

**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS  
OF HAY SAMPLES FROM THE 2005/2006 SEASON.  
(Source FEEDTEST 1 Aug 05 - 8 Feb 06)**

<b>Description</b>	<b>No. of Samples</b>		<b>Crude Protein CP (%)</b>	<b>Dry Matter Digestibility DMD (%)</b>	<b>Metabolisable Energy ME (MJ/kg DM)</b>	<b>Neutral Detergent Fibre NDF (%)</b>
<b>Hay, Legume</b>	<b>1103</b>	<b>Mean Range</b>	<b>19.0 4.0 - 28.1</b>	<b>63.2 37.8 - 83.2</b>	<b>9.2 5.0 - 12.7</b>	<b>46.1 29.9 - 67.7</b>
<b>Hay, Legume/Grass (Legume dominant)</b>	<b>404</b>	<b>Mean Range</b>	<b>13.6 5.3 - 24.3</b>	<b>60.5 40.9 - 78.5</b>	<b>8.8 5.4 - 11.9</b>	<b>55.6 35.0 - 72.9</b>
<b>Hay, Grass/Legume (Grass dominant)</b>	<b>767</b>	<b>Mean Range</b>	<b>11.6 1.7 - 25.1</b>	<b>60.8 40.7 - 78.9</b>	<b>8.8 5.4 - 12.0</b>	<b>59.6 33.4 - 77.2</b>
<b>Hay, Grass</b>	<b>66</b>	<b>Mean Range</b>	<b>9.0 1.9 - 15.8</b>	<b>59.7 47.4 - 70.1</b>	<b>8.7 6.5 - 10.4</b>	<b>63.5 47.6 - 73.6</b>
<b>Hay, Cereal</b>	<b>2385</b>	<b>Mean Range</b>	<b>7.0 1.2 - 26.9</b>	<b>59.5 34.1 - 86.2</b>	<b>8.6 4.2 - 13.2</b>	<b>58.8 34.6 - 82.4</b>
<b>Hay, Cereal/Legume</b>	<b>121</b>	<b>Mean Range</b>	<b>10.6 3.9 - 19.3</b>	<b>59.5 41.2 - 72.5</b>	<b>8.6 5.5 - 10.8</b>	<b>59.0 41.7 - 72.4</b>

**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS  
OF SILAGE SAMPLES FROM THE 2005/2006 SEASON.  
(Source FEEDTEST 1 Aug 05 – 8 Feb 06)**

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	82	Mean Range	50.2 22.2 - 83.9	20.2 10.5 - 31.4	67.0 48.4 - 82.8	10.1 7.7 - 12.4	42.0 25.5 - 65.3
Silage, Legume/Grass (Legume dominant)	73	Mean Range	45.9 22.6 - 78.7	15.5 9.5 - 25.9	68.7 49.3 - 80.2	10.4 7.8 - 12.0	48.0 28.7 - 66.6
Silage, Grass/Legume (Grass dominant)	759	Mean Range	44.0 17.0 - 86.4	15.0 3.6 - 26.6	69.0 43.7 - 80.3	10.4 6.0 - 12.0	54.1 30.8 - 81.4
Silage, Grass	135	Mean Range	43.3 18.6 - 79.2	16.0 7.6 - 26.9	70.8 57.4 - 79.9	10.7 8.2 - 11.9	53.4 37.4 - 71.2
Silage, Maize	24	Mean Range	36.9 10.9 - 50.4	8.1 5.9 - 20.3	74.0 61.6 - 80.9	11.0 9.0 - 12.3	43.9 35.2 - 56.2
Silage, Cereal	74	Mean Range	42.8 20.6 - 69.9	10.0 5.8 - 17.7	64.0 49.2 - 84.4	9.7 7.8 - 12.5	55.5 20.1 - 72.8

**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS  
OF GRAIN SAMPLES FROM THE 2005/2006 SEASON**  
(Source FEEDTEST 1 Aug 05 – 8 Feb 06)

<b>Description</b>	<b>No. of Samples</b>		<b>Density (kgs per hectolitre)</b>	<b>Crude Protein CP (%) (N x 6.25)</b>	<b>Dry Matter Digestibility DMD (%)</b>	<b>Metabolisable Energy ME (MJ/kg DM)</b>
<b>Oats</b>	<b>214</b>	<b>Mean Range</b>	<b>49.9 39.7 - 58.2</b>	<b>10.0 6.4 - 16.0</b>	<b>69.3 56.5 - 78.4</b>	<b>11.6 8.1 - 13.7</b>
<b>Barley</b>	<b>240</b>	<b>Mean Range</b>	<b>64.4 51.2 - 74.8</b>	<b>12.8 7.3 - 22.6</b>	<b>84.6 62.1 - 93.3</b>	<b>12.8 9.1 - 13.7</b>
<b>Wheat</b>	<b>193</b>	<b>Mean Range</b>	<b>75.6 62.5 - 83.4</b>	<b>14.6 9.2 - 23.5</b>	<b>90.0 86.6 - 92.9</b>	<b>13.6 13.1 - 14.0</b>
<b>Triticale</b>	<b>93</b>	<b>Mean Range</b>	<b>67.6 56.2 - 73.9</b>	<b>12.4 9.1 - 20.9</b>	<b>89.0 86.1 - 90.9</b>	<b>13.5 12.7 - 13.9</b>
<b>Lupins</b>	<b>17</b>	<b>Mean Range</b>		<b>31.0 25.9 - 34.6</b>	<b>86.1 83.4 - 88.7</b>	<b>14.2 13.7 - 14.8</b>

