

2002 EXPT WQSC1 - Forage yield and quality averaged for LH198 and HC33 tescrosses (two locations, two replications/location)

No	Entry	Lodge score ¹	Dry matter	Yield	NDF	ADF	IVD	NDFD	Protein	Starch	Milk/ton	Milk/ac
		0-10	%	t/a	%	%	%	%	%	%	lb	lb
1	80031-1-1-1	0.5	42.6	8.50	48.6	24.5	82.0	63.3	7.17	29.8	3430	29456
2	80063-1-2-2-1	.	49.4	7.97	45.8	23.1	83.3	63.7	6.66	35.4	3409	27150
3	80063-1-2-3-1	0.0	48.8	8.07	44.1	22.0	84.4	64.8	6.66	37.3	3510	28179
4	80065-1-1-2-1	0.0	42.0	8.03	48.3	24.5	82.5	63.8	7.05	30.4	3464	27790
5	80065-1-1-2-2	1.0	40.6	8.29	47.2	24.0	82.8	63.6	7.13	32.0	3512	29062
6	80065-1-3-3-3	0.8	41.1	8.36	47.3	23.8	82.7	63.8	6.88	31.4	3508	29493
7	80069-1-1-1-1	0.8	46.9	8.57	46.8	23.4	83.2	64.0	6.83	34.3	3437	29657
8	80069-1-1-2-1	1.0	45.2	8.03	45.4	22.4	83.8	64.3	7.41	33.9	3510	28710
9	80069-1-1-3-1	1.0	45.4	8.18	47.3	23.9	82.4	63.0	7.35	31.2	3415	27872
10	80073-1-1-1-1	0.0	42.4	8.29	48.0	24.3	82.3	63.2	7.22	31.7	3438	28514
11	80126-1-2-4-1	0.3	53.1	8.26	47.3	23.6	82.4	63.0	7.01	32.7	3342	28181
12	80208-1-1-1-1	1.7	44.2	7.73	49.5	25.0	81.4	62.4	7.18	31.3	3335	26109
13	80208-1-1-2-1	1.0	47.0	8.41	46.3	23.1	83.1	63.7	7.19	33.7	3433	28614
14	80212-2-2-3	1.8	46.9	8.70	49.0	24.6	81.8	63.1	7.33	31.1	3339	29465
15	80212-4-1-3-1	2.3	40.0	8.00	47.5	23.8	82.4	63.1	7.58	29.3	3437	27629
16	80212-4-1-3-2	0.8	41.1	8.02	47.6	23.9	82.6	63.7	7.47	30.5	3503	28364
17	80212-4-1-4-2	1.0	42.2	8.01	48.4	24.5	81.9	62.8	7.27	29.7	3417	27633
18	80242-2-2-1	0.5	44.0	8.06	47.3	23.8	82.7	63.6	7.11	31.7	3447	27981
19	80244-1-1-1-1	0.5	52.3	8.57	51.9	26.9	81.1	63.8	6.76	30.3	3283	28313
20	80244-1-1-1-2	0.0	50.7	7.51	48.8	24.7	82.8	64.9	6.94	32.7	3390	26058
21	80244-1-1-1-3	0.3	53.3	7.92	51.7	26.7	81.1	63.7	6.94	29.8	3281	26058
22	80244-1-2-2-1	0.3	52.1	8.37	49.7	25.4	82.2	64.3	6.69	31.3	3383	28274
23	80244-1-3-1-1	0.5	47.9	8.46	49.4	24.9	82.3	64.2	7.30	29.6	3378	28923
24	80244-1-3-1-2	0.0	49.7	7.38	50.0	25.2	81.7	63.5	7.16	31.2	3316	24854
25	80244-1-3-2-1	2.0	49.6	8.06	50.4	25.3	82.5	65.4	7.07	30.8	3391	27661
26	80253-2-1-1-1	0.3	42.3	7.99	47.5	24.2	82.5	63.3	7.26	31.8	3456	27585
27	80259-1-2-1-1	1.0	48.5	8.12	51.1	26.6	80.5	62.4	6.88	29.1	3279	26422
28	80259-2-1-1-1	0.3	45.6	9.32	49.4	25.4	81.9	63.4	7.16	31.2	3363	31414
29	80259-2-2-1-1	1.0	46.1	8.91	46.6	23.4	83.2	64.1	7.21	33.0	3450	30611
30	80307-1-2-2-2	0.8	49.3	7.87	46.7	23.2	83.5	64.8	7.25	32.9	3444	27369
31	80307-1-2-3-1	1.3	48.0	7.88	46.8	23.4	83.0	63.8	7.15	32.8	3421	27067
32	80329-1-2-1	1.5	48.9	8.36	48.5	24.7	81.8	62.6	6.71	32.4	3320	27711
33	80353-2-1-1-1	2.5	49.5	8.26	48.3	24.5	82.1	63.0	6.66	31.4	3342	27564
34	80353-2-1-3-2	0.0	46.1	8.86	48.0	24.2	82.8	64.4	6.98	31.2	3453	30599
35	80353-2-2-2	3.3	43.1	8.29	47.8	24.3	81.8	62.0	7.13	30.1	3349	28232
36	80353-2-3-1-2	1.0	43.2	8.64	46.9	23.3	83.5	65.0	7.14	32.5	3529	30980
37	80353-2-3-2-1	1.0	46.1	8.15	45.5	22.8	83.8	64.6	6.82	34.0	3492	28377
38	80353-2-3-3-2	2.5	48.6	8.87	45.4	22.5	83.6	63.8	7.05	35.0	3440	30524
39	80353-2-3-4-1	1.3	45.6	8.36	48.1	24.3	82.3	63.2	6.71	31.5	3393	28287
40	80353-2-3-5-1	2.3	46.0	8.23	45.2	22.4	84.5	65.8	6.84	33.9	3564	29151
41	80353-2-3-6-2	0.5	48.1	8.23	47.4	23.9	82.5	63.1	6.86	31.8	3385	27683
42	80355-1-1-1-2	1.5	43.1	8.41	49.4	25.1	81.1	62.0	7.18	29.8	3349	28256
43	80355-1-2-1-1	0.0	44.3	8.15	48.3	24.6	82.1	63.2	7.16	32.3	3395	27484
44	80355-1-2-1-2	0.3	42.5	8.45	49.2	25.3	81.2	61.9	6.91	29.3	3364	27959
Mean		0.9	46.2	8.25	47.9	24.2	82.5	63.6	7.06	31.8	3411	28256
CV%		182.5	6.3	11.2	4.2	5.5	1.3	2.0	4.7	9.0	2.6	11.1
LSD(0.05)		2.3	2.9	NS	2.0	1.3	1.1	1.3	0.34	NS	88	NS
Significance levels ² :												
ENTRY		**	**	NS	**	**	**	*	*	NS	**	NS
TESTER		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
ENTRY X TESTER		NS	NS	NS	NS	NS	NS	NS	NS	*	NS	NS
LOC X ENTRY		—	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
LOC X TESTER		—	**	**	**	**	**	NS	**	**	NS	**

