

**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS
OF HAY SAMPLES FROM THE 2006/2007 SEASON.
(Source FEEDTEST 1 Aug 06 - 31 May 07)**

Description	No. of Samples		Crude Protein CP (%)	Dry Matter Digestibility DMD (%)	Metabolisable Energy ME (MJ/kg DM)	Neutral Detergent Fibre NDF (%)
Hay, Legume	626	Mean Range	19.1 6.3 – 30.1	68.6 43.9 – 86.0	10.2 5.9 – 13.2	41.3 27.3 – 66.7
Hay, Legume/Grass (Legume dominant)	137	Mean Range	14.3 4.3 – 25.5	67.4 42.7 – 84.6	10.0 5.7 – 12.9	48.9 29.9 – 76.2
Hay, Grass/Legume (Grass dominant)	499	Mean Range	11.9 2.3 - 24.5	64.9 31.6 – 84.5	9.5 3.8 - 12.9	56.8 29.8 – 81.2
Hay, Grass	108	Mean Range	9.1 2.0 – 18.9	62.2 42.0 – 81.4	9.1 5.6 – 12.4	61.3 36.3 – 81.6
Hay, Cereal	2783	Mean Range	9.2 1.8 – 22.1	68.4 34.3 – 84.5	10.1 4.3 – 12.9	51.8 30.2 – 85.1
Hay, Cereal/Legume	75	Mean Range	10.9 4.7 - 19.8	66.5 41.3 – 85.5	9.8 5.5 – 13.1	51.6 29.5 – 75.3

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**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS
OF SILAGE SAMPLES FROM THE 2006/2007 SEASON.**

(Source FEEDTEST 1 Aug 06 - 31 May 07)

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	86	Mean Range	51.0 22.8 – 84.7	19.5 6.9 – 28.8	68.8 45.9 – 80.4	10.3 6.4 - 12.0	40.3 24.2 – 63.6
Silage, Legume/Grass (Legume dominant)	79	Mean Range	47.9 18.8 – 81.4	15.8 6.7 – 27.7	69.7 46.2 – 81.8	10.5 5.6 - 12.2	46.2 29.2 – 74.3
Silage, Grass/Legume (Grass dominant)	581	Mean Range	45.5 18.2 – 82.1	15.6 4.5 – 26.5	70.9 38.9 – 84.7	10.7 6.4 - 12.6	51.6 31.5 – 82.8
Silage, Grass	217	Mean Range	44.9 18.3 – 81.1	16.7 5.6 – 25.4	72.9 46.5 – 84.1	11.0 7.4 – 12.5	49.5 35.7 – 78.5
Silage, Maize	128	Mean Range	32.2 19.1 – 64.2	7.4 4.8 – 9.9	69.8 37.7 – 84.4	10.4 6.5 - 12.9	45.5 23.0 – 75.3
Silage, Cereal	238	Mean Range	48.0 18.5 – 89.5	12.7 3.7 – 23.2	68.1 30.9 – 84.3	10.3 5.3 - 12.5	53.4 29.9 – 77.7

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**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS
OF GRAIN SAMPLES FROM THE 2006/2007 SEASON
(Source FEEDTEST 1 Aug 06 - 31 May 07)**

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	182	Mean Range	48.5 27.1 - 58.7	11.6 6.5 - 16.4	70.6 61.9 - 87.3	12.2 10.4 - 15.2
Barley	586	Mean Range	65.8 37.9 - 83.4	13.5 6.9 - 21.0	84.1 73.0 - 88.1	12.9 11.4 - 13.4
Wheat	308	Mean Range	77.0 46.0 - 84.8	15.5 9.7 - 26.4	89.0 69.7 - 92.1	13.5 10.9 - 14.7
Triticale	67	Mean Range	67.5 61.0 - 77.3	13.1 7.9 - 19.4	88.1 83.2 - 90.3	13.4 12.7 - 13.7
Lupins	57	Mean Range		31.3 25.4 - 40.9	86.4 78.3 - 90.2	14.3 13.1 - 14.9

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**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS
ON CEREAL HAY SAMPLES FROM THE 2006/2007 SEASON.**

(Source FEEDTEST 1 Aug 06 - 31 May 07)

Description	No. of samples		Crude Protein CP (%)	Dry Matter Digestibility DMD (%)	Metabolisable Energy ME (MJ/kg DM)	Neutral Detergent Fibre NDF (%)
Hay, Barley	177	Mean Range	9.5 2.5 – 15.9	71.6 46.8 – 83.8	10.7 6.4 – 12.8	50.2 37.4 – 79.2
Hay, Oaten	966	Mean Range	8.8 2.2 – 16.6	68.5 44.0 – 84.5	10.2 6.0 – 12.9	51.6 40.0 – 77.8
Hay, Triticale	103	Mean Range	9.8 5.1 – 14.8	68.6 55.8 – 78.0	10.2 8.0 - 11.8	52.8 38.0 – 68.0
Hay, Wheaten	560	Mean Range	10.5 3.1 – 18.6	69.4 43.1 – 81.2	10.3 5.8 – 12.3	51.2 39.4 – 79.0
Hay, Cereal/Pasture	53	Mean Range	8.4 2.2 – 17.8	63.9 39.1 – 76.9	9.4 5.1 - 11.6	56.4 40.0 – 71.3

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**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS
ON CANOLA HAY & SILAGE SAMPLES FROM THE 2006/2007 SEASON.**

(Source FEEDTEST 1 Aug 06 - 31 May 07)

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	579	Mean Range		15.9 4.0 – 27.2	66.4 33.0 – 85.3	9.8 4.1 – 13.1	41.3 25.4 – 77.8
Silage, Canola	219	Mean Range	49.0 23.2 – 78.9	17.7 7.3 – 28.4	65.2 42.0 – 81.7	9.9 6.8 - 12.4	42.5 25.6 – 67.0

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**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS
ON LEGUME HAY SAMPLES FROM THE 2006/2007 SEASON.**

(Source FEEDTEST 1 Aug 06 - 31 May 07)

Description	No. of Samples		Crude Protein CP (%)	Dry Matter Digestibility DMD (%)	Metabolisable Energy ME (MJ/kg DM)	Neutral Detergent Fibre NDF (%)
Hay, Lucerne	376	Mean Range	20.8 11.1 – 30.1	68.0 45.3 – 79.9	10.1 6.2 - 12.1	41.0 27.3 – 61.6
Hay, Clover (unspecified)	33	Mean Range	16.7 8.9 – 26.6	71.0 45.6 – 83.1	10.6 6.2 – 12.7	41.3 28.0 – 64.7
Hay, Vetch	74	Mean Range	18.6 8.5 – 24.5	70.0 44.5 – 82.5	10.4 6.0 - 12.6	42.1 29.0 - 66.6

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