**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS  
ON CEREAL HAY SAMPLES FROM THE 2005/2006 SEASON.**  
(Source FEEDTEST 1 Aug 05 – 8 Feb 06)

<b>Description</b>	<b>No. of samples</b>		<b>Crude Protein CP (%)</b>	<b>Dry Matter Digestibility DMD (%)</b>	<b>Metabolisable Energy ME (MJ/kg DM)</b>	<b>Neutral Detergent Fibre NDF (%)</b>
<b>Hay, Barley</b>	<b>34</b>	<b>Mean Range</b>	<b>8.4 4.6 - 14.8</b>	<b>64.8 43.7 - 75.5</b>	<b>9.5 5.9 - 11.4</b>	<b>57.6 43.5 - 76.2</b>
<b>Hay, Oaten</b>	<b>1354</b>	<b>Mean Range</b>	<b>7.2 1.2 - 23.1</b>	<b>58.7 34.1 - 85.9</b>	<b>8.5 4.2 - 13.2</b>	<b>59.2 34.9 - 82.4</b>
<b>Hay, Triticale</b>	<b>19</b>	<b>Mean Range</b>	<b>7.8 3.3 - 12.7</b>	<b>60.3 52.4 - 69.1</b>	<b>8.8 7.4 - 10.3</b>	<b>60.0 49.1 - 72.7</b>
<b>Hay, Wheaten</b>	<b>49</b>	<b>Mean Range</b>	<b>9.2 4.1 - 20.4</b>	<b>60.0 45.3 - 75.5</b>	<b>8.7 6.2 - 11.0</b>	<b>58.9 48.6 - 69.9</b>
<b>Hay, Cereal/Pasture</b>	<b>167</b>	<b>Mean Range</b>	<b>8.1 2.8 - 18.6</b>	<b>59.0 40.5 - 73.1</b>	<b>8.5 5.3 - 11.0</b>	<b>61.4 42.7 - 79.7</b>

**TABLE SHOWING MEAN AND RANGE OF QUALITY MEASUREMENTS  
ON LEGUME HAY SAMPLES FROM THE 2005/2006 SEASON.  
(Source FEEDTEST 1 Aug 05 – 8 Feb 06)**

<b>Description</b>	<b>No. of Samples</b>		<b>Crude Protein CP (%)</b>	<b>Dry Matter Digestibility DMD (%)</b>	<b>Metabolisable Energy ME (MJ/kg DM)</b>	<b>Neutral Detergent Fibre NDF (%)</b>
<b>Hay, Lucerne</b>	<b>627</b>	<b>Mean Range</b>	<b>20.2 6.1 - 28.1</b>	<b>65.0 37.8 - 79.0</b>	<b>9.5 5.0 - 12.0</b>	<b>42.7 30.2 - 67.7</b>
<b>Hay, Clover (unspecified)</b>	<b>83</b>	<b>Mean Range</b>	<b>15.8 7.0 - 24.3</b>	<b>62.1 40.6 - 75.6</b>	<b>9.1 7.1 - 11.4</b>	<b>49.7 31.7 - 67.5</b>
<b>Hay, Balansa Clover</b>	<b>18</b>	<b>Mean Range</b>	<b>14.5 7.0 - 22.1</b>	<b>61.5 50.7 - 72.4</b>	<b>9.0 7.1 - 10.8</b>	<b>51.1 40.6 - 61.8</b>
<b>Hay, Persian Clover (Shaftal)</b>	<b>16</b>	<b>Mean Range</b>	<b>14.6 4.0 - 17.9</b>	<b>65.2 51.5 - 75.0</b>	<b>9.6 7.2 - 11.3</b>	<b>47.7 40.8 - 67.5</b>
<b>Hay, Sub Clover</b>	<b>19</b>	<b>Mean Range</b>	<b>14.7 9.7 - 19.3</b>	<b>59.1 50.1 - 68.4</b>	<b>8.6 7.0 - 10.2</b>	<b>53.9 39.2 - 65.2</b>
<b>Hay, Medic</b>	<b>14</b>	<b>Mean Range</b>	<b>17.1 9.7 - 25.7</b>	<b>59.7 44.6 - 72.0</b>	<b>8.7 6.1 - 10.8</b>	<b>51.0 39.3 - 60.7</b>
<b>Hay, Vetch</b>	<b>229</b>	<b>Mean Range</b>	<b>18.2 7.0 - 26.2</b>	<b>59.7 39.8 - 83.2</b>	<b>8.6 5.2 - 12.7</b>	<b>51.8 29.9 - 66.5</b>