

Examples of Sustainability in Forages

Examples

Examples of Non-Sustainability in Forages

-
-
-
-

Biodiversity

- Defined as “.....”
- components
- Biodiversity is
- Sub-species effects –

- Rio accord (1992) –
-
- Hence there is an emphasis
- In some areas restoration and preservation of federally owned land is only with native species (pg 375)

Biodiversity – measurement

- ♣ (species number)
- ♣ (role of dominant and rare species)
- ♣

- ♣ Range condition can be scored by a system
-
- Introduced species = impaired condition.
- ♣ The argument for native species is based on the hypothesis that
-
-

Practical applications

- ♣ Benefits of mixtures (.....)
- ♣ – e.g. bloat if legumes exceed 30% of forage, dilution of endophyte in tall fescue and ryegrass
- ♣ Complimentary growth patterns e.g.
.....
- ♣ Faster recovery from drought
- ♣ of range and prairie (some question about using seed having the appropriate genetic diversity)
- ♣ Exploit spatial variability (e.g. vary species composition on sun-facing and shade-facing slopes)
- ♣ Genetic variation –
- ♣ Many differences
- ♣ Some lines sold are blends of varieties e.g BG34 (Barenbrug ryegrass) is a blend of 4 different varieties