Department of Primary Industries and Regional Development

LABORATORY REPORT

AgEnviro Labs

DATE OF ISSUE:	**16/11/26**	**REPORT NO:**	**R26-02286(1)-[R00]**
DATE RECEIVED:	10/11/2026	**SAMPLES RECEIVED:**	1X OATEN HAY, 1X BARLEY HAY
TEST SERVICE:	**FEED QUALITY**	**LABORATORY REF:**	R26-02286
JOB MANAGER:	RICHARD MEYER	**PURCHASE ORDER:**	

SUBMITTER:		**COMPANY:**
ADDRESS:	NYNGAN	NSW , 2825 AUSTRALIA

PIC:

SUBMITTED ON BEHALF OF:

METHOD ID	ANALYSIS METHOD
Reuter & Robinson 2.E.3; 2.E.4	Dry & Grind inc Dry Matter & Moisture
LMOP_2-1129	Forage Quality Parameters by NIR
LMOP_2-1124	Calculation of Metabolisable Energy
AFIA GRADING	*AFIA Hay & Silage Grade

***NATA Accreditation does not cover the performances of this service**

Results Finalised By:

Richard Meyer

Richard Meyer
Feed Chemist

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DATE OF ISSUE: 16/11/26 **REPORT NO:** R26-02286(1)-[R00]

ANALYSIS RESULTS

Dry & Grind inc Dry Matter & Moisture	LOR	UNITS	1 Back Irrigation
Dry Matter (DM)	0.5	%	91.5
Moisture	0.5	%	8.5

Approved by:

Richard Meyer
Feed Chemist

Standard Forage Package - NIR	LOR	UNITS	1 Back Irrigation
Neutral Detergent Fibre (NDF) - NIR	10	%	61.1
Acid Detergent Fibre (ADF) - NIR	4.0	%	32.7
Crude Protein (CP) - NIR	2	%	9.4
Inorganic Ash - NIR	3.0	%	8.0
Organic Matter (OM) - NIR		%	92.0
Dry Matter Digestibility (DMD) - NIR	39	%	58.6
DOMD - NIR	38	%	56.5
Calculation of Ruminant ME - NIR	4.3	MJ/kg DM	8.5
Water Soluble Carbohydrates (WSC) - NIR	4	%	<4.0

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Standard Forage Package - NIR	LOR	UNITS	1 Back Irrigation
AFIA Hay and Silage Grade			B1-C2

Approved by:

Richard Meyer
Feed Chemist

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ATTACHMENTS

R26-02286_AUTHORISED_SUBMISSION_FORM_2026-11-10_133615.pdf, 1_FQS_Information_Attachment.pdf, R26-02286_SUMMARY_V1.xlsx

LABORATORY COMMENTS

All analyses were conducted in a period between 10/11/2026 and 16/11/26.

This report R26-02286(1)-[R00] is version 00, 16/11/26 and replaces any previous report related to R26-02286.

NOTE

I. AFIA Grading is calculated using the 95% coverage probability for the expanded uncertainty of the measurement of results for crude protein (CP) and metabolisable energy (ME). Where there is sufficient doubt that a test sample has complied with a particular grade, then a range of grades are quoted to ensure sufficient accuracy in the reporting.
II. All results are reported on a dry matter basis unless otherwise stated. All units of % are g/100g equivalent.
III. The results apply to the samples as provided to the laboratory.
IV. LOR = Limit of Reporting, the minimum quantity that can be reported with confidence.
V. Information supplied by the submitter may be transcribed from the Submission Form attached to this report. Validity of results is dependent on supplied information being correct.
VI. The laboratory report shall not be reproduced except in full without approval of the laboratory