

## Table showing mean & range of quality measurements of cereal hay samples from the 2019/2020 season

Source: FeedTest 1 April 2019 - 30 April 2020

Product	No. of Samples		Crude Protein (CP) (% dmb) (N x 6.25)	Dry Matter Digestibility (DMD) (% dmb)	Metabolisable Energy (ME) (MJ/kg DM)	Neutral Detergent Fibre (NDF) (% dmb)	Acid Detergent Fibre (ADF) (% dmb)	Water Soluble Carbohydrates (WSC) (% dmb)
Hay, Barley	344	Mean	8.8	68.3	10.1	52.6	27.1	24.0
		Range	1.4 - 17.8	46.1 - 85.1	6.3 - 13.0	35.3 - 77.4	17.1 - 42.5	2.4 - 44.8
Hay, Oaten	1460	Mean	7.6	66	9.7	53.4	28.3	24.3
		Range	1.4 - 23.0	42.5 - 84.8	5.7 - 13.0	35.2 - 77.2	17.2 - 42.0	3.0 - 42.3
Hay, Triticale	<20	Insufficient Data						
Hay, Wheat	1058	Mean	9.0	64.8	9.5	54.3	28.2	23.4
		Range	1.2 - 22.5	36.7 - 79.8	4.7 - 12.1	35.9 - 82.7	17.0 - 47.9	2.4 - 44.6
Hay, Cereal (unspecified)	1318	Mean	8.1	65.0	9.6	52.9	27.6	23.8
		Range	2.1 - 18.6	39.2 - 88.4	5.1 - 13.6	30.5 - 82.5	15.9 - 44.9	1.1 - 42.4
Hay, Cereal & Legume	259	Mean	10.8	66.5	9.8	52.7	28.6	17.8
		Range	3.9 - 24.8	49.2 - 80.0	9.5	34.8 - 69.3	19.5 - 39.3	4.4 - 34.7
Hay, Cereal & Pasture	232	Mean	7.6	64.3	9.5	56.8	29.9	21.2
		Range	1.2 - 19.6	39.9 - 83.1	5.3 - 12.7	39.2 - 81.2	19.5 - 46.8	2.2 - 37.8

**PLEASE NOTE:** This information is produced using data from FeedTest records, derived from samples submitted by clients. FeedTest produces 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 & range of quality measurements of legume & pasture hay samples from the 2019/2020 season

Source: FeedTest 1 April 2019 - 30 April 2020

Product	No. of Samples		Crude Protein (CP) (% dmb) (N x 6.25)	Dry Matter Digestibility (DMD) (% dmb)	Metabolisable Energy (ME) (MJ/kg DM)	Neutral Detergent Fibre (NDF) (% dmb)	Acid Detergent Fibre (ADF) (% dmb)
Hay, Canola	269	Mean	14.6	67.0	9.9	41.7	30.3
		Range	4.2 - 25.9	24.6 - 85.8	2.6 - 13.1	21.4 - 74.5	15.5 - 55.0
Hay, Clover (unspecified)	206	Mean	14.5	66.2	9.8	50.8	28.3
		Range	4.1 - 24.8	43.7 - 80.7	5.9 - 12.3	31.3 - 73.1	18.6 - 47.8
Hay, Grass	506	Mean	8.5	61.6	9.0	60.9	33.0
		Range	1.0 - 26.2	35.9 - 84.3	4.6 - 12.9	28.6 - 85.1	15.3 - 48.7
Hay, Grass & Legume (grass dominant)	377	Mean	10.8	63.6	9.3	57.0	31.6
		Range	2.0 - 24.3	47.6 - 81.1	6.6 - 12.3	27.6 - 75.4	18.1 - 44.8
Hay, Legume	83	Mean	16.3	64.5	9.5	48.5	30.3
		Range	2.7 - 25.0	38.9 - 79.8	5.1 - 12.1	32.5 - 74.1	19.1 - 41.5
Hay, Legume & Grass (legume dominant)	78	Mean	12.7	66.7	9.9	53.3	29.4
		Range	4.1 - 21.4	51.4 - 80.8	7.2 - 12.3	35.6 - 76.2	21.1 - 40.2
Hay, Lucerne	219	Mean	19.6	66.0	9.7	43.1	29.2
		Range	5.2 - 27.6	45.3 - 79.4	6.2 - 12.0	31.2 - 75.2	18.0 - 44.7
Hay, Vetch	888	Mean	19.8	70.2	10.5	44.8	28.4
		Range	4.3 - 28.0	42.9 - 84.8	5.8 - 13.0	26.5 - 72.7	17.3 - 41.9

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## Table showing mean & range of quality measurements of silage samples from the 2019/2020 season