¹ Root lodging score (0-10, 0 = no lodging) recorded at Arlington² * P<0.05; ** = P<0.001, NS=not significant; — = not applicable (root lodging recorded only at Arlington)

No.	Inbred	Lodge score	Dry matter	Yield	NDF	ADF	IVD	NDFD	Protein	Starch	Milk/ton	Milk/ac
		0-10	%	t/a	%	%	%	%	%	%	lb	lb
1	HC33 X LH185	0.3	44.0	9.73	46.6	23.6	82.2	61.9	7.22	32.4	3385	33266
2	LH185 X LH198	1.3	47.0	9.78	47.0	23.5	83.7	65.4	6.79	33.6	3476	34531
3	LH279 X LH198	1.0	44.4	9.27	46.7	23.7	83.4	64.6	6.55	33.3	3493	32315
4	N48V8	1.8	47.7	10.60	47.9	24.4	82.5	63.5	6.51	32.9	3371	35811
5	P34B23	1.5	49.3	9.78	47.6	24.1	83.2	64.9	6.90	32.4	3420	33644
6	F657	0.3	44.8	5.49	46.8	23.2	84.8	67.6	6.93	34.2	3630	20531
Mean		1.0	46.2	9.11	47.1	23.8	83.3	64.7	6.82	33.1	3463	31683

Mean	11.0	40.2	5.11	47.1	23.8	33.3	34.7	3.32	33.1	3433	31033
CV%	108.5	5.8	5.0	3.4	4.0	0.9	1.5	1.6	6.7	2.2	5.7
LSD(0.05)	NS	NS	0.59	NS	NS	NS	1.2	0.14	NS	NS	2326