

No Cow, Bull,  
Heifer, Steer, or  
Calf has ever  
eaten a pound of  
Feed

**Cows eat**  
**VOLUME,**  
**not weight.**

# NRC: Predicting Feed Intake of Food-Producing Animals

*“... production is determined by the cow’s capacity for feed, particularly undigested residues, and the rate at which undigested feed can be moved through the alimentary canal.”*

# Feed Intake is controlled by:

- Feed Volume
- Rate of Passage

# Feed Volume

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# Nutrient

# Density

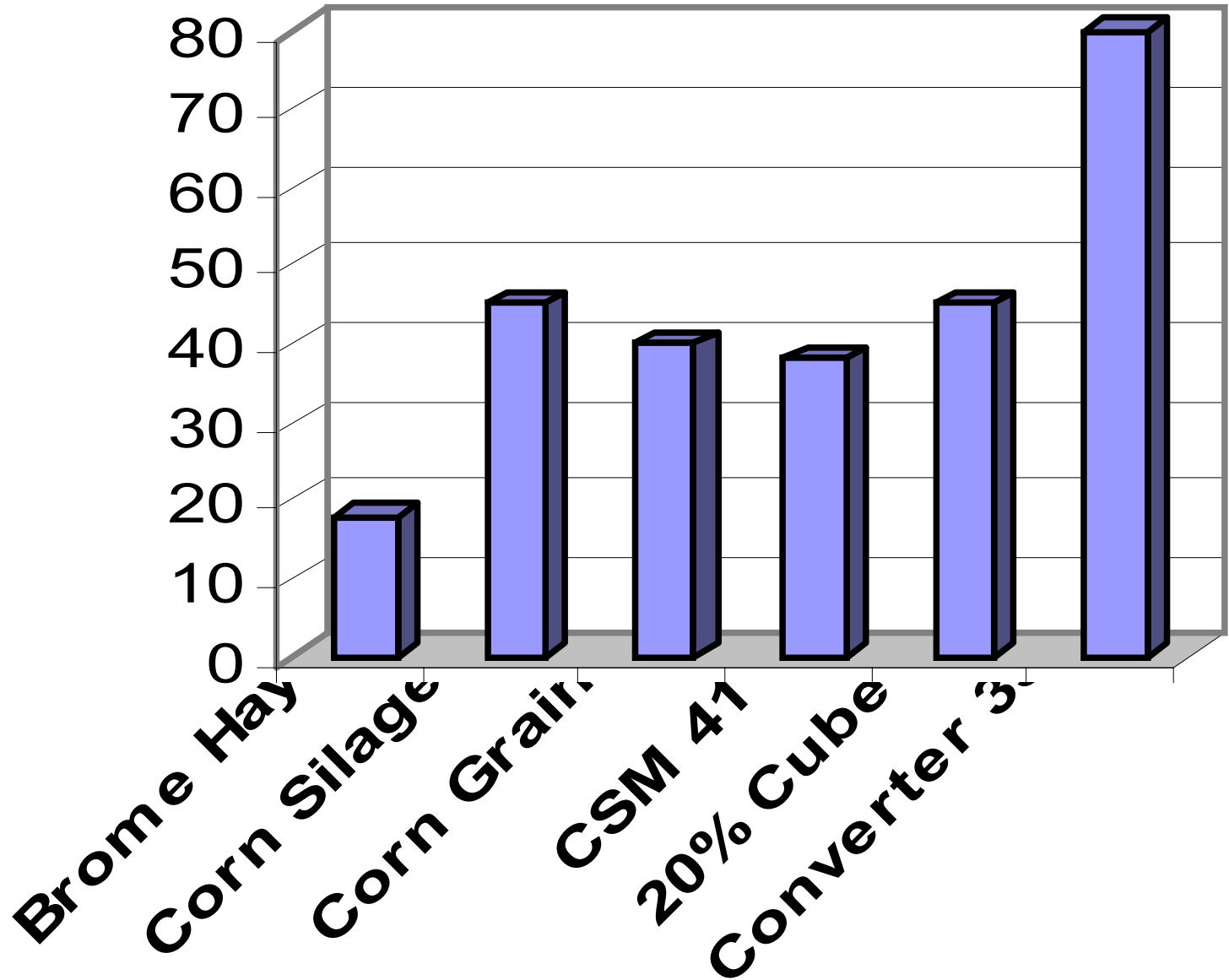
# Feed Density and Nutrient Concentration

