

Livestock Feeding Statistics

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Feed: **Millet silage**

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

N° of samples used in statistics: **52**

Values expressed on: **Dry matter**

Standard NIR Profile

	Media	Standard Deviation (+/-)	Range (68% of samples)	
			media - st.dev	media + st.dev
Moisture %	71,0	13,8	57,1	84,8
CP %	11,5	2,3	9,2	13,9
Protein Sol. %CP	59,4	11,7	47,7	71,0
EE (Fat) %	2,20	0,51	1,69	2,70
CF %	34,7	4,0	30,7	38,6
Ash %	10,1	2,8	7,2	12,9
aNDF %	58,5	5,3	53,2	63,7
aNDFom %	56,4	5,9	50,5	62,3
ADF %	36,6	3,6	33,0	40,1
ADL %	4,3	0,8	3,4	5,1
Starch %	4,6	2,4	2,3	7,0
NFC %	19,7	5,1	14,6	24,9
Sugars %	3,52	1,52	2,00	5,05
Ammonia ppm	2425	736	1689	3161
Ammonia %CP	10,88	3,12	7,76	14,00
Lactic ac. %	6,53	1,95	4,58	8,48
Acetic ac. %	1,07	0,30	0,77	1,36
Butyric ac. %	0,29	0,08	0,21	0,37
pH	4,44	0,60	3,84	5,04
Milk forage Unit/kg	0,73	0,11	0,62	0,83

Note to **Starch**: the average value found concerns 31% of the samples, the remaining 69% is less than 2.

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