Rich County Wildlife
Overview for 2009-10
Moose managed on the Cache Management Unit level.
Includes Rich and Cache Counties
Population Estimates are based on flight data and ground classifications and are modeled using Pop II modeling software
Moose

Graph 1. Population Size During Bio-Year

- **Number of Animals**
  - Y-axis: 350, 300, 250, 200, 150, 100, 50, 0

- **Biological Year**
  - X-axis: 1999 to 2009

- **Graph Legend**:
  - Blue asterisks: Postseason
  - Open circles: Observed

- **Correlation (R)**: 0.282
- **GOF (Goodness of Fit)**: 0.536

AVERAGES:
- Average of Coll. 291
- Average of Pair 293 228

The graph shows the population size of Moose over a period from 1999 to 2009, with a declining trend over time. The correlation coefficient indicates a weak positive relationship between the biological year and the number of animals.
Moose

- Moose are managed under a new Statewide Plan that calls for age objective of harvested bulls between 4 and 6 years.
- My recommendations will be to manage toward the upper end of that range for the Cache Management Unit.
Deer

- Deer are managed on the Cache Unit scale
- Deer numbers are slowing increasing on the unit and probably doing slightly better in Rich County than Cache County due to habitat loss in Cache Valley
- Population estimates are based on ratios from check stations and ground surveys, hunter harvest, and radio collars
Deer

- Management objectives for deer and population size, and buck/doe ratios
- Hunt cut this year due to low buck/doe ratio
- Depredation issues
Elk

- Elk Managed on Cache Unit level
- Population estimates based on helicopter counts, ground classifications, and hunter harvest
- Depredation issues
Elk
Pronghorn

- Pronghorn managed on Cache Unit level, but occur primarily in Rich County
- Population estimates based on annual fixed wing aircraft counts, ground classification and hunter harvest data
- Management plan due to be completed this summer
Pronghorn
Pronghorn

- 2006 Flight - 454 Pronghorn Counted
- 2007 Flight - 357 Pronghorn Counted
- 2008 Flight - No Flight
- 2009 Flight - 404 Pronghorn Counted
Sage Grouse

- Manage based on attending Males on leks in springtime
- Trend is up over the last ten years
Sage Grouse

Trend of Attending Males and Total Numbers of Leks 2000 through 2009

Rich County BLM Sage Grouse Trend
Total Lek Count
Other Stuff

- Sharp-tailed Grouse
- Turkeys