

**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS
OF HAY SAMPLES FROM THE 2010/2011 SEASON.
(Source FEEDTEST 14 Sep 10 – 30 June 11)**

Description	No. of Samples		Crude Protein CP (%)	Dry Matter Digestibility DMD (%)	Metabolisable Energy ME (MJ/kg DM)	Neutral Detergent Fibre NDF (%)
Hay, Legume	1548	Mean Range	19.1 2.9 – 28.4	61.0 28.2 – 80.2	8.9 4.1 – 12.2	48.3 28.5 – 74.4
Hay, Legume/Grass (Legume dominant)	82	Mean Range	15.0 5.1 – 23.2	59.7 37.4 – 71.4	8.6 4.8 – 10.7	52.9 30.0 – 71.7
Hay, Grass/Legume (Grass dominant)	141	Mean Range	10.1 2.2 – 20.2	56.8 37.5 – 73.6	8.2 4.8 – 11.0	62.2 39.1 – 82.9
Hay, Grass	317	Mean Range	9.4 2.2 – 27.4	55.7 34.9 – 79.0	8.0 4.4 – 12.0	63.8 34.5 – 84.4
Hay, Cereal	588	Mean Range	6.1 2.5 – 16.6	57.5 29.2- 86.8	8.3 3.4 – 11.5	60.6 33.1 – 83.4
Hay, Cereal/Legume	99	Mean Range	12.7 5.2 – 23.9	56.9 33.1 – 71.0	8.2 4.1 – 10.6	58.5 41.4 – 78.5

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**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS
OF SILAGE SAMPLES FROM THE 2010/2011 SEASON.**

(Source FEEDTEST 14 Sep 10 – 30 June 11)

Description	No. of Samples		Dry Matter DM (%)	Crude Protein CP (%)	Dry Matter Digestibility DMD (%)	Metabolisable Energy ME (MJ/kg DM)	Neutral Detergent Fibre NDF (%)
Silage, Legume	143	Mean Range	58.0 23.0 – 82.9	20.7 9.8 – 31.7	65.5 45.6 – 86.4	9.9 7.3 – 13.2	43.2 22.5 – 63.1
Silage, Legume/Grass (Legume dominant)	41	Mean Range	50.2 34.1 – 77.9	14.6 8.6 – 23.2	67.5 49.5 – 78.8	10.2 7.8 – 11.9	47.7 33.6 – 58.5
Silage, Grass/Legume (Grass dominant)	119	Mean Range	41.1 21.5 – 78.7	12.4 5.3 – 22.0	65.9 54.4 – 78.3	10.0 7.9 – 11.8	55.4 25.5 – 69.2
Silage, Grass	407	Mean Range	46.5 19.7 – 79.4	13.0 4.3 – 29.0	66.8 45.3 – 81.6	10.1 6.3 – 12.2	54.0 27.4 – 74.4
Silage, Maize	70	Mean Range	36.7 23.7 – 58.5	7.2 4.0 – 10.9	72.2 49.3 – 87.0	10.9 6.9 – 12.9	46.7 31.6 – 64.1
Silage, Cereal	126	Mean Range	45.3 18.8 – 83.0	10.0 4.4 – 22.0	61.1 38.6 – 75.6	9.3 6.3 – 11.4	59.0 37.8 – 84.1

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**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS
OF GRAIN SAMPLES FROM THE 2010/2011 SEASON**
(Source FEEDTEST 14 Sep 10 – 30 June 11)

Description	No. of Samples		Density (kgs per hectolitre)	Crude Protein CP (%) (N x 6.25)	Dry Matter Digestibility DMD (%)	Metabolisable Energy ME (MJ/kg DM)	Acid Detergent Fibre (%)
Oats	117	Mean Range	48.5 28.4 – 78.4	11.0 5.7 – 15.3	71.3 55.7 – 85.7	12.3 10.0 – 14.8	15.9 3.4 – 25.0
Barley	302	Mean Range	61.9 30.3 – 84.8	10.6 7.1 – 16.5	85.2 78.7 – 89.9	13.0 12.1 - 13.6	5.9 3.1 – 9.7
Wheat	277	Mean Range	67.8 39.5 – 87.3	13.3 9.5– 19.9	88.9 82.8 – 93.6	13.5 12.7 – 14.1	3.5 2.0 – 6.5
Triticale	58	Mean Range	63.6 56.5 – 74.7	12.4 8.1 – 18.0	87.7 85.7 – 89.8	13.3 13.1 - 13.6	3.8 2.8 – 4.8
Lupins	32	Mean Range		32.4 27.7 – 47.6	86.2 81.7 – 93.1	14.5 13.7 – 16.6	

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**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS
ON CEREAL HAY SAMPLES FROM THE 2010/2011 SEASON.
(Source FEEDTEST 14 Sep 10 – 30 June 11)**

Description	No. of samples		Crude Protein CP (%)	Dry Matter Digestibility DMD (%)	Metabolisable Energy ME (MJ/kg DM)	Neutral Detergent Fibre NDF (%)
Hay, Barley	<30	Mean Range	Insufficient Data			
Hay, Oaten	507	Mean Range	5.8 1.9 – 17.6	57.2 27.6 – 88.4	8.2 3.1 – 11.5	60.5 30.8 – 84.5
Hay, Triticale	<30	Mean Range	Insufficient Data			
Hay, Wheaten	46	Mean Range	8.4 3.5 – 14.6	58.6 38.2 – 73.7	8.5 5.0 – 11.1	59.5 47.6 – 74.1
Hay, Cereal/Pasture	42	Mean Range	5.8 2.0 – 11.9	56.8 39.9 – 70.0	8.2 5.3 – 10.4	63.3 40.4 – 80.8

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**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS
ON LEGUME HAY SAMPLES FROM THE 2010/2011 SEASON.**

(Source FEEDTEST 14 Sep 10 – 30 June 11)

Description	No. of Samples		Crude Protein CP (%)	Dry Matter Digestibility DMD (%)	Metabolisable Energy ME (MJ/kg DM)	Neutral Detergent Fibre NDF (%)
Hay, Lucerne	676	Mean Range	19.6 5.5 – 29.6	62.5 37.9 – 79.0	9.1 4.9 – 12.0	45.0 27.1 – 72.8
Hay, Clover (unspecified)	136	Mean Range	15.9 4.1 – 25.4	61.3 28.2 – 75.7	8.9 3.2 – 11.4	48.7 32.6 – 72.3
Hay, Medic	72	Mean Range	19.3 8.8 – 24.6	62.4 46.7 – 75.6	9.1 6.4 – 11.4	46.4 30.9 – 64.4
Hay, Vetch	549	Mean Range	19.5 7.3 – 28.4	59.4 37.8 – 85.2	8.6 4.9 – 13.0	52.2 28.5 – 67.4

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