

FORAGE QUALITY NUMBERS

Below are the results of our testing program. Samples include both higher grazing heights and aggressive cutting heights. Most were sampled in mid to late spring and mid-summer. Most products have average, maximums and minimums. Remember, a lot of these samples were aggressively managed. We advise you to look at the data in terms of trends and potentials. **Always test your own forage.** The samples were wet chemistry for NDF and 24 hr NDFd. Protein, ADF, lignin and mineral were NIR. Kd rate is a calculated number that evaluates how fast a forage is digested in the rumen fluid. The higher the number the more digestible the fiber.

	Stat	CP % DM	ADF % DM	NDF % DM	LIGNIN % DM	NDFd24 % DM	Kd % HR	Nel	Adj Nel
ALFALFA	Ave	19.95	28.69	36.82	6.37	45.61	5.88	0.652	0.663
	Max	20.48	29.93	37.60	6.66	46.10	6.08	0.655	0.666
	Min	18.87	27.67	36.20	6.07	45.18	5.75	0.644	0.658
RED CLOVER <i>(Start and Freedom tended to be the most digestible variety.)</i>	Ave	23.90	25.17	33.56	5.18	43.73	5.11	0.704	0.693
	Max	28.16	38.06	46.57	8.61	58.06	9.80	0.774	0.808
	Min	17.46	17.40	21.62	3.53	29.08	2.25	0.614	0.561
WHITE CLOVER	Ave	30.58	19.96	23.62	2.83	63.09	8.44	0.771	0.804
	Max	31.16	22.20	26.21	3.14	67.78	11.59	0.759	0.837
	Min	30.24	16.69	18.97	2.53	58.27	6.49	0.755	0.779
ANNUAL & ITALIAN RYEGRASS	Ave	16.78	27.66	45.99	2.58	71.31	6.84	0.692	0.742
	Max	22.45	32.09	52.16	3.30	83.48	9.37	0.738	0.837
	Min	11.82	22.71	39.03	1.85	62.72	5.24	0.656	0.674
PERENNIAL RYEGRASS <i>(Tivoli tended to be the most digestible variety.)</i>	Ave	23.96	26.74	48.00	2.88	76.29	8.09	0.702	0.788
	Max	32.12	30.10	55.26	3.94	83.70	9.94	0.775	0.899
	Min	13.09	23.96	41.15	1.97	64.18	5.80	0.657	0.709
FESTULOLIUMS	Ave	20.43	28.71	49.69	3.02	71.89	7.06	0.689	0.754
	Max	32.07	32.65	56.45	4.23	82.57	9.11	0.766	0.866
	Min	10.58	24.25	42.63	1.95	57.51	4.71	0.638	0.638
MEADOW FESCUES <i>(Pradel tended to be the most digestible variety.)</i>	Ave	25.16	27.47	50.88	3.75	69.51	7.05	0.673	0.739
	Max	31.11	33.04	58.80	5.84	77.59	8.56	0.724	0.798
	Min	13.04	23.89	42.94	2.47	52.46	4.93	0.613	0.618
TALL FESCUES	Ave	22.68	27.79	49.80	3.10	65.02	5.77	0.681	0.709
	Max	28.05	31.18	58.98	4.28	78.20	8.08	0.728	0.811
	Min	13.78	25.62	43.65	2.30	46.11	3.36	0.620	0.564
ORCHARDGRASSES <i>(European varieties tended to be the most digestible.)</i>	Ave	21.20	29.33	56.02	4.00	64.89	5.99	0.672	0.715
	Max	31.27	34.22	64.22	5.78	77.65	8.27	0.842	0.901
	Min	9.19	24.93	44.26	2.76	55.97	4.83	0.614	0.635
BMR SORGHUM SUDAN / SUDANGRASS	Ave	20.11	30.42	56.51	3.25	72.45	7.08	0.672	0.748
	Max	25.38	34.65	61.17	5.24	81.90	10.52	0.709	0.803
	Min	10.42	28.14	52.70	2.30	60.75	4.63	0.598	0.675
ALASKA BROME	Ave	21.30	32.71	57.70	4.51	68.88	6.49	0.638	0.717
MEADOW BROME	Ave	19.14	32.80	56.29	4.04	65.27	6.03	0.644	0.690
SMOOTH BROME	Ave	22.12	32.79	60.52	5.43	55.74	4.96	0.627	0.634
JERRY OATS	Ave	16.80	31.29	49.59	3.28	62.51	5.42	0.675	0.695
EVERLEAF OATS	Ave	19.76	27.70	41.79	2.46	76.38	7.97	0.712	0.789

MANAGEMENT INFO