

Feed: **CORN SILAGE**

Note: **Moisture more than 68%. Production area: Germany.**

No. of samples used in statistics: **80**

Values expressed on: **Dry bases**

NIR-CNCPS	Average	Standard deviation (+/-)	Range (68% of samples)	
			average - Sd	average + Sd
Moisture (%)	<b>70,4</b>	<b>3,6</b>	66,8	73,9
CP (%)	<b>8,8</b>	<b>1,3</b>	7,5	10,1
AD-ICP (%)	<b>0,39</b>	<b>0,16</b>	0,23	0,55
ND-ICP_w/Na2SO3 (%)	<b>0,99</b>	<b>0,28</b>	0,72	1,27
SP (%CP)	<b>65,5</b>	<b>9,3</b>	56,2	74,8
Ammonia (CP%CP)	<b>7,5</b>	<b>1,8</b>	5,7	9,3
Ammonia (ppm)	<b>1283</b>	<b>326</b>	957	1608
ADF (%)	<b>25,6</b>	<b>2,7</b>	22,9	28,3
aNDF (%)	<b>44,5</b>	<b>4,3</b>	40,2	48,8
aNDFom (%)	<b>43,4</b>	<b>4,0</b>	39,4	47,4
Lignin (%)	<b>2,7</b>	<b>0,4</b>	2,3	3,1
NDFD12 (%NDFom)	<b>38,6</b>	<b>3,0</b>	35,7	41,6
NDFD30 (%NDFom)	<b>65,0</b>	<b>4,1</b>	60,8	69,1
NDFD120 (%NDFom)	<b>77,0</b>	<b>4,6</b>	72,3	81,6
NDFD240 (%NDFom)	<b>79,7</b>	<b>3,7</b>	76,0	83,5
uNDFom12 (%)	<b>26,0</b>	<b>3,1</b>	22,8	29,1
uNDFom30 (%)	<b>15,2</b>	<b>2,3</b>	12,9	17,6
uNDFom120 (%)	<b>10,0</b>	<b>2,1</b>	7,9	12,2
uNDFom240 (%)	<b>8,8</b>	<b>1,8</b>	7,0	10,6
Starch (%)	<b>25,2</b>	<b>7,3</b>	17,9	32,5
In Vitro Starch Digestibility -IVSD7h (%St)	<b>75,0</b>	<b>3,4</b>	71,6	78,4
Starch kd MIR P1T1 (%h)	<b>23,3</b>	<b>2,2</b>	21,2	25,5
EE(Fat) (%)	<b>3,76</b>	<b>0,48</b>	3,3	4,2
TFA(Fat) (%)	<b>2,11</b>	<b>0,40</b>	1,7	2,5
Palmitic (%TFA)	<b>19,7</b>	<b>2,1</b>	17,6	21,8
Stearic (%TFA)	<b>2,0</b>	<b>0,3</b>	1,7	2,3
Oleic (%TFA)	<b>21,7</b>	<b>2,1</b>	19,6	23,8
Linoleic (%TFA)	<b>44,5</b>	<b>3,6</b>	41,0	48,1
Linolenic (%TFA)	<b>10,3</b>	<b>3,3</b>	7,0	13,6
Ash (%)	<b>4,1</b>	<b>1,1</b>	3,0	5,2

Analytical Technique: NIR Dairyland (USA) on samples analyzed at the Laboratorio Analisi Zootechniche (MN).

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			average - Sd	average + Sd
WSC -Sugar (%)	<b>5,0</b>	<b>1,6</b>	3,4	6,6
ESC -Sugar (%)	<b>1,5</b>	<b>1,2</b>	0,3	2,7
Lactic (%)	<b>4,10</b>	<b>1,17</b>	2,93	5,27
Acetic (%)	<b>2,10</b>	<b>0,64</b>	1,47	2,74
Propionic (%)	<b>0,36</b>	<b>0,07</b>	0,29	0,43
pH	<b>3,66</b>	<b>0,20</b>	3,5	3,9
Adjusted CP (%)	<b>8,7</b>	<b>1,0</b>	7,6	9,7
NFC (%)	<b>41,6</b>	<b>4,7</b>	36,9	46,3
TDN_Milk2006 (%)	<b>74,7</b>	<b>3,7</b>	70,9	78,4
NEL3x Milk2006_NP (Megajoule)	<b>6,66</b>	<b>0,46</b>	6,20	7,12
NEL3x Milk2006_P (Megajoule)	<b>6,66</b>	<b>0,46</b>	6,20	7,12
NEG Milk2006 (Megajoule)	<b>4,93</b>	<b>0,30</b>	4,63	5,22
NEM Milk2006 (Megajoule)	<b>7,55</b>	<b>0,34</b>	7,21	7,89
Milk/Ton Milk2006 (Kg/Ton)	<b>1581</b>	<b>147</b>	1434	1728
Beef per TON ISU Beef (Kg/Ton)	<b>137</b>	<b>13</b>	124	150
TDN_OARDC (%)	<b>71,8</b>	<b>2,6</b>	69,2	74,4
NEL3x_OARDC (Megajoule)	<b>6,88</b>	<b>0,26</b>	6,61	7,14

Note:

"NP"= Not processed; "P"= Processed

Analytical Technique: NIR Dairyland (USA) on samples analyzed at the Laboratorio Analisi Zootecniche (MN).