

Microsoft Excel - Summer Stocker Performance

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Type a question for help

125% Arial Narrow 10 B I U

Reply with Changes... End Review...

	A	B	C	D	E	F	G	H	I	J	K	L
3	Year			Pasture	Head	Days	In Wt.	Out Wt.	Gain	Gain/day	Avg./Notes	Dev. From Avg.
4	DS	1995	Steers	McDowell	148	86	640	796	156	1.81		-16.2%
5	DS	1996	Steers	Bell	450	86	606	735	129	1.50		-30.7%
6	DS	1997	Heifers	Tower	260	85	609	811	202	2.38		9.8%
7	DS	1997	Steers	West McDowell	100	85	715	893	178	2.09		-3.2%
8	DS	1998	Heifers	Bell	450	86	582	749	167	1.94		-10.3%
9	DS	1998	Steers	Tower	70	80	670	885	215	2.69		24.2%

# WHAT'S THE BOTTOM LINE?

15	DS	2001	Heifers	Tower	260	92	685	891	206	2.24		3.5%
16	DS	2002	Steers	Bell	213	86	665	915	250	2.91	Highest	34.3%
17	DS	2002	Heifers	McDowell	358	84	625	780	155	1.85	Didn't burn	-14.7%
18	DS	2003	Heifers	Bell	744	86	670	852	182	2.12		-2.2%
19	DS	2004	Steers	Tower	199	91	659	848	189	2.08	Wet	-4.0%
20	DS		Steers	Tower	126	89	659	848	189	2.12	Wet	-1.9%
21	DS		Steers	Tower	5	85	659	848	189	2.22	Wet	2.7%
22	DS	2004	Steers	240	95	90	736	928	192	2.13	Wet	-1.4%
23	DS	2005	Heifers	Tower	220	92	625	832	207	2.25	Wet	4.0%
24	DS		Heifers	Tower	110	91	625	832	207	2.27	Wet	5.1%
25	DS		Heifers	Left behind, run hard	20	91	625	792	167	1.84	Wet	-15.2%
26	DS	2005	Heifers	240	75	91	625	792	167	1.84	Wet	-15.2%
27			Heifers	240	20	89	625	792	167	1.88	Wet	-13.3%



