

Livestock Feeding Statistics

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Feed: **Sunflower silage**

Note: **Origin: Italy; results from 2018 to April 2025.**

N° of samples used in statistics: **19^{ns}**

Values expressed on: **Dry matter**

Standard NIR Profile

	Media	Standard Deviation (+/-)	Range (68% of samples)	
			media - st.dev	media + st.dev
Moisture %	73,4	7,0	66,4	80,3
CP %	13,9	1,7	12,2	15,6
Protein Sol. %CP	53,0	9,8	43,2	62,8
EE (Fat) %	9,24	2,75	6,49	11,99
CF %	30,4	4,4	25,9	34,8
Ash %	9,0	1,9	7,1	10,8
aNDF %	46,4	5,0	41,4	51,4
aNDFom %	41,7	4,3	37,4	46,0
ADF %	41,6	6,4	35,2	48,1
ADL %	7,6	2,0	5,6	9,6
Starch %	9,0	1,3	7,7	10,3
NFC %	26,2	5,8	20,4	32,1
Sugars %	< 0,25	-	-	-
Ammonia ppm	4229	1139	3090	5368
Ammonia %CP	15,72	4,27	11,45	19,99
Lactic ac. %	6,38	2,45	3,92	8,83
Acetic ac. %	0,74	0,31	0,44	1,05
Butyric ac. %	0,91	0,34	0,56	1,25
pH	4,66	0,63	4,04	5,29
Milk forage Unit/kg	0,63	0,15	0,48	0,79

Note to **Starch**: the average value found concerns 11% of the samples, the remaining 89% is less than 2%.

Note: "**ps**" = Not very significant number (20-50 samples). "**ns**" = Non-significant number (< 20 samples). Use data with caution.

Technique: **NIR** spectroscopy (calibration curves developed by Laboratorio Analisi Zootecniche).

Technique: **XRF** X-ray fluorescence (calibration curves developed by Laboratorio Analisi Zootecniche).

Sample preparation: oven-dried at 65°C and ground to 0.5 mm