Per Cubic Foot

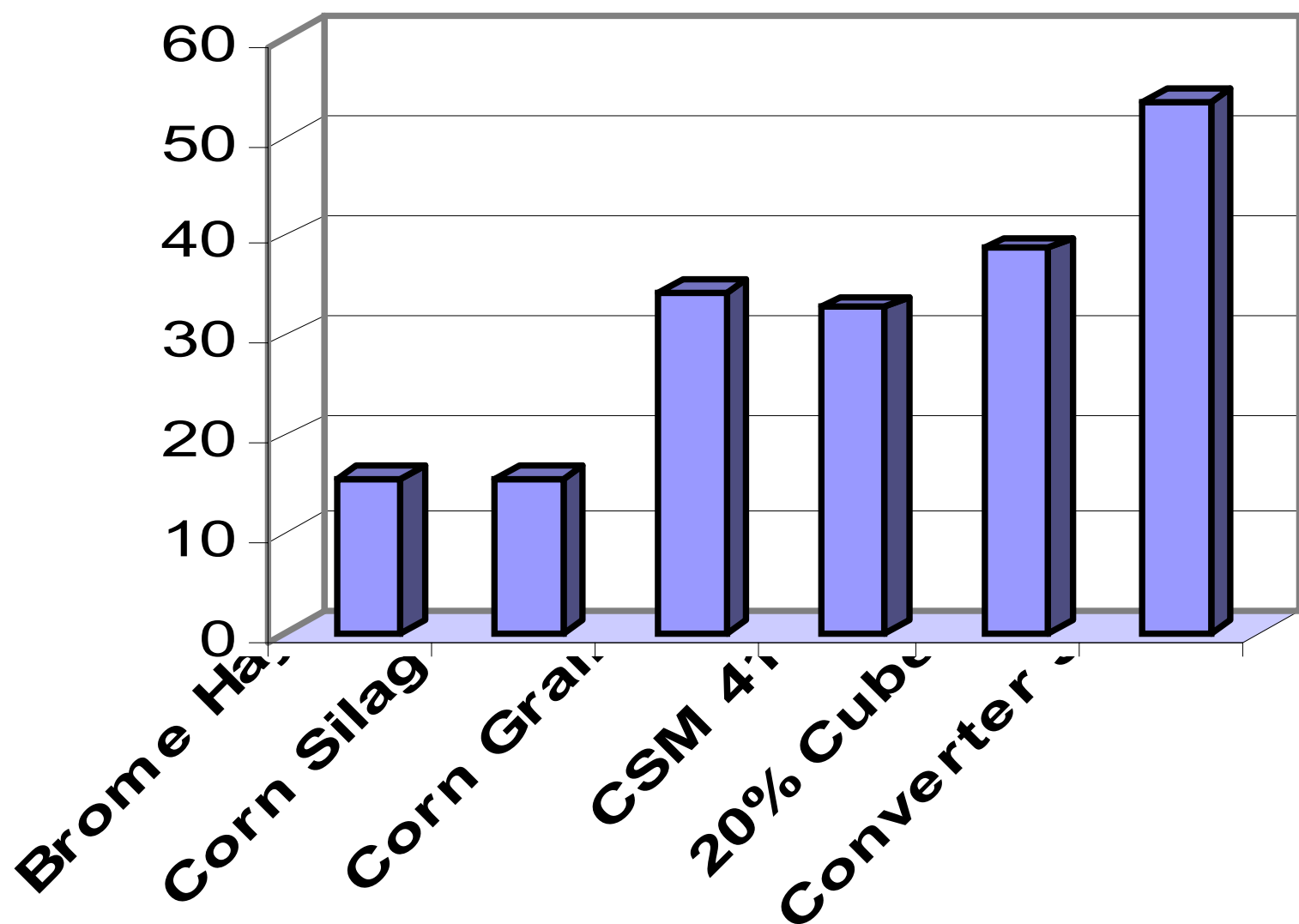
		Brome Hay	Corn Silage	Corn Grain	CSM 41	20% Cube Converter 35	
Lb/Cu.Ft	Lbs.	18	45	40	38	45	80
Dry Matter	Lbs.	15.5	15.8	34.4	32.7	38.7	53.6
TDN	Lbs.	7.8	11.0	30.6	29.6	27.7	44
Protein	Lbs.	1.5	1.3	3.5	15.6	9.0	28*
Phos	Lbs.	0.04	0.03	0.1	0.38	0.59	0.8
Magnesium	Lbs.	0.03	0.03	0.05	0.15	0.16	0.20
Copper	Mg	41	72	64	294	1260	2542
Manganese	Mg.	856	215	80	345	3600	7264
Zinc	Mg.	122	150	224	1036	3600	7264

