

## PERFORMANCE-BASED NATIONAL FODDER GRADES

The need for a common fodder description “language” or grading system has been achieved and is based on objective measurements. These grades relate fodder quality (hay & silage) to livestock performance. These allow both buyer and seller to instantly recognise quality by means of a simple alphanumeric code. The grade can appear on fodder analysis reports and on the Vendor Declaration Forms.

### AFIA GRADES FOR LEGUME AND PASTURE HAY & SILAGE

DMD%	ME MJ/kg	CRUDE PROTEIN %			
		> 19	14-19	8-13.9	<8
>66	>9.5	A1	A2	A3	A4
60-66	8.6 - 9.5	B1	B2	B3	B4
53-59.9	7.5 - 8.6	C1	C2	C3	C4
<53	<7.5	D1	D2	D3	D4

### AFIA GRADES FOR CEREAL HAY & SILAGE

DMD%	ME MJ/kg	CRUDE PROTEIN %			
		> 10	8-10	4-7.9	<4
>66	>9.5	A1	A2	A3	A4
60-66	8.6 - 9.5	B1	B2	B3	B4
53-59.9	7.5 - 8.6	C1	C2	C3	C4
<53	<7.5	D1	D2	D3	D4

#### **ME (MJ/kg DM)**

Metabolisable energy megajoules per kilogram of DM

#### **DMD (%)**

Dry matter digestibility

#### **CP (% of DM)**

Crude protein, % of DM

#### **DM**

Dry Matter

Hence if a mixed grass-clover hay had a CP content of 12.2%, a DMD of 62.9% and an ME of 9.0MJ/kg, it would have a 'B3' grade.