THE COW

THINKING

OUTSIDE



# Tallgrass Prairie



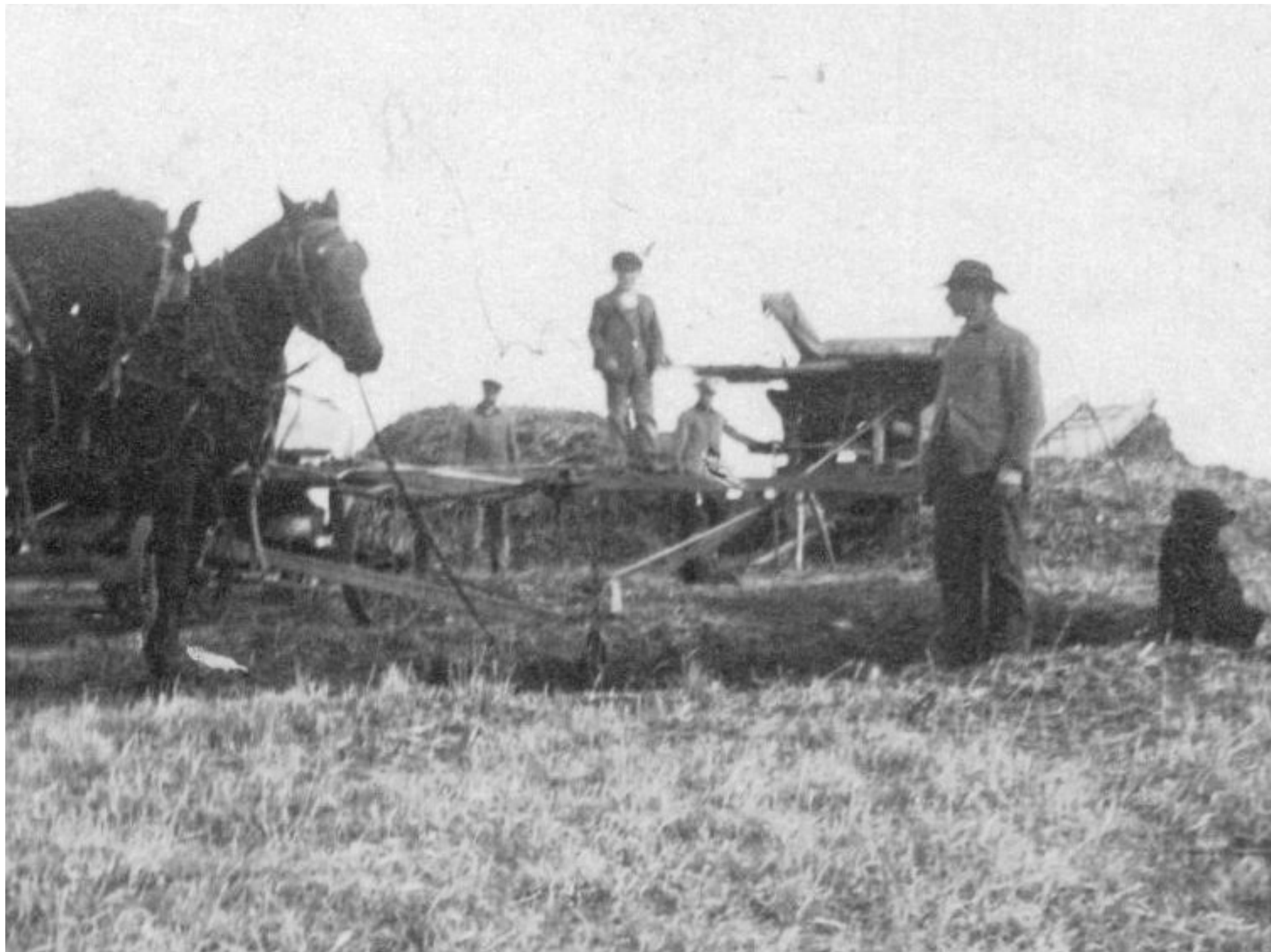


**Flint Hills**

**Bluestem Pasture Region**

**Flint Hills Tall Grasslands**









GRANADA STUDIO











BURNED 2006

An aerial photograph of a vast, flat grassland landscape. A small pond is visible in the upper right quadrant. The terrain is marked with several lines: a dash-dot line, a dashed line, and a solid white outline. The text 'BURNED 2006' is overlaid in white in the upper left. 'BURNED 2008' is overlaid in white in the middle left. '1977-2007' is overlaid in white in the middle right, with a solid white outline below it. 'PLOWED 1882' is overlaid in yellow in the lower center.

BURNED 2008

1977-2007

PLOWED 1882

2108?









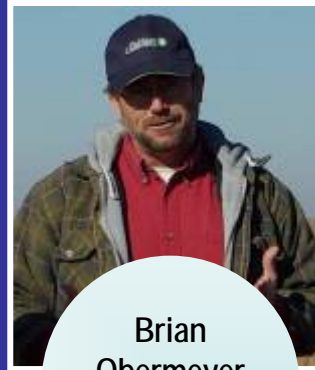






# Homestead Range Renewal Initiative (HRRI) Management Team

*Seven heads  
are better  
than one...*



**Brian Obermeyer**  
*The Nature Conservancy*



**Jim Minnerath**  
*U.S. Fish & Wildlife Service*



**Katie Hancock**  
*Natural Resources Conservation Service*



**Jim Lauer**  
*Chase County Youth Partner*



**Leigh Ann Crofoot**  
*Chase County Rancher*



**Jane Koger**  
*Homestead Ranch*



**Marva Weigelt**  
*Homestead Ranch*

**HRRI**













UNIFORMITY

DIVERSITY

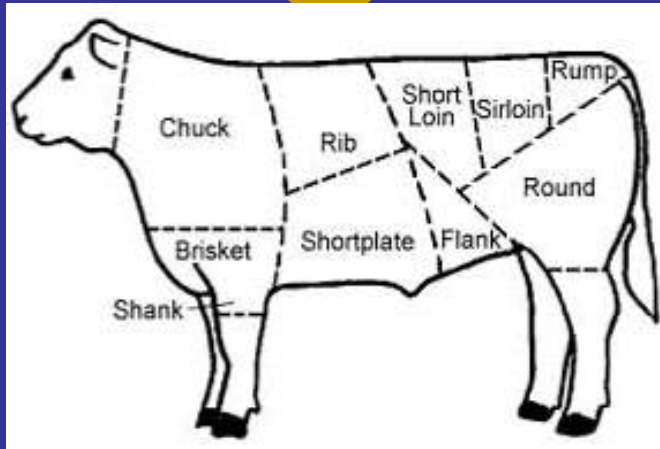


**UNIFORMITY**

**DIVERSITY**

**COMMODITY**