Source: FeedTest 1 April 2019 - 30 April 2020

Product	No. of Samples		Dry Matter (DM) (%)	Crude Protein (CP) (% dmb) (N x 6.25)	Dry Matter Digestibility (DMD) (% dmb)	Metabolisable Energy (ME) (MJ/kg DM)	Neutral Detergent Fibre (NDF) (% dmb)	Acid Detergent Fibre (ADF) (% dmb)	Starch (% dmb)
Silage, Legume	90	Mean Range	53.8 24.6 - 87.1	19.0 4.7 - 28.2	67.5 36.3 - 88.1	10.2 7.6 - 12.0	44.5 29.5 - 70.3	28.1 16.5 - 41.1	NA
Silage, Legume & Grass (legume dominant)	64	Mean Range	53.3 29.6 - 85.9	14.8 6.5 - 22.6	71.3 57.1 - 85.5	10.8 8.8 - 12.7	47.9 30.2 - 68.1	27 18.5 - 38.4	NA
Silage, Grass	526	Mean Range	45.7 18.2 - 86.1	13.8 4.4 - 28.3	70.2 36.3 - 88.1	10.6 6.0 - 13.0	52.8 29.4 - 83.4	28.7 15.3 - 53.4	NA
Silage, Grass & Legume (grass dominant)	159	Mean Range	50.1 24.9 - 86.8	14.0 5.1 - 24.7	69.2 41.4 - 82.7	10.5 6.7 - 12.3	52.1 31.8 - 70.5	28.6 16.7 - 46.8	NA
Silage, Cereal	170	Mean Range	49.8 15.5 - 87.3	12.7 4.3 - 23.9	70.8 47.5 - 85.5	10.7 7.5 - 12.7	51.0 37.9 - 67.8	26.2 16.0 - 40.6	NA
Silage, Canola	36	Mean Range	49.5 16.8 - 83.0	17.8 7.5 - 24.2	68.8 31.8 - 81.8	10.4 5.4 - 12.4	39.7 28.5 - 52.7	28.7 21.0 - 53.2	NA

Maize Silage	61	Mean Range	38.2 27.3 - 56.1	7.7 5.7 - 10.2	69.2 56.8 - 78.1	10.5 8.8 - 11.7	47.8 35.1 - 59.2	23.8 15.3 - 36.0	31.4 11.3 - 48.1
Fresh Cut Maize (prior to ensiling)	41	Mean Range	34.6 23.0 - 46.7	7.8 5.2 - 10.9	65.1 53.4 - 75.8	9.6 7.6 - 11.4	53.0 39.7 - 59.6	23.8 14.9 - 33.2	40.3 19.2 - 62.3

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## Table showing mean & range of quality measurements of grain samples from the 2019/2020 season

Source: FeedTest 1 April 2019 - 30 April 2020

Product	No. of Samples		Bulk Density (kg/hL)	Crude Protein (CP) (% dmb) (N x 6.25)	Dry Matter Digestibility (DMD) (% dmb)	Metabolisable Energy (ME) (MJ/kg DM)	Neutral Detergent Fibre (NDF) (% dmb)	Acid Detergent Fibre (ADF) (% dmb)	Starch (% dmb)	Fat (% dmb)
Oats	86	Mean Range	50.0 32.1 - 59.0	12.8 8.9 - 18.7	71.7 57.3 - 80.3	12.4 10.0 - 14.2	33.4 19.3 - 47.6	13.8 8.4 - 22.6	48.4 31.3 - 58.9	7.4 3.4 - 10.1
Barley	402	Mean Range	63.1 33.2 - 78.5	13.1 7.8 - 19.5	86.9 79.7 - 93.9	13.2 11.8 - 14.2	16.7 10.1 - 26.3	7.6 3.7 - 12.9	63.6 45.6 - 79.1	NA
Wheat	142	Mean Range	77.1 49.7 - 85.3	12.1 9.1 - 22.3	93.2 84.3 - 96.4	14.0 12.9 - 14.5	11.7 5.5 - 20.4	4.8 2.9 - 8.9	73.1 57.0 - 82.0	NA
Triticale	< 20	Insufficient Data								
Lupins	61	Mean Range	NA	31.3 16.8 - 40.0	86.8 79.4 - 96.5	14.3 13.0 - 15.9	34.1 19.3 - 49.2	19.4 12.0 - 26.3	NA	NA
Lentils	22	Mean Range	NA	26.3 22.6 - 29.8	93.1 84.4 - 97.5	13.2 12.7 - 14.6	13.5 9.4 - 24.4	5.5 3.8 - 11.0	NA	NA
Maize	< 20	Insufficient Data								

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