TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS OF HAY SAMPLES FROM THE 2012/2013 SEASON.

(Source FEEDTEST 14 Sep 12 – 30 April 13)

Description	No. of Samples		Crude Protein CP (%)	Dry Matter Digestibility DMD (%)	Metabolisable Energy ME (MJ/kg DM)	Neutral Detergent Fibre NDF (%)
Hay, Legume	936	Mean Range	19.6 5.4 – 28.9	69.3 43.6 – 77.8	10.3 6.5 – 12.8	41.1 27.8 – 69.0
Hay, Legume/Grass (Legume dominant)	83	Mean Range	15.1 4.9 – 22.7	70.2 44.2 – 78.5	10.5 6.0 – 11.9	44.5 35.0 – 66.5
Hay, Grass/Legume (Grass dominant)	<30	Mean Range	Insufficient Data			
Hay, Grass	377	Mean Range	9.8 1.6 – 23.6	63.6 24.1 – 80.3	9.4 4.6 – 12.0	56.1 29.1 – 93.0
Hay, Cereal	708	Mean Range	6.4 2.1 – 13.9	62.0 39.5- 84.4	9.0 5.2 – 12.9	54.8 40.8 – 77.5
Hay, Cereal/Legume	62	Mean Range	10.3 3.6 – 18.3	67.0 55.4 – 75.9	9.9 8.0 – 11.4	49.6 39.2 – 60.3

PLEASE NOTE: This information is produced using data from FEEDTEST records, derived from samples as submitted by clients. FEEDTEST produces these tables for the information of clients merely to demonstrate the range in quality which can occur for a given type of feed.

TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS OF SILAGE SAMPLES FROM THE 2012/2013 SEASON.

(Source FEEDTEST 14 Sep 12 – 30 April 13)

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	67	Mean Range	48.2 17.6 – 82.4	21.0 11.4 – 26.9	71.2 60.0 – 82.0	10.7 8.8 – 12.2	41.0 28.7 – 62.3
Silage, Legume/Grass (Legume dominant)	<20	Mean Range	Insufficient Data				
Silage, Grass/Legume (Grass dominant)	<20	Mean Range	Insufficient Data				
Silage, Grass	392	Mean Range	44.6 11.6– 79.2	14.3 4.3– 26.9	69.1 41.0 – 82.1	10.5 8.0 – 12.2	50.5 29.2 – 76.6
Silage, Maize	56	Mean Range	39.8 23.3 – 56.7	7.1 4.9 – 11.5	72.0 63.2 – 81.6	10.9 9.7 – 12.2	47.0 35.0 – 57.2
Silage, Cereal	93	Mean Range	48.3 17.5 – 77.6	11.6 3.4 – 27.1	65.8 44.9 – 81.7	10.0 6.9 – 12.2	52.4 35.6 – 69.3

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TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS OF GRAIN SAMPLES FROM THE 2012/2013 SEASON

(Source FEEDTEST 14 Sep 12 – 30 April 13)

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	**93**	**Mean** **Range**	**51.4** **39.7 – 61.4**	**11.6** **6.5 – 16.0**	**72.6** **53.8 – 81.9**	**12.7** **7.6 – 14.2**	**15.1** **9.3 – 35.9**
Barley	**95**	**Mean** **Range**	**64.0** **32.7 – 73.3**	**10.8** **7.2 – 16.9**	**85.1** **74.1 – 89.5**	**13.0** **11.5 - 13.6**	**5.8** **3.2 – 14.5**
Wheat	**66**	**Mean** **Range**	**74.7** **38.6 – 86.0**	**12.2** **9.0– 16.8**	**89.3** **84.9 – 92.3**	**13.5** **13.0 – 13.9**	**3.3** **1.7 – 5.2**
Triticale	**<30**	**Mean** **Range**	**Insufficient Data**				
Lupins	**30**	**Mean** **Range**		**32.2** **24.8 – 41.1**	**87.3** **81.8 – 93.5**	**14.7** **13.5 – 16.2**	

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TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS ON CEREAL HAY SAMPLES FROM THE 2012/2013 SEASON.

(Source FEEDTEST 14 Sep 12 – 30 April 13)

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	7.6 2.1 – 13.5	64.8 44.7 – 73.4	9.5 6.1 – 11.0	54.6 43.7 – 75.6
Hay, Oaten	319	Mean Range	6.7 2.3 – 14.3	62.4 41.3 – 77.0	9.1 5.5 – 11.6	54.6 40.1 – 77.1
Hay, Triticale	<30	Mean Range	Insufficient Data			
Hay, Wheaten	55	Mean Range	8.0 4.2 – 12.5	63.5 53.9 – 73.9	9.3 7.7 – 11.1	54.4 46.8 – 62.9

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TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS ON LEGUME HAY SAMPLES FROM THE 2012/2013 SEASON.

(Source FEEDTEST 14 Sep 12 – 30 April 13)

Description	No. of Samples		Crude Protein CP (%)	Dry Matter Digestibility DMD (%)	Metabolisable Energy ME (MJ/kg DM)	Neutral Detergent Fibre NDF (%)
Hay, Lucerne	446	Mean Range	20.4 5.4 – 28.9	67.0 52.2 – 77.8	9.9 7.4 – 11.8	41.4 31.8 – 61.3
Hay, Clover (unspecified)	110	Mean Range	15.1 7.2 – 24.2	70.0 47.3 – 78.8	10.4 6.5 – 11.9	42.3 29.7 – 65.9
Hay, Medic	<30	Mean Range	Insufficient Data			
Hay, Vetch	360	Mean Range	20.0 7.3 – 28.6	71.9 43.6 – 84.2	10.7 6.6 – 12.8	40.4 27.8 – 69.0

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