

Forage Quality Standards

Grass Hay

<u>Standard</u>	<u>Dry Matter Basis</u>	
	<u>TDN</u>	<u>Crude Protein</u>
Excellent	58% or above	12% or above
Good	55 – 57%	10 – 11%
Fair	52 – 54%	8 – 9%
Poor	Below 52%	Below 8%

Legume Hay

<u>Standard</u>	<u>Dry Matter Basis</u>	
	<u>TDN</u>	<u>Crude Protein</u>
Excellent	64% or above	18% or above
Good	60 – 63%	16 – 17%
Fair	57 – 59%	14 – 15%
Poor	Below 57%	Below 14%

Note: Determine hay quality by TDN rating. If hay does not meet CP requirement or is less than 83% DM, lower one grade.

Silage

<u>Standard</u>	<u>Dry Matter Basis</u>		<u>Moisture</u>
	<u>TDN</u>	<u>Crude Protein</u>	
Excellent	65% or above	8% or above	70% or below
Good	60 – 64%	7 – 8 %	71 – 74%
Fair	55 – 59%	6 – 7%	75% and above
Poor	Below 55%	Below 6%	75% and above

Note: Determine silage quality by TDN rating. If silage does not meet either CP or Moisture requirement for quality, lower one grade.

<u>Silage pH Guides</u>	<u>Quality</u>
4.2 and under	Excellent
4.3 – 4.7	Good
4.8 – 5.1	Fair
5.2 and over	Poor