

Table S1. Dataset of herbage parameters. ID – sample identifier; BLOCK – experimental block; DATE – sampling date; HEIGHT (cm) – cutting height; TOTAL MASS (g m⁻²); GRASS MASS (g m⁻²); HERB MASS (g m⁻²); DRY MATTER (% of fresh mass); NUTRIENTS – content in dry matter: LIPIDS (% DM), CRUDE FIBER (% DM), ASH (% DM), Mg (% DM), N (% DM), P (% DM), K (% DM), Ca (% DM); ADF (% DM); NDF (% DM); N:P, N:K, K:P – ratios.

ID	BLOCK	DATE	HEIGHT	TOTAL MASS	GRASS MASS	FORRB MASS	DRY MATTER	NUTRIENTS	LIPIDS	CRUDE FIBER	ASH	Mg	N	P	K	Ca	ADF	NDF	N:P	N:K	K:P
1	1	20230626	5	298	217.59	80.42	93.88	7.06	3.06	32.69	6.20	0.40	1.24	0.17	0.93	0.29	35.64	57.78	7.29	1.33	5.47
2	1	20230626	5	322	242.67	79.30	93.68	5.06	2.09	36.39	5.26	0.43	0.89	0.14	0.93	0.22	37.37	60.33	6.36	0.96	6.64
3	1	20230626	15	215	155.30	59.92	93.43	4.46	1.90	38.18	4.77	0.42	0.78	0.14	0.93	0.17	40.33	60.96	5.57	0.84	6.64
4	1	20230626	25	117	101.07	15.98	93.82	5.40	2.81	36.89	5.07	0.41	0.95	0.15	0.92	0.16	39.89	64.68	6.33	1.03	6.13
5	1	20230626	25	138	112.05	26.07	93.34	7.80	2.66	32.23	5.10	0.47	1.37	0.17	0.86	0.20	35.32	60.32	8.06	1.59	5.06
6	1	20230626	25	119	79.52	39.57	93.24	7.17	2.07	36.61	5.07	0.40	1.26	0.17	0.97	0.21	37.23	58.49	7.41	1.30	5.71
7	1	20230628	15	212	176.80	34.92	93.43	6.50	1.69	40.02	5.01	0.47	1.14	0.17	0.86	0.20	39.38	64.99	8.00	1.21	6.60
8	1	20230628	15	145	123.33	21.45	93.49	5.78	2.05	40.09	4.78	0.44	1.01	0.15	0.98	0.17	38.18	64.38	6.73	1.03	6.53
9	1	20230628	5	294	250.51	43.34	93.68	6.09	2.05	36.94	4.99	0.51	1.07	0.16	0.84	0.17	39.56	64.83	6.69	1.27	5.25
10	2	20230628	5	283	193.60	89.28	93.13	5.95	2.74	33.90	6.30	0.40	1.04	0.17	1.08	0.30	35.91	49.36	6.12	0.96	6.35
11	2	20230628	15	182	133.54	48.13	93.49	5.66	2.22	36.21	5.55	0.44	0.99	0.17	1.12	0.23	37.71	52.27	5.82	0.88	6.59
12	2	20230628	5	286	223.21	62.96	96.92	6.10	2.74	31.39	6.26	0.47	1.07	0.16	1.02	0.27	36.99	57.8	6.69	1.05	6.38
13	2	20230628	5	293	219.41	73.86	93.61	5.54	2.71	37.54	5.85	0.48	0.97	0.15	0.97	0.15	37.35	62.76	6.47	1.00	6.47
14	2	20230628	25	138	122.01	15.76	94.26	4.25	2.44	38.20	4.49	0.39	0.75	0.11	0.92	0.17	40.66	66.82	6.82	0.82	8.36
15	2	20230628	25	197	159.05	38.35	94.10	3.86	2.20	36.39	4.03	0.47	0.68	0.11	0.97	0.14	39.91	63.53	6.18	0.70	8.82
16	2	20230628	15	214	137.88	76.05	93.52	5.01	2.30	35.16	5.46	0.39	0.88	0.13	1.27	0.21	35.76	54.11	6.77	0.69	9.77
