

NORTH WEST DEPARTMENT OF AGRICULTURE AND
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AGRICULTURAL SUPPORT SERVICES

Adaptive veld management
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Adaptive veld management

- This system of management operates in a trial and error basis. The farmer is expected to make management decisions by learning from the mistakes and successes of neighbouring farmers including his experience.
- In this system the farmer is not left on his own, it is a joint exercise between the farmer, the extension officer and the researcher.

1. Make an inventory of natural resources on the farm

- Water sources
- Vegetation
- Stock feeds
- Grazing area
- Fencing

2. Set objectives.

- What type of animal he requires?
- What animal performance he requires?
- What veld condition he requires?

3. Assess each veld type or one camp for each veld type.

- Through proper veld survey.
- Take photographs.
- **Assess each camp**
- Camp visit before grazing
- Identification of indicator species
- Utilisation of indicator species

Utilization of indicator species

Utilization class	Palatable species	Unpalatable species
Not utilized/ under utilized	Slightly utilized	Not utilized
Utilized	70% utilized	Slightly utilized
Over utilized	100% utilized	70% utilized

TWO TYPES OF VELD MANAGEMENT SYSTEMS

- **Continuous Grazing**
 - Manipulate grazing through watering points
 - Summer & Winter grazing areas
- **Rotational Grazing**
 - Multi-camp system
 - Rotate between camps (rest periods)
 - Summer & Winter camps

Conclusion

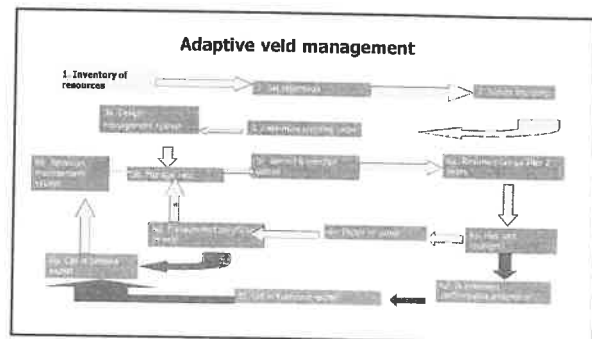
- Man must measure.
- Man must monitor.
- Man must manage.

Utilization of indicator species

Utilization class	Palatable species	Unpalatable species	Action taken
A = Not utilized/ under utilized	Mhalitha=A Mosu=A Mooka=A	Mosetha=A Mosiasla=A Motshotho=A	Stock and graze
B= Utilized	Morobe=B Mokgalo=B Moretwa=A	Mothaje=B/B Morukuru=A/B Mogodiri=A/B/C	Withdraw animals from camp
C = Over utilized	Mogotho=C Moselesele=C Species 3=C	Mokwerekwere=B=A Species 3=A	Withdraw animals immediately

Adaptive veld management

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Monitoring

