

# Pasture Quality Indicators

Location:

Date:

Pasture Maturity			
Age		Stage of Growth	
Dung Score			
Characteristics		Description	
Consistency			
Form			
Moisture Content			
Coverage			
Type of Coverage (Basal/Foliage)		% of Soil Covered	
Species Composition			
Desirable Plant Species	Approx. %	Undesirable Plant Species	Approx. %
Plant Diversity			
Plant Families		Approximate % of Each	
Visual Plant Health			
Possible Issues	Description		
Nutrient Deficiencies			
Growth Issues			
Physiological Issues			
Pest and Disease Attack			
Brix Reading			
Level (0-32)			
Dividing Line Definition			

# Microbial Activity Indicators

Location:

Date:

Legume Nodulation	
Total No. of Nodules	
Depth Nodulation	
Colouring Inside Nodules	
Rhizosheath Development (Young Plants)	
Plant Species	Approx % of Roots Covered
Beneficial Soil Fauna (per 20cm <sup>3</sup> spade block)	
Species	Amount
Earthworms	
Number of Other Species	
Litter Decomposition	
% Callico Strip Decomposed @1 Month	
Visual Decomposition Activity	
Dung Beetles	
Time Taken for Dung Breakdown	
Dung Beetle Presence in Manure	
Incidence of Holes in the Soil Beneath	

# Soil Health Indicators

Location:

Date:

Topsoil Depth and Colour	
Depth	
Colour	
Root Depth	
Depth of Root Bulk	
Depth of Deepest Roots	
Structural Appearance	
% Crumbly, Fine, Round Aggregates	
% Large, Firm, Angular Clods	
% Loose Unstructured Soil	
Aggregate Stability	
% Slaking @ 2hrs	
% Dispersion @ 20hrs	
Soil pH	
Depth	pH
Compaction	
Depth of Threshold Changes	
Reading (PSI)	
Water Infiltration	
mm	minutes