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## Mean Nutrient Content of Feeds Commonly Used in Beef Ca

Feedstuff	DE (Mcal/kg)	ME (Mcal/kg)	NE <sub>m</sub> (Mcal/kg)	NE <sub>g</sub> (Mcal/kg)	TDNs (%)	Crude Protein (%)
Alfalfa ( <i>Medicago sativa</i> )						
Fresh	2.73	2.24	1.38	0.80	62	18.9
Fresh, late vegetative	2.91	2.39	1.51	0.92	66	22.2
Fresh, full bloom	2.22	1.81	0.97	0.42	50	19.3
Hay	2.65	2.17	1.31	0.74	60	18.6
Hay, sun-cured, early bloom	2.65	2.17	1.31	0.74	60	19.9
Hay, sun-cured, mid bloom	2.56	2.10	1.24	0.68	58	18.7

Hay, sun-cured, full bloom	2.43	1.99	1.14	0.58	55	17.0
Silage	2.78	2.28	1.41	0.83	63	19.5
Barley ( <i>Hordeum vulgare</i> )						
Grain	3.84	3.03	2.06	1.40	88	13.2
Silage	2.65	2.17	1.31	0.74	60	11.9
Beet pulp, dried	3.26	2.68	1.76	1.14	74	9.8
Bermuda grass ( <i>Cynodon dactylon</i> )						
Fresh	2.82	2.31	1.44	0.86	64	12.6
Hay, sun-cured	2.16	1.77	0.93	0.39	49	7.8
Brewer's grains, dried	2.39	2.39	1.51	0.91	66	29.2
Citrus pulp, dried	3.62	2.96	2.00	1.35	82	6.7
Corn ( <i>Zea mays indentata</i> )						
Distiller's grains, dried	3.88	3.18	2.18	1.50	90	30.4
Gluten feed	3.53	2.89	1.94	1.30	80	23.8

Grain, cracked	3.92	3.25	2.24	1.55	90	9.8
Silage, well- eared	3.17	2.60	1.69	1.08	72	8.7
Cotton ( <i>Gossypium</i> spp)						
Seed	3.97	3.25	2.24	1.55	90	24.4
Meal	3.31	2.71	1.79	1.16	75	46.1
Molasses, cane	3.17	2.60	1.70	1.08	72	5.8
Oats	3.40	2.78	1.85	1.22	77	13.6
Sorghum ( <i>Sorghum bicolor</i> ), grain	3.62	2.96	2.00	1.35	82	12.6
Soybeans ( <i>Glycine max</i> ), meal	3.70	3.04	2.06	1.40	84	51.8
Wheat ( <i>Triticum aestivum</i> )						
Wheat bran	3.09	2.53	1.63	1.03	70	17.4
Fresh, early vegetative	3.22	2.64	1.73	1.11	73	27.4

<sup>a</sup> Dry-matter basis; DE, digestible energy; ME, metabolizable energy; NE<sub>m</sub>, net energy for maintenance; NDF, neutral detergent fiber; ADF, acid detergent fiber.

Adapted, with permission, from *Nutrient Requirements of Beef Cattle*, 2000, National Academy

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