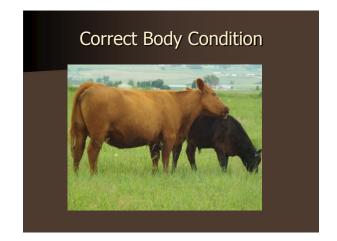
"Everything you ever wanted to know about pasture management, hay analysis, and cow (and horse) nutrition crammed into 60 minutes!" ⊜	
Kelcey Swyers, PhD, PAS Owner / Private Nutritionist	
Nutrition Consulting NUTRITION COMBULTING, INC.  Nutrition Annual Consulting Hay Day, Summer 2017	
Most Common Mistakes	
<ul><li>Overgrazing Pastures</li><li>Overstocking the ranch, such that a "purge" is necessary during drought years</li></ul>	
<ul><li>Feeding hay that is WAY TOO GOOD</li><li>Spending money in the wrong places on mineral</li></ul>	
program (or no mineral program)  Spending money in the wrong way on winter protein supplementation	-
<ul> <li>Buying whatever the "feed sales rep convinces them of" and not what they really need</li> <li>Reading too much "stuff" on the internet</li> </ul>	
Reading too much stan on the internet	
Cows will tell on you if you	
cut too many corners	

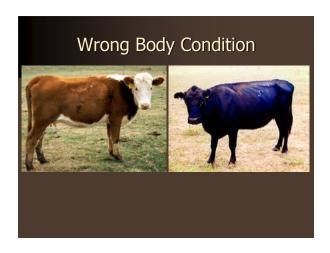


What is typical BW for a mature beef cow?













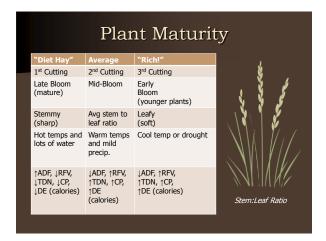
## Do you have enough forage to maintain her?

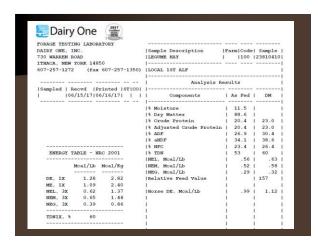
## Winter and Mid - Late Gestation

- DMI ~1.5% BW
- 1400 lb bred cow x 0.02 = 28 lbs DMI
- Hay is ~90% DM
- 28 lbs DMI / 0.90 = ~31 lbs as-fed
- ~10-11% Protein and ~55% TDN
- Protein supplementation often increases DMI

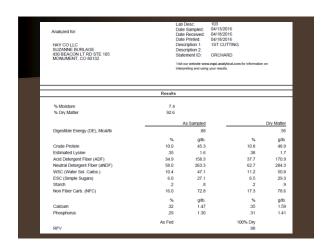
## Spring & Summer Peak Lactation and Rebreeding

- DMI ~2.0% BW
- 1300 lb open cow x 0.025 = 32.5 lbs DMI
- Grass is ~30% DM
- 32.5 lbs DMI / 0.30 =
- 32.5 lbs DMI / 0.30 = ~108 lbs as-fed
- ~11-12% Protein and ~60-64% TDN
- Cows should reach top BCS for breeding = FLUSH





## What about Horses? Horses should have forage-based diet Goal: maximize forage intake - Dry matter intake (DMI) requirement: Maintenance: 1.5-2% of BW Lactating Mares: 2.5 to 3% of BW Ex: for a typical 1100 lb (500kg) horse > 1100 x .015% = 16.5 lbs of forage (dry matter) > = 18 lbs as-fed of hay (30-40% of a typical small square) > = 55 lbs as-fed of green pasture









Pastures are our most VALUABLE resource...

...don't cross overgrazing stress with drought stress!

Rotate: Allow for "Rest"
During Growing Season





