

A total of 285 animals are allocated to treatments as follows:

- Cell Grazing (CG): 234 head (*see note below).
- Set Stocked (SS – lower SR): 24 head.
- Set Stocked (SS – higher SR): 27 head (SS).

*Note that in the first year of the trial a lower stocking rate is being used for the CG treatment (208 head) with the intension of increasing this if assessed to be sustainable.

The paddock movements for the cell grazing treatment depend on pasture condition and season. The regime will be will approximately as follows:

- Early Wet (Nov-Dec): 60 days rest period; cattle moved very 2-3 days.
- Mid/Late Wet (Jan-Mar): 25 days rest period; cattle moved daily.
- Dry Season (Apr-Oct): 90 day rest period; cattle moved every 3-5 days.

The performance of cattle is to be recorded every 3 months. In addition, fasted live weights will be recorded at the beginning and end of the year, as well as fat depth.

An automated 'walk-over-weighing' system will be incorporated into the trial to look at the potential of this technology as a management tool for cell grazing systems.

Other measurements include pasture assessment (twice annually) and analysis of soil carbon at the start and finish of the project.

Trial Updates

Trial updates will be regularly posted on the Primary Industry Website.

http://www.nt.gov.au/d/Primary_Industry/index.cfm?header=Cell%20Grazing%20for%20Better%20Productivity%20and%20Carbon%20Sequestration#tupdate