*\* 5.2 lb natural protein in one cubic foot of Converter 35*

Lb/Cu.Ft



# Dry Matter Lb/Cubic Foot

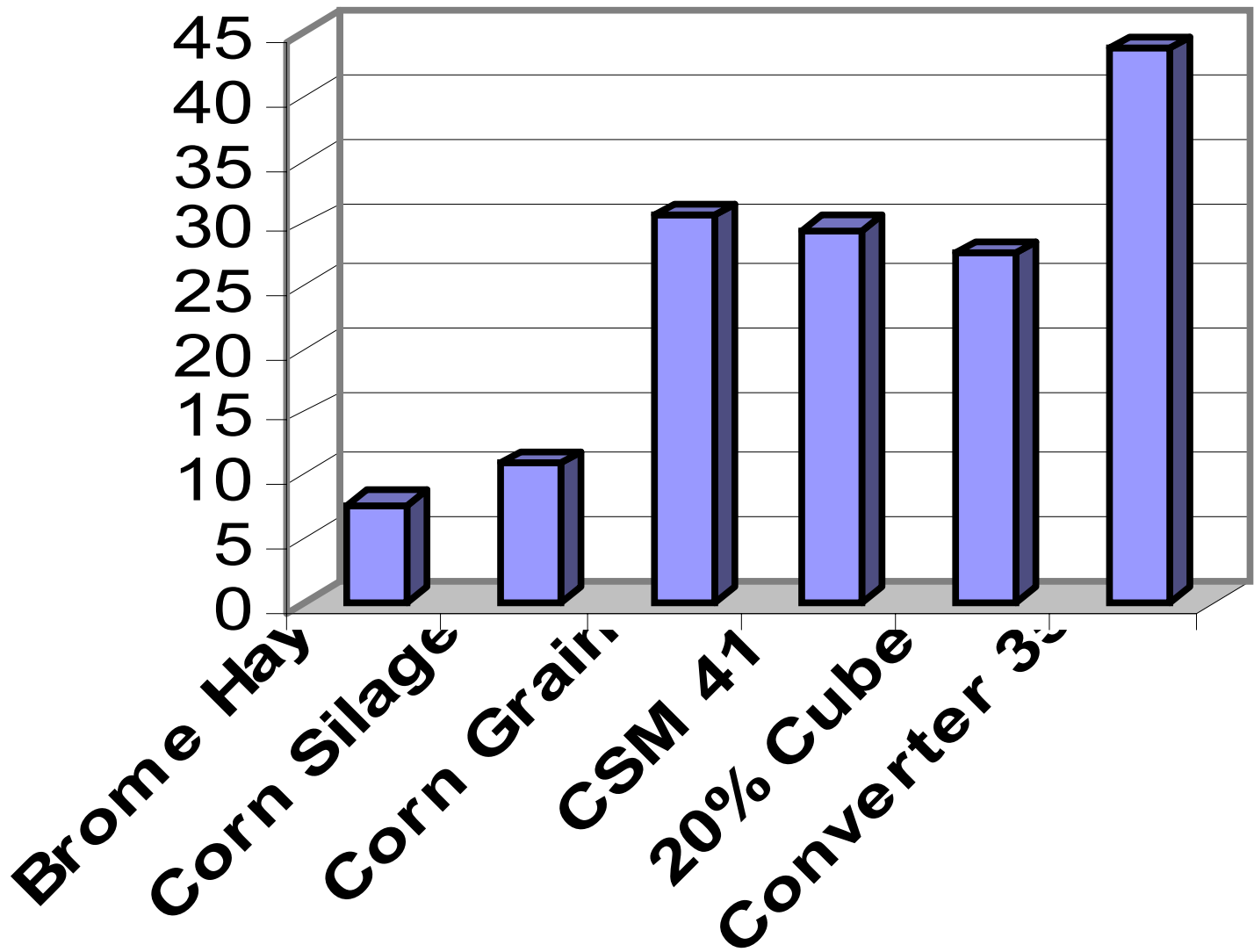


Converter 35 has  
more energy than  
Corn!



# TDN

Lb/Cubic Foot



# NRC: Nutrient Requirements of Beef Cattle

*“...pregnant cows nearing parturition consume 12 to 13 percent less feed than nonpregnant cows.”*

More nutrients per  
mouthful in

**Converter 35**

**Liquids  
supplements leave  
room for the cow to  
do her job --  
harvest roughage.**

**The sugars in Liquid  
Supplements help  
the cow process  
roughage faster.**

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