10th Kentucky Grazing Conference

October 28, 2009

University of Kentucky Research & Education Center
Princeton, Kentucky
WELCOME

10th Kentucky Grazing Conference
Profitability

Amount (Cost) of Hay
Optimize Grazing

Minimize Stored Feed
Benefits of Improved Grazing

Utilization
Table 3. Dry matter yields, plant height and maturity

<table>
<thead>
<tr>
<th>Variety</th>
<th>Type</th>
<th>Proprietor/Distributor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monarch V</td>
<td>Sudangrass</td>
<td>Public</td>
</tr>
<tr>
<td>Special Effort</td>
<td>Sorghun-Sudan</td>
<td>Cisco</td>
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<tr>
<td>ProMax</td>
<td>Sudangrass</td>
<td>Ampac Seed</td>
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<tr>
<td>NutraPlus</td>
<td>Sorghun-Sudan</td>
<td>Cisco</td>
</tr>
<tr>
<td>Dessie</td>
<td>Teff</td>
<td>Turner Seed</td>
</tr>
<tr>
<td>Tiffany</td>
<td>Teff</td>
<td>Target Seed</td>
</tr>
<tr>
<td>Common Pearl</td>
<td>Pearl millet</td>
<td></td>
</tr>
<tr>
<td>Common Foxtail</td>
<td>Foxtail (German)</td>
<td></td>
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Frost seeding of legume in Eastern Gamagrass
First Year Eastern Gamagrass at Freeze Down
A fungal endophyte that infects most plants of ‘Kentucky-31’ tall fescue imparts tolerances to environmental stresses (e.g., drought, heat, and grazing).
Hay Needs: Quantity and Quality Aspects

Dr. Jeff Lehmkuhler
Extension Beef Cattle Specialist
University of Kentucky
2009 Kentucky Forage/Grazing Conference
Quantity vs Quality

It made 15 rolls to the acre!
Quantity

- Quite simple or is it?
- Mr. David Harris, widower, farming since 1960

It takes 1 hole per cow per month
Quantity

1. [Slide appears on screen]

It takes 3 hours per cow per month
Fall Seeding After Crop Harvested
Fall 2005-137GD/A = $0.30/Day
Turnips and Rye flown in Beans - Sept 15th - 2 weeks prior to Harvest
What type of Turnip?
Dudley Smith Winter Forage Yields
Winter 2005-2006
Future

- More dependence on
  - Forages
  - By-products

- Less dependence on
  - Fossil fuels
  - Grain
Hay Production

- Soil Testing
- Fertility Management
- Variety Selection
- Seeding Practices
  - rate, depth and timing
- Harvest for Quality and Yield
Freezer Beef
Farm Overview

Located on 300 acres along the Ohio River in Todd County.

Primary focus is raising sheep – Tarentaise cross beef cattle.

Thick market

4.5 acres of pasture

Moderate slope crider silt loam soils

Compatible production practices