

Pasture Assessment Methods:

- Walking the Pasture (Visual observations)
- Grazing Stick (estimate DM and size paddocks)
- Step-Point Worksheet (Data Collection)
- Pasture Condition Scoring (National Protocol and Required Assessment for NRCS)







Using a Grazing Stick to measure and plan pastures:





Determining Forage Volumes/Yields Pasture Stick Exercise

- Refer to the grazing stick for grazing residue height and calculate the inches of available forage (*In this example,* graze to 3 inches, leaves 4 inches of available forage)
- Multiply the available forage inches X DM/AC/IN from the chart on the stick and that will give you the pounds of Available Forage per acre (Lbs/acre)
 - 4 inches (Available) X 300 lbs/acre/inch = 1,200 lbs/acre

Live (includes dormant) Plant Cover								
Live dorm C	Includes Int Plant over	 40-65% is live leaf canopy. Remaining is either dead standing al, material, or bare ground. 	66-80% live leaf canopy. Remaining is either dead standing material, or bare ground.	81-95% live leaf canopy. Remaining is either dead standing material, or bare ground.	More than 95% live (non-dormant) leaf canopy. Remaining is either dead standing material, or bare ground.			
	How good is my solar panel?							

Compaction: Dense or thick platy layer very distinct;	Compaction: Dense or platy layer noticeable;	Compaction: Thin dense or platy layer still present;	Compaction: Minor dense or platy layer; good aggregates common (crumbly soil);	Compaction: No dense or platy layer crumbly soil throughout;
Roots: Dominantly horizontal; most shallow/sparse;	Roots: Numerous horizontal; moderate amount shallow/sparse;	Roots: Some horizontal with increasing downward;	Roots: Few horizontal, more downward through the soil profile;	Roots: Abundant growth primarily downward through th soil profile;
Color: Surface horizon same as subsoil;		Color: Surface horizon moderately darker than subsoil;		Color: Surface horizon dramatically darker than subsoil;
Soil Life: Few or no signs.	Soil Life: Signs scattered in surface layer.	Soil Life: Signs scattered throughout.	Soil Life: Signs numerous throughout.	Soil Life: Signs abundant throughout

Summary:
 WHY Pasture Condition Scoring (PCS)? Assess and rate different pastures in a single growing season or rate the same pasture or paddock over several years. It should be done at least annually. Rating pastures seasonally to track trends in pasture condition. Pasture indicators may rank very low initially but improve as management changes over time. A review of score summaries and specific low scoring indicators should be done with the farmer.
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