17	2	20230628	25	173	109.66	63.75	93.15	5.94	1.44	35.13	5.62	0.49	1.04	0.13	0.98	0.31	38.66	55.81	8.00	1.06	7.54
18	2	20230628	15	245	161.56	83.49	92.91	7.71	1.73	33.39	5.44	0.58	1.35	0.18	1.10	0.34	37.81	57.83	7.50	1.23	6.11
19	3	20230629	5	342	272.53	69.23	93.33	6.18	1.63	36.24	5.85	0.45	1.08	0.15	1.10	0.17	39.04	59	7.20	0.98	7.33
20	3	20230629	15	242	214.90	27.02	93.00	5.23	1.11	38.78	5.61	0.40	0.92	0.14	0.82	0.21	38.39	60.14	6.57	1.12	5.86
21	3	20230629	25	172	150.88	21.34	93.06	6.11	1.17	37.92	4.90	0.45	1.07	0.15	1.00	0.18	38.51	64.27	7.13	1.07	6.67
22	3	20230629	25	186	153.99	32.28	93.06	6.74	1.64	38.45	5.28	0.46	1.18	0.15	0.87	0.17	40.25	65.31	7.87	1.36	5.80
23	3	20230629	25	161	148.14	13.27	93.48	6.24	1.18	38.19	5.07	0.49	1.09	0.15	0.81	0.18	40.64	64.86	7.27	1.35	5.40
24	3	20230629	5	301	280.49	20.93	93.28	4.70	1.20	47.20	5.22	0.43	0.82	0.13	1.04	0.17	39.52	65.36	6.31	0.79	8.00
25	3	20230629	15	287	230.78	56.71	93.13	4.30	1.15	37.55	4.47	0.33	0.75	0.12	0.86	0.15	39.61	61	6.25	0.87	7.17
26	3	20230629	15	213	182.27	30.89	92.73	5.76	1.15	37.74	5.34	0.42	1.01	0.16	0.86	0.20	38.24	62.14	6.31	1.17	5.38
27	3	20230629	5	373	296.50	76.60	93.67	4.42	1.27	35.96	4.47	0.32	0.78	0.11	1.02	0.15	40.79	65.35	7.09	0.76	9.27
28	4	20230629	25	156	138.92	17.53	93.04	6.45	1.39	37.74	5.86	0.46	1.13	0.14	0.93	0.28	35.24	64.25	8.07	1.22	6.64
29	4	20230629	25	143	98.19	45.09	92.71	5.51	1.37	34.78	5.39	0.47	0.97	0.15	0.88	0.21	39.26	60.46	6.47	1.10	5.87
30	4	20230629	15	244	191.07	52.75	93.19	4.39	1.36	39.41	4.92	0.58	0.77	0.12	1.00	0.16	40.73	65.87	6.42	0.77	8.33
31	4	20230629	25	178	147.84	30.51	92.71	5.64	0.89	37.86	5.29	0.36	0.99	0.14	0.97	0.17	38.73	59.99	7.07	1.02	6.93
32	4	20230629	15	275	209.66	65.32	93.03	5.84	1.21	35.50	5.04	0.33	1.02	0.13	1.00	0.18	37.64	59.8	7.85	1.02	7.69
33	4	20230629	5	422	305.38	116.72	93.84	4.95	1.79	36.56	4.94	0.49	0.87	0.13	0.93	0.14	40.77	64.47	6.69	0.94	7.15
34	4	20230629	5	409	369.19	39.66	94.14	5.14	1.83	36.98	5.32	0.48	0.90	0.14	0.92	0.14	39.99	65.87	6.43	0.98	6.57
35	4	20230629	15	241	185.45	55.88	93.59	7.17	1.94	36.95	6.17	0.46	1.26	0.17	0.96	0.17	38.11	59.71	7.41	1.31	5.65
36	4	20230629	5	376	336.52	39.12	93.43	6.20	1.57	36.35	5.32	0.45	1.09	0.17	0.99	0.27	38.39	65.67	6.41	1.10	5.82