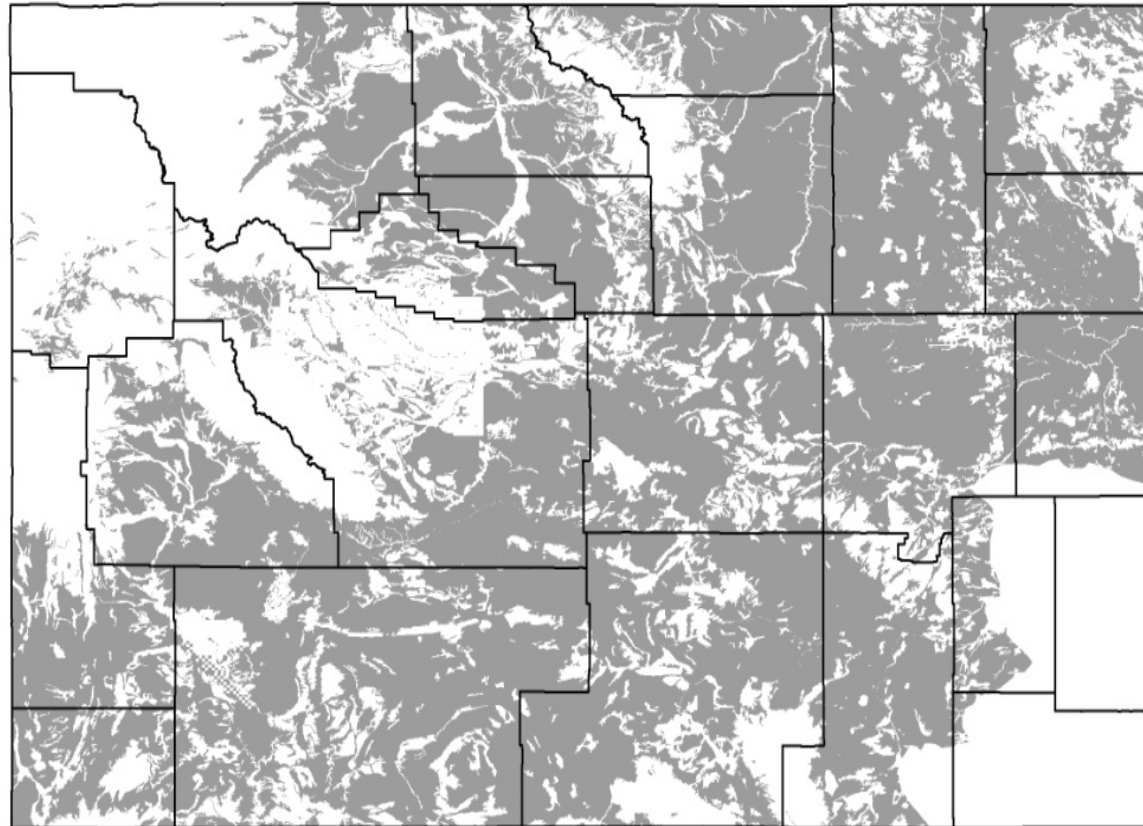


Sage Grouse Habitat Work on a Privately Owned Ranch

**Niels Hansen
Rawlins**

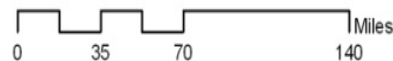


Greater Sage-Grouse Potential Habitat in Wyoming

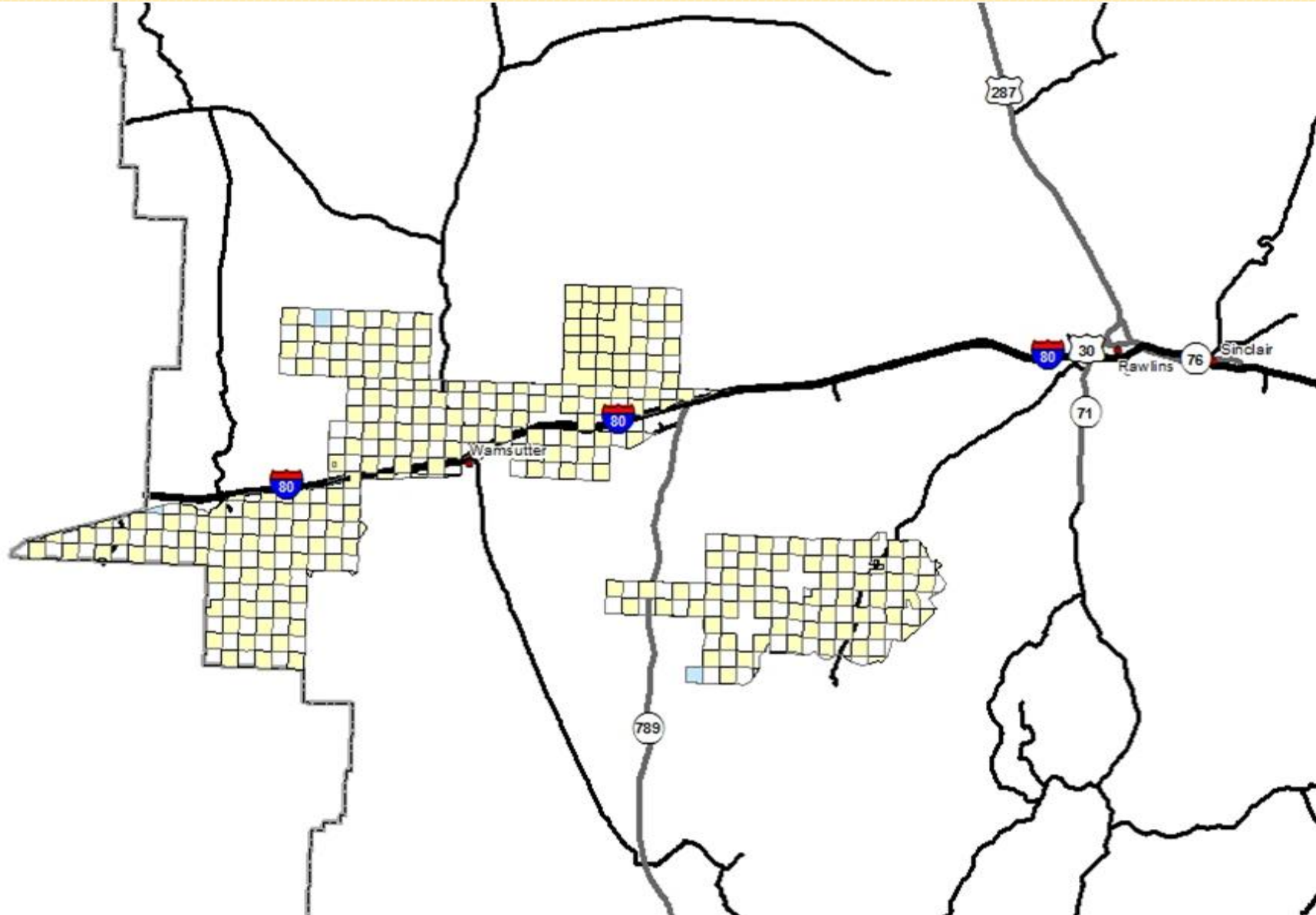


Legend

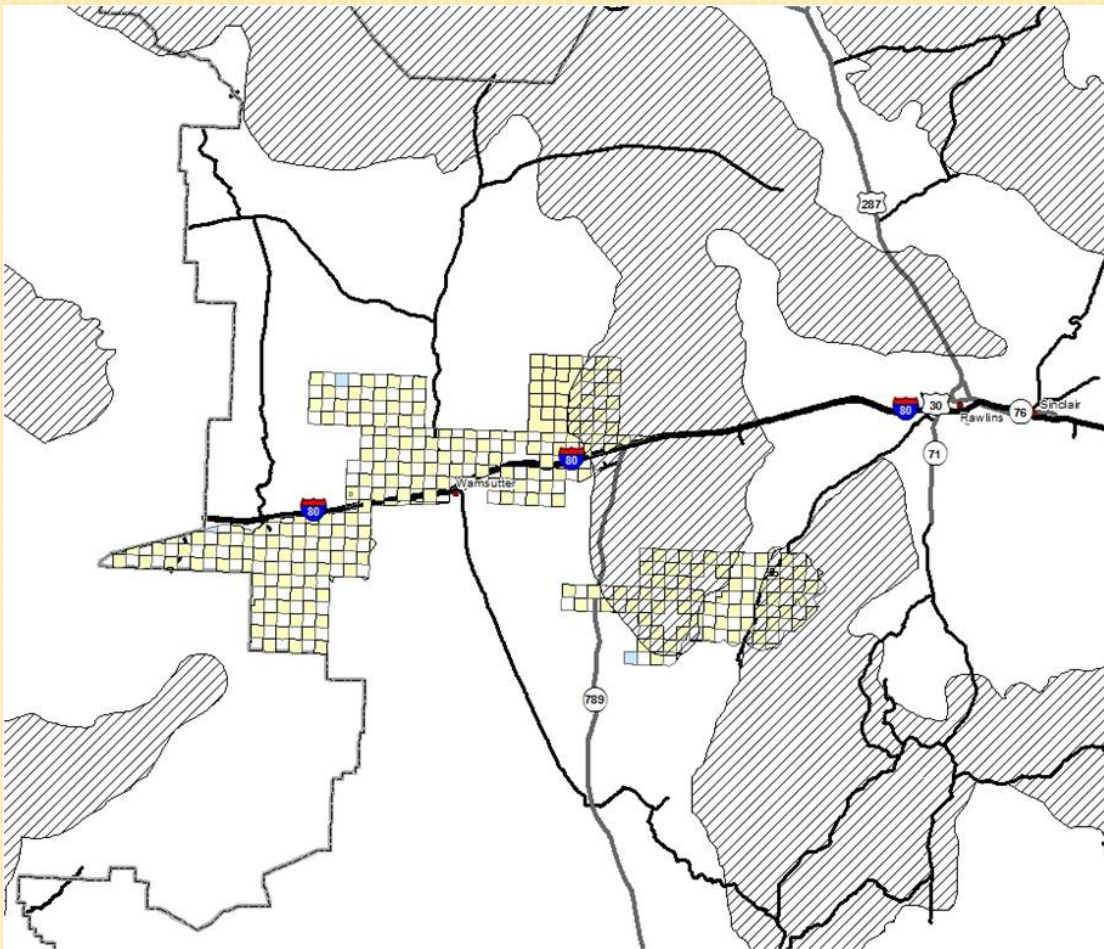
- Counties
- Potential Habitat



PH Livestock Allotments



Managing For Sage Grouse



Total acreage= 252,900

Acreage in Core= 67,700

Acreage in suitable habitat
outside Core= 134,600

Acreage of unsuitable
Habitat outside of Core
(primarily saltbush)= 50,600



**Manage Like Ownership
doesn't matter!!!**

Find the right people and tools to reach your management goals



Try something different



Experimental seedings



Management of the Standing Crop



Trend Monitoring Program

- Line point intercept transects
- Photo points
- Browse transects
- Shrub density
- Greater Sage-Grouse Habitat Protocol



-

Tools of the Trade

Eliminate the Threats



Multiple Benefits



Tebuthiuron Treatments (Spike)

✖ On average 2.25X Herbaceous Production



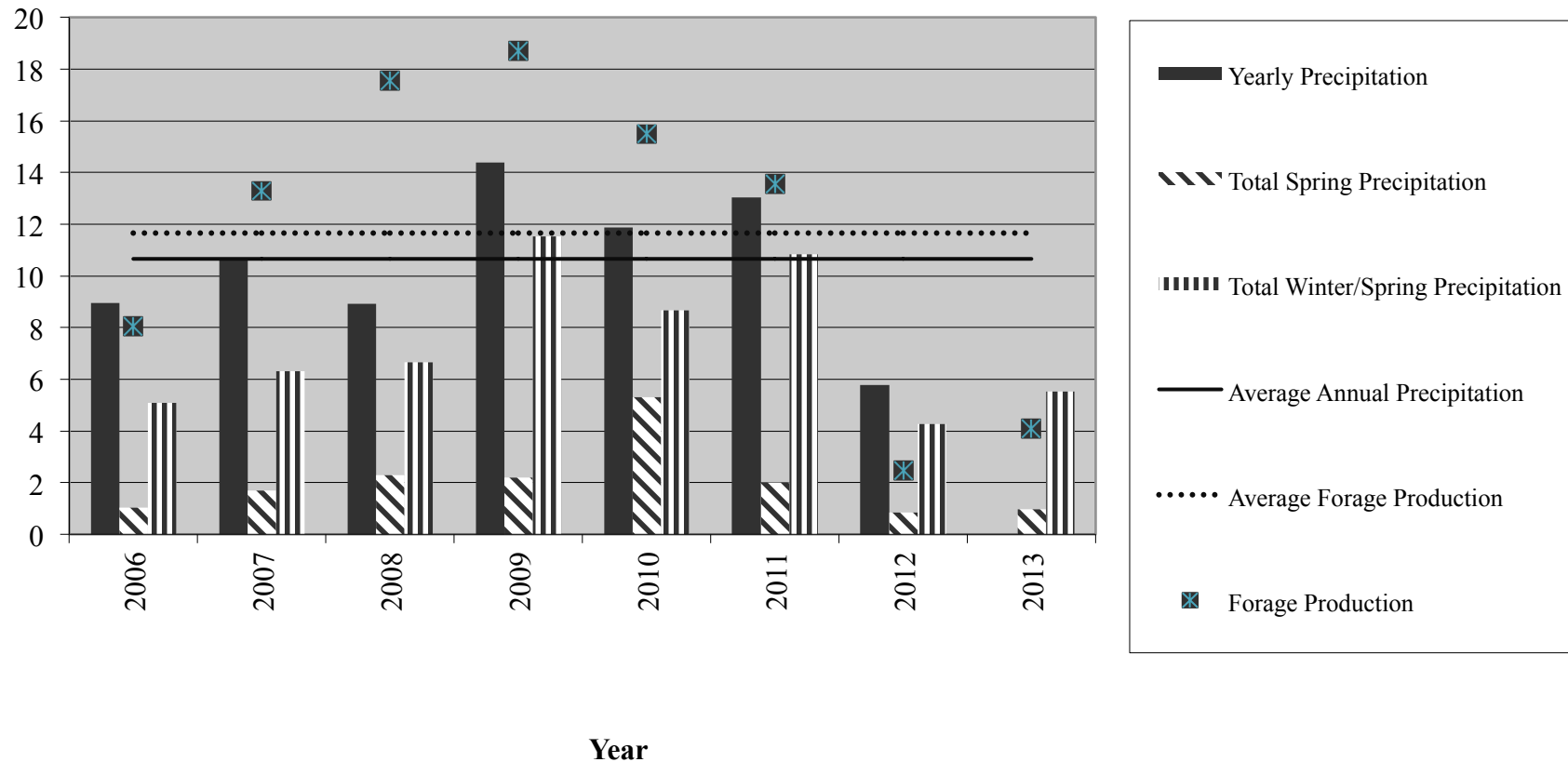
Do you track you precipitation?



Do you track your production?

**Fillmore Forage and Precipitation
2006-2013**

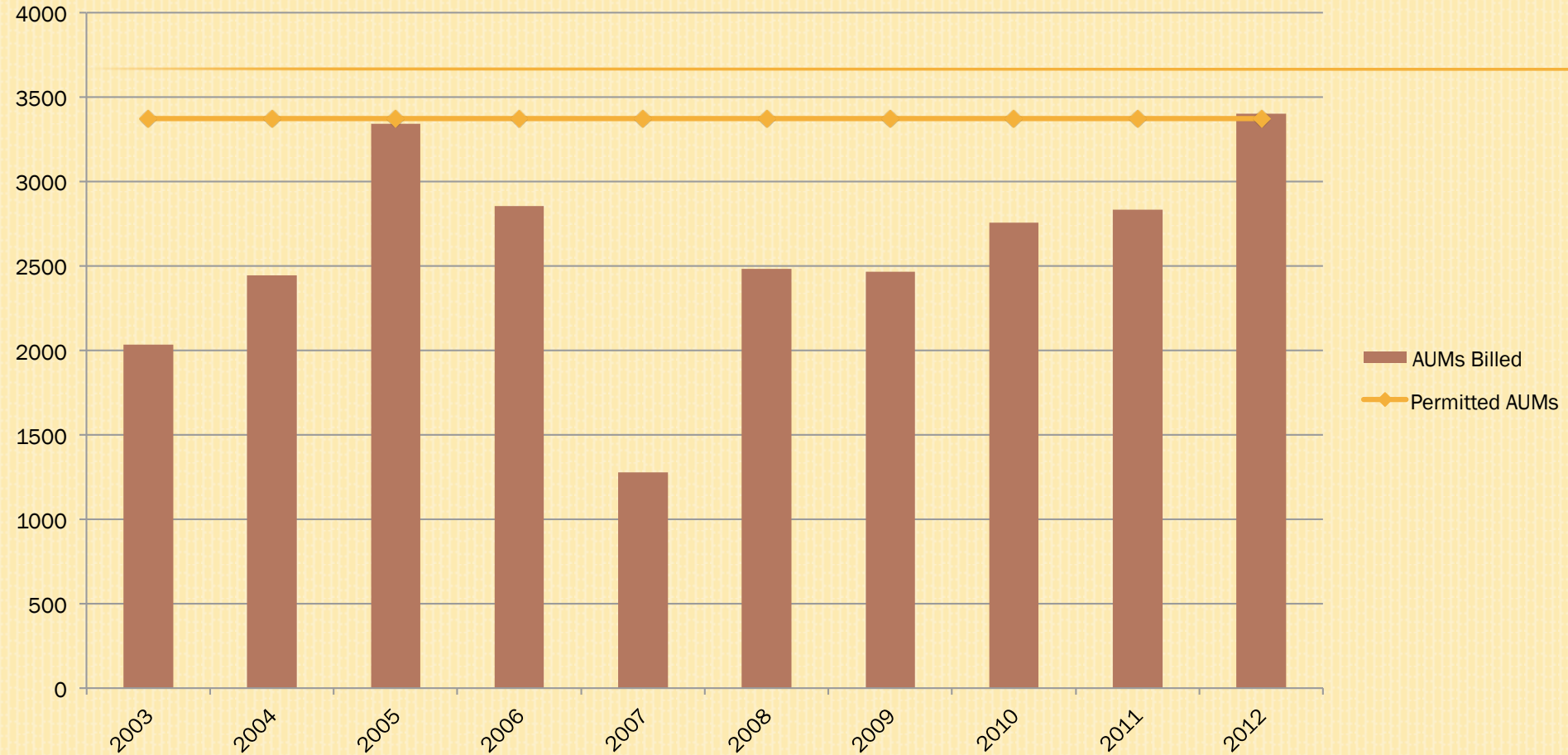
Precipitation Amounts in Inches
Forage Production (grams)



Sustainability Requires

- ✗ Monitoring Evaluation and Assessment
- ✗ Actual livestock numbers balanced with:
 - + precipitation
 - + forage production
 - + previous year's forage production
 - + water availability
 - + market forces

Fillmore Allotment Fill-More Beef LLC Actual Use 2003-2012



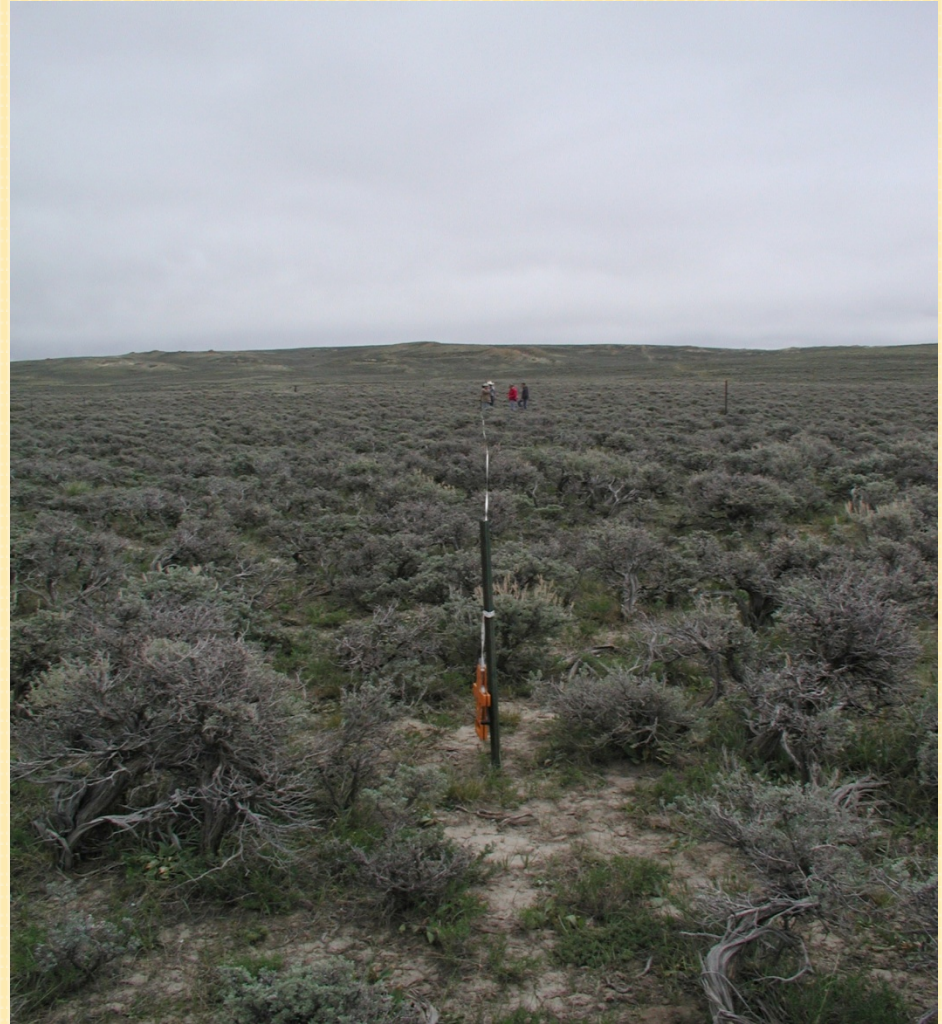
PREDICTABILITY LEADS TO
SUSTAINABILITY

100HD X 880#=88,000#

\$1.74=\$153,120 GROSS

Assessing Greater Sage-Grouse Habitat

- ✘ Sagebrush canopy cover and height
- ✘ Herbaceous cover and height
- ✘ Forb density and abundance
- ✘ Monitoring transects are located in all allotments with Core habitat as well as Suitable habitat locations



Managing for Sage grouse life cycle



Leks-protect from disturbance

Managing for Sage grouse life cycle

- ✗ Nesting/Early brood-rearing-Upland sagebrush



Managing for Sage grouse life cycle

- ✗ Late brood-rearing-good riparian habitat



Managing for Sage grouse life cycle

WINTER HABITAT-IDENTIFY THESE AREAS AND PROTECT
FROM DISTURBANCE



Can We Pass “PECE”

- × Policy for
- × Evaluation of
- × Conservation
- × Efforts

Questions?

