%	4.9	High
Performance Prediction			
Grass DM Intake	kg/day	12.1	High
Grass FM Intake	kg/day	54.5	High
Milk Yield from Grazing	litre/day	13.3	High
Butterfat Factors			
Rapid Form. Carbs (RFC)	g/kg	173.1	High
Acid Load	37.3	High	
Fibre Index	188.9	High	
RUFAL	g/kg	16.9	High
Rumen Protein Energy Balance			
NFEPE	g/kg	43.0	High
NFEPE Intake from Grass	g/day	524.1	High
Milk Urea Prediction	%	0.028	High
No. of Results	20/0	Total Gross Weight	170.00g
		Moisture	1200.00g

Comments

TNGB forage analysis 1990-2018



We have analysed over 70,000 forage samples per annum for the last 5 years.