10th Kentucky Grazing Conference

October 28, 2009

University of Kentucky Research & Education Center
Princeton, Kentucky
Profitability

Amount (Cost) of Hay
Benefits of Improved Grazing

- Utilization
<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>Sorghum-Sudan</td>
<td>Cisco</td>
</tr>
<tr>
<td>ProMax</td>
<td>Sudangrass</td>
<td>Ampac Seed</td>
</tr>
<tr>
<td>NutraPlus</td>
<td>Sorghum-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)  millet</td>
<td></td>
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</tbody>
</table>
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!
It takes 1 hole 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
Farm Overview

- Located on 300 acres
- Along the Ohio River in Oldham County
- Primary focus is raising Angus – Tarentaise cross breed cattle.
- Cheese marketer
- 2.5 acres of pasture
- Moderate slope crider silt loam soils
- Compatible production practices