

2018

“JILLAMATONG” CASE STUDY:
PRODUCTIVITY REPORT

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Production in the grazing enterprise:

a. Key physical and production data:

The key indicator of DSE per ha per 100 mm of rainfall is a widely used industry measure to provide an indication of the carrying capacity of the land, in relation to rainfall. Tracking this indicator over time gives a relative measure of the relationship between carrying capacity (DSE/ha) as it relates to seasonal conditions (100mm rainfall).

This indicator should be combined with other physical measures, such as groundcover and perenniality, to ensure that land health continues to improve and that an increase in DSE/ha/100mm rainfall does not come at the expenses of regenerative practices.

Information on land health on the farm is contained in a separate report.

Over the period the DSE/ha/100mm of rainfall shows a trend upwards; from 3 DSE/ha/100 mm rainfall in 2004/5 to 8.0 DSE/ha/100mm rainfall in 2013/14.

Low rainfall over the 2009-2011 period is also evident in a reduction in the indicator, which is reversed in 2011 onwards with a return to average or better seasons.

The relationship between rainfall and carrying capacity is presented in the following graph.

