

Introduction

Limited information on influence of Defoliation (intensity and frequency) on nutritive value of Nama Karoo shrubs.

Crude protein (CP) content

Nenax microphylla (Daggapitkaroo)

Pentzia incana (Ankerkaroo).



Material and methods

Greenhouse trial

Defoliation frequencies: three, six and twelve months.

Defoliation intensities: to heights of 50, 125 and 200 mm.

Separated into: edible (leaves and twigs with diameter < 2 mm), and non-edible (twigs with diameter > 2 mm)

Edible portions were analysed for CP with Leco CN Determinator.



| | Nenax | microphylla | |
|-----------------------|--------|----------------------------------|--------|
| Frequency (months) | CP (%) | Intensity (to heights of, mm) | CP (%) |
| 3 | 13.3 | 50 | 13.6 |
| 6 | 10.4 | 125 | 12.3 |
| 12 | 8.1 | 200 | 11.9 |
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