

Livestock Feeding Statistics

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Feed: Soy haylage with DM >35% (Moisture <65%)

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

N° of samples used in statistics: 33 ^{ps} selected as per the indicated Dry Matter.

Values expressed on: Dry matter

Standard NIR Profile	Media	Standard Deviation (+/-)	Range (68% of samples)	
			media - st.dev	media + st.dev
Moisture %	58,3	6,5	51,8	64,7
CP %	18,4	3,6	14,7	22,0
Protein Sol. %CP	35,9	13,2	22,7	49,1
EE (Fat) %	5,62	2,05	3,57	7,67
CF %	29,6	3,8	25,8	33,5
Ash %	11,9	3,9	8,0	15,8
aNDF %	47,0	4,6	42,4	51,5
aNDFom %	43,5	4,5	39,1	48,0
ADF %	38,3	4,7	33,6	43,1
ADL %	6,7	1,1	5,6	7,9
Starch %	2,3	1,8	0,5	4,1
NFC %	19,5	6,2	13,3	25,7
Sugars %	1,08	1,04	0,04	2,12
Ammonia ppm	3183	744	2439	3928
Ammonia %CP	8,89	2,06	6,83	10,96
Lactic ac. %	3,46	1,43	2,03	4,89
Acetic ac. %	0,66	0,22	0,44	0,88
Butyric ac. %	0,30	0,17	0,13	0,46
pH	5,33	0,54	4,79	5,88
Milk forage Unit/kg	0,80	0,08	0,72	0,87

Note to **Starch**: the average value found concerns 8% of the samples, the remaining 92% 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