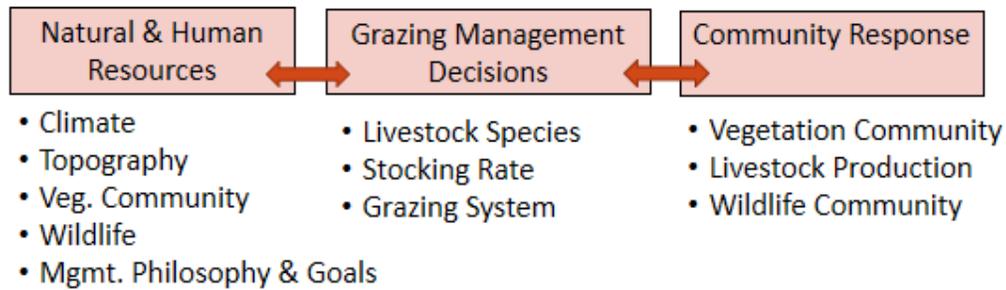


Grazing Management - Rangeland Principles (Rem 151) - Note Guide

Principles of Rangeland Management



Principles of Rangeland Management

- 1)
- 2)
- 3)
- 4)
- 5)
- 6)

Major Principles of Rangeland Management - <https://youtu.be/eBAHBUBS2AI>

1) Know your resources & goals = Land, animal, human, economic & environmental

2) Balance supply with demand = Stocking Rate

3) Manage Livestock Distribution

-
-
-
-
-
-
-
-
-
- Others?

Where animals graze....

• Some things we CAN'T change:

- _____
- _____
- _____
- _____

• Some things we CAN change:

- _____
- _____
- _____
- _____
- _____

How far animals graze from water depends on:

- The Animal
 - Sheep > Cattle
 - Brangus > Angus Cattle
 - Young > Old
- The Land
 - Rough country: ~ ___ mile max
 - Rolling country: ___ mile max
 - Flat sandy country: ~ ___ mile max
 - Flat country: ~ ___ mile max

Distribute Livestock Evenly (<https://youtu.be/gNIJgJMP56s>)

Animal Characteristics Matter

-
-
-
-
-
-

Improving Animal Distribution – Prescribed Burning

Improving Animal Distribution - Fence

Positive

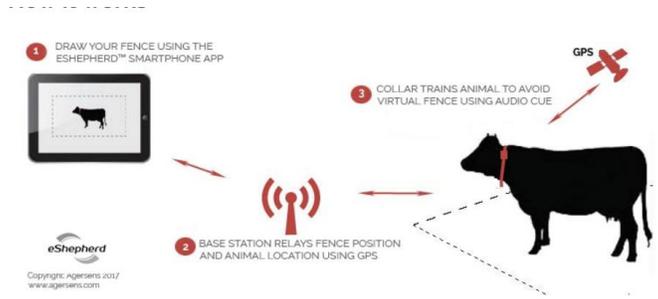
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- Manage season of use
- Allow rotational grazing systems

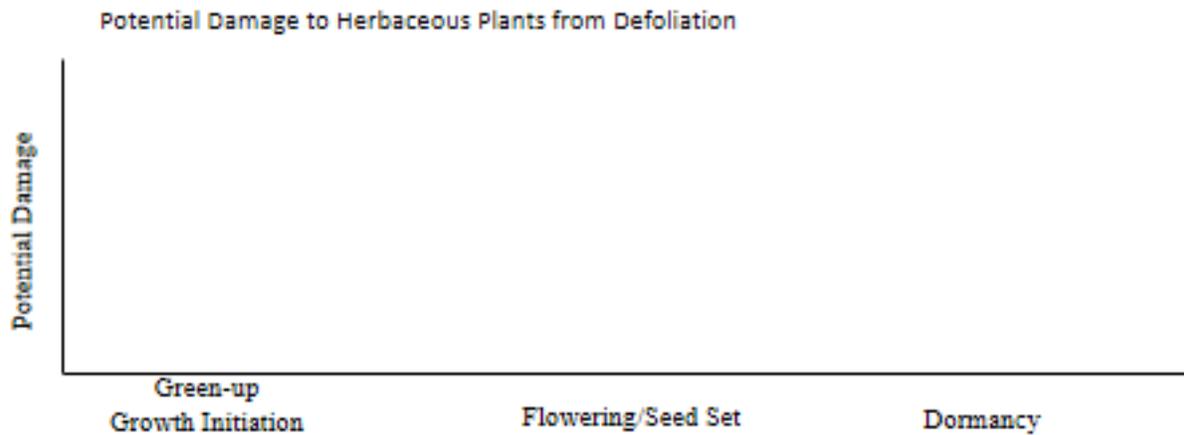
Negative

-
-
-

Virtual Fence? First commercial product by agersens.com <https://youtu.be/8SaM0lsG8Y4>



4) Minimize grazing during sensitive season



When is grass sensitive to grazing? <https://youtu.be/gaJVwU0H9DI>

Timing of Grazing - Effect of grazing varies according to:

- Season of Use
- Phenological Stage of Plant
- Opportunity for Regrowth

Provide Effective Rest

- _____
- _____
- _____

6) Monitor for change

- Photographs
- Numbers

Pasture for control:

- Reduce pasture size
- Increase animal density
- Provide rest
- Facilitate targeted grazing

A Good Grazing System Should...

- Account for plant physiology and response
- Be suited to kinds of plants present
- Be adapted to soil conditions
- Improve range conditions and forage production by favoring desired plants
- Be adapted to soil conditions
- Not be detrimental to animal gains
- Be practical to implement in a ranching operation