

Changing Landscapes Starts by Changing Ourselves

UMCCC Forum 2016

Managing Your Land for the Future

Resilience and Adaptation for Climate Change

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A Pasture Grazed for Recovery will Produce Two to Three Times
the Biomass in a Season, when Compared to a Similar Pasture that
is Constantly Grazed

Grazing Principles or Rules of Thumb

- Do not stay too long in fast growth
- Do not return too soon in slow growth
- Be pessimistic about growth rates
- Do a plan for the growing season based on plant recovery time
- Do a plan for the dormant season, a feed budget
- Adjust stock numbers as conditions change, assess feed often

The Effect of Disturbance 2009 on Soil Organic Carbon

Vegetation type	pH soil/water	%Total Nitrogen	% Organic Carbon 7 cm sample	Available Phosphorus Colwell
Grazed Pasture	5.4	0.34	3.22 97t CO2e	55.1
Grazed Pasture	5.9	0.24	2.76 85.7 t CO2e	26
Ungrazed Revegetation	5.3	0.17	1.86 62t CO2e	13.8
Ungrazed Revegetation	5.9	0.13	1.97 66 t CO2e	11.3



93 t roots
per hectare

7 t roots per ha

August after 75 days recovery

No recovery

Planned Grazing in Foreground
3-1-2008

