

**'Book' Values\* for Selected Feedstuffs and Forages**  
*Dry Matter Basis*

\*from Nutrient Requirements of Beef Cattle, NRC 1996 ed. and other sources

	% Dry Matter	% Crude Protein	% TDN	% Ca	% P
<b>Protein Sources</b>					
Cottonseed meal	92	46	75	0.18	1.21
Corn Gluten feed	90	24	80	0.36	0.82
Distillers Dried Grains	92	26	88	0.15	0.71
Canola meal	90	40	71	0.75	1.16
Urea	99	291	0	0	0
<b>Energy Sources</b>					
Corn	88	9.8	88	0.02	0.35
Soybean hulls	91	12.1	80	0.49	0.21
Grain Sorghum (milo)	89	11.6	76	0.04	0.34
Wheat	88	14.4	88	0.05	0.43
Wheat midds	89	18.4	69	0.13	0.99
Whole Cottonseed	92	24.4	90	0.16	0.75
Oats	91	13.6	73	0.07	0.38
Rice bran	91	14.1	70	0.08	1.70
Distiller Dried Grains	91	30.4	88	0.15	0.71
Molasses	74	5.8	72	1.00	0.10
Soybean Oil	100	0	177	0	0
<b>Hay</b>					
Bermuda - poor	91	5	45	0.43	0.20
Bermuda - typical	91	7.8	49	0.45	0.24
Bermuda - good	91	14	52	0.49	0.27
Haygrazer - typical	91	8	52	0.55	0.30
Haygrazer - good	91	11.3	56	0.43	0.41
Alfalfa - cow quality	91	14	50	1.13	0.18
Alfalfa - horse quality	91	30	66	1.13	0.80
Rice Hay ( <i>not straw</i> )	92	7.4	55	0.21	0.22
Soybean Hay	92	18	53	1.26	0.27
Peanut Hay	91	11	55	1.23	0.15
<b>Fiber/Fillers</b>					
Cottonseed hulls	91	4.1	42	0.15	0.09
Rice hulls	92	3.3	12	0.10	0.08
Peanut hulls	91	7.8	22	0.26	0.07
Cotton Burrs (Gin Trash)	91	10	42	1.70	0.25
<b>Forages</b>					
<i>Winter Range</i>	80	4.7	50.0	0.26	0.15

To determine 'as fed' nutrient content, multiply % nutrient by % dry matter.

Example: whole cottonseed 24.4% CP \* 0.92 = 22.4% crude protein as fed.

BEEF Magazine Feed Composition Tables (updated annually by Dr. Rod Preston)  
<http://beefmagazine.com/images/2011FeedCompTables.pdf>

Dairy One Forage Laboratory

<http://www.dairyone.com/>

1. Forage Laboratory Services
2. Additional Features
3. Feed Composition Library
4. Read the guidelines then click 'OK'
5. Main Library



Home Publications Contact Us Links About Us Employment

Forage Laboratory Services

Feed Composition Library

» Main Library

<b>Forages:</b> <input checked="" type="radio"/> Hay <input type="radio"/> Fresh <input type="radio"/> Silage	<b>Grains/ Byproducts:</b> Energy Feeds <input type="radio"/> Dry <input type="radio"/> Hi Moist. / Wet  <b>Protein Feeds:</b> <input type="radio"/> Dry <input type="radio"/> Hi Moist. / Wet
100 - LEGUME HAY	
Crop Year: Accumulated crop years: 05/01/2000 through 04/30/2011	
<input type="button" value="Search"/>	

Home | Publications | Contact Us | Links | About Us | Employment  
Farm & DHIA Services | Forage Laboratory Services | Soils Laboratory Services  
Dairy Management Resources | Milk Laboratory Services  
Equi-Analytical Laboratory Services | Farmland Environmental | Current Events

OSU Cow-Culator

<http://beefextension.com/new%20site%202/cccalc.html>