

Pasture Quality Assessment

Location:

Date:

Indicators	Parameters	Poor	Medium	Good
Pasture Maturity	Poor - Unestablished or Setting Seed Mediocre - Flowering Good - Established Vegetative Growth			
Dung Score	Poor - Sloppy or Hard and Dry Mediocre - Soft, Collapsed, Wet Good - Firm, Well Formed, Moist			
Basal Coverage (>12 weeks age)	Poor - Less Than 50% Mediocre - 50 to 75% Good - Above 75%			
Foliage Coverage (>12 weeks age)	Poor - Less Than 75% Mediocre - 75 to 90% Good - Above 90%			
Species Composition	Poor - Less Than 60% Desirable Mediocre - 60 to 90% Good - Above 90%			
Plant Diversity (number of families well represented)	Poor - 1 Mediocre - 2 or 3 Good - 4 or More			
Visual Plant Health	Poor - Multiple Issues Mediocre - 1 Issue Good - No Issues			
Brix Reading	Poor - Less Than 6 Mediocre - 6 - 12 Good - Above 12			

Score:

Percent:

Microbial Activity Assessment

Location:

Date:

Indicators	Parameters	Poor	Medium	Good
Legume Noulation (applies to plants over 12 weeks old)	Poor - Shallow, No Colour, <10 per Plant Mediocre - Sparse, Pink, 10 - 20 Good - Entire Root, Red, >20 per Plant			
Root Rhizosheaths (young plants)	Poor - Most Roots Bare Mediocre - Most Roots Covered Good - Roots Totally Covered			
Earthworms (per 20cm cube of soil)	Poor - Less Than 3 Mediocre - 3 to 5 Good - More Than 5			
Beneficial Soil Fauna (per 20cm cube of soil)	Poor - None Mediocre - 1-3 Species Good - 4 or More Species			
Litter Decomposition (callico decay/visual decomposition activity)	Poor - <50% Callico Decay, None Mediocre - 50 - 75% Callico Decay, Some Good - >75% Callico Decay, Lots			
Dung Beetles (dung breakdown, beetle and holes)	Poor - >1 Month, None Mediocre - >1 Week, a Few Good - Within a Week, Lots			

Score:

Percent:

Soil Health Assessment

Location:

Date:

Indicators	Parameters	Poor	Medium	Good
Topsoil Depth	Poor - Less Than 15cm Mediocre - 15-30cm Good - Greater Than 30cm			
Topsoil Colour	Poor - Light Colour Mediocre - Inbetween Colour Good - Dark Colour			
Bulk (80%) Root Depth	Poor - Less Than 10cm Mediocre - 10-20cm Good - More Than 20cm			
Structural Appearance	Poor - Mostly Large Clods or Loose Soil Mediocre - Similar Portions of Both Good - Mostly Friable, Round, Aggregates			
pH	Poor - Under 5 or Above 8.5 Mediocre - 5-6 or 7.5-8.5 Good - Between 5 and 6			
Compaction	Poor - Greater Than 300PSI Mediocre - 200-300PSI Good - Less Than 200PSI			
Water Infiltration	Poor - Less Than 25mm/hr Mediocre - 25-100mm/hr Good - Greater Than 100mm/hr			

Score:

Percent: