


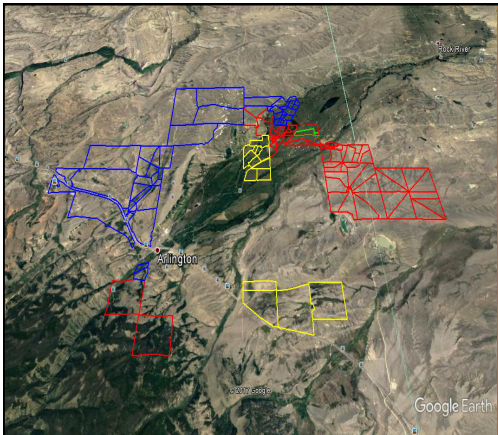
MANAGING WITH DROUGHT

SHANON SIMS
SIMS CATTLE COMPANY, LLC



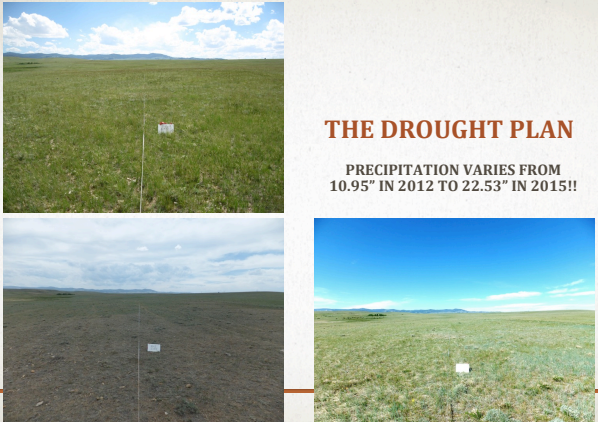
OUR RESOURCE BASE

- Elevation – 7200 ft
- Average Rainfall – 16 in
- Growing Season – 45-50 days
- Land Base – 3 Leased Ranches
- 18,435 acres Rangeland
- 7,400 acres Irrigated
- 600 Head of Cows
- 300 Head of Yearlings
- 40 Head of Bulls
- 4 Dogs



GRAZING STRATEGIES

- 125 Pastures
- 2-4 Grazing Herds
- Move Between Pastures every 3-6 days
- Grazing Plans
- Rest 1/3 of Upland Pastures Each Year



THE DROUGHT PLAN

PRECIPITATION VARIES FROM 10.95" IN 2012 TO 22.53" IN 2015!!

DROUGHT PLAN

Rest 1/3 of the uplands
Goal of keeping 1 year of hay in reserve
Rotate through pastures faster and graze multiple times
Destock
Stocker first to go
Production records

BENEFITS OF YEAR LONG DEFERMENT

- Stockpiling Reserves, Spring Fill to Slow Bypass of Green Feed
- Creating Conditions for New Growth
- Maintaining Moderate Stocking Rates
- Overall Result
 - Graze All Upland = 127,786 AD
 - Rest 26% Upland= 106,804 AD
 - 83.5% AD rate on 74% of the land

ECONOMICS OF YEAR LONG DEFERMENT

- 20,982 AD Rested/365 days = 57 cows
 - 57 cows X \$91/hd profit = **\$ 5,231** / year
 - \$5,231 X 11 years = **\$57,541**
- 2002 drought forced sale of 102 cows
- 2012/13 drought we didn't have to destock
 - Fall 2013 Bred Cows = \$2400 X 102 = **\$244,800**
 - Summer 2012 Bred Cows = \$1100 X 102 = \$112,200
 - Profit/Cow \$290 in 2014 x 102 hd = \$ 29,580
 - Cost of Destocking = **\$ 103,020**
 - Total Economic Benefit = **\$ 45,479**