

**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS
OF HAY SAMPLES FROM THE 2007/2008 SEASON.
(Source FEEDTEST 1 Aug 07 – 31 May 08)**

Description	No. of Samples		Crude Protein CP (%)	Dry Matter Digestibility DMD (%)	Metabolisable Energy ME (MJ/kg DM)	Neutral Detergent Fibre NDF (%)
Hay, Legume	1254	Mean Range	19.3 14.9 – 29.1	65.8 49.4 – 85.3	9.7 6.9 – 13.1	41.7 32.9 – 68.6
Hay, Legume/Grass (Legume dominant)	305	Mean Range	14.9 3.7 – 24.9	62.8 31.7 – 83.2	9.2 2.3 – 12.7	51.3 28.4 – 74.8
Hay, Grass/Legume (Grass dominant)	1051	Mean Range	10.9 2.5 – 26.9	58.8 34.3 – 82.3	8.5 4.0 – 12.5	58.6 30.2 – 82.1
Hay, Grass	219	Mean Range	9.2 2.3 – 18.0	59.2 43.0 – 79.8	8.6 5.8 – 12.1	61.22 38.3 – 80.6
Hay, Cereal	4770	Mean Range	8.9 1.4 – 23.2	66.2 32.0 – 84.5	9.8 3.9 – 12.9	52.5 33.8 – 79.9
Hay, Cereal/Legume	281	Mean Range	11.0 3.0 – 22.3	63.8 43.0 – 81.1	9.4 5.8 – 12.3	52.2 32.6 – 70.3

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**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS
OF SILAGE SAMPLES FROM THE 2007/2008 SEASON.
(Source FEEDTEST 1 Aug 07 – 31 May 08)**

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	177	Mean Range	52.9 26.7 – 82.0	20.0 9.3 – 28.2	67.0 47.1 – 81.9	10.2 7.5 - 12.2	38.9 25.7 – 63.2
Silage, Legume/Grass (Legume dominant)	95	Mean Range	50.5 21.7 –87.1	16.0 3.2 – 24.0	67.2 46.4 – 84.6	10.2 6.2 – 12.6	44.4 25.4 – 72.4
Silage, Grass/Legume (Grass dominant)	616	Mean Range	46.2 20.5 – 84.0	14.2 5.3 – 26.1	67.8 41.8 – 84.3	10.3 4.3 – 12.5	51.0 30.9 – 78.6
Silage, Grass	268	Mean Range	46.2 18.2 – 77.5	14.1 6.1 – 25.5	68.3 45.6 – 83.9	10.4 7.3 – 12.5	52.2 30.3 – 78.9
Silage, Maize	36	Mean Range	36.5 20.6 – 74.1	8.8 5.6 – 17.1	72.3 49.8 – 84.3	10.9 7.8 – 12.5	45.7 25.5 – 64.8
Silage, Cereal	333	Mean Range	49.7 16.3 – 87.6	12.4 5.6 – 25.6	68.9 44.3 – 83.8	10.4 7.1 - 12.4	49.5 34.1 – 77.9

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**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS
OF GRAIN SAMPLES FROM THE 2007/2008 SEASON
(Source FEEDTEST 1 Aug 07 – 31 May 08)**

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)
Oats	239	Mean Range	49.7 31.9 – 59.0	10.7 5.9 – 17.2	68.4 55.4 – 78.3	12.0 10.2 – 13.7
Barley	294	Mean Range	62.7 38.4 – 71.8	12.1 8.2 – 21.7	83.2 72.4 – 87.2	12.7 11.3 - 13.3
Wheat	216	Mean Range	77.7 66.1 – 83.7	14.6 7.9– 24.4	88.1 77.8 – 92.5	13.4 12.0 – 14.0
Triticale	80	Mean Range	66.9 49.02 – 77.6	13.5 8.3 – 21.2	85.0 75.2 – 89.6	13.0 11.7 - 13.6
Lupins	31	Mean Range		30.4 25.8 – 33.0	86.0 81.8 – 89.5	14.3 13.6 – 15.0

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**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS
ON CEREAL HAY SAMPLES FROM THE 2007/2008 SEASON.**

(Source FEEDTEST 1 Aug 07 – 31 May 08)

Description	No. of samples		Crude Protein CP (%)	Dry Matter Digestibility DMD (%)	Metabolisable Energy ME (MJ/kg DM)	Neutral Detergent Fibre NDF (%)
Hay, Barley	247	Mean Range	10.4 3.7 – 20.1	72.4 50.7 – 84.1	10.9 7.1 – 12.8	48.3 39.2 – 78.0
Hay, Oaten	2124	Mean Range	8.2 1.4 – 23.2	64.5 37.6 – 84.5	9.5 4.9 – 12.9	53.7 35.2 – 78.4
Hay, Triticale	144	Mean Range	9.1 3.8 – 17.3	65.6 46.7 – 82.0	9.7 6.4 – 12.5	53.4 40.8 – 72.6
Hay, Wheaten	1088	Mean Range	10.4 2.1 – 21.1	69.0 46.4 – 82.7	10.3 6.4 – 12.6	49.8 37.3 – 70.3
Hay, Cereal/Pasture	147	Mean Range	8.7 2.7 – 21.8	64.4 46.7 – 81.8	9.5 6.4 – 12.5	55.4 37.7 – 71.9

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**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS
ON CANOLA HAY & SILAGE SAMPLES FROM THE 2007/2008 SEASON.**

(Source FEEDTEST 1 Aug 07 – 31 May 08)

Description	No. of Samples		Dry Matter DM (%)	Crude Protein CP (%)	Dry Matter Digestibility DMD (%)	Metabolisable Energy ME (MJ/kg DM)	Neutral Detergent Fibre NDF (%)
Hay, Canola	708	Mean Range		15.1 5.9 – 27.7	64.5 31.9 – 85.3	9.5 3.9 – 13.1	41.1 21.7 – 69.1
Silage, Canola	135	Mean Range	47.2 22.8 – 88.1	17.9 8.8 – 33.4	67.3 42.9 – 83.6	10.2 6.9 - 12.4	38.0 23.4 – 58.7

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**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS
ON LEGUME HAY SAMPLES FROM THE 2007/2008 SEASON.**

(Source FEEDTEST 1 Aug 07 – 31 May 08)

Description	No. of Samples		Crude Protein CP (%)	Dry Matter Digestibility DMD (%)	Metabolisable Energy ME (MJ/kg DM)	Neutral Detergent Fibre NDF (%)
Hay, Lucerne	687	Mean Range	19.9 10.5 – 27.3	64.0 42.4 – 82.1	9.4 5.7 - 12.5	41.4 27.5 – 62.8
Hay, Clover (unspecified)	90	Mean Range	18.7 7.0 – 29.1	64.1 48.4 – 80.8	9.4 6.7 – 12.3	45.8 25.2 – 64.6
Hay, Balansa Clover	27	Mean Range	15.9 8.5 – 20.0	63.1 50.8 – 75.5	9.2 7.1 – 11.4	47.9 28.4 - 61.7
Hay, Medic	54	Mean Range	21.2 12.0 – 26.5	73.9 56.6 – 83.9	11.1 8.1 – 12.8	37.1 28.6 – 52.2
Hay, Vetch	249	Mean Range	19.8 8.9 – 28.7	69.0 44.8 – 85.3	10.2 3.8 – 13.1	41.6 29.5 – 60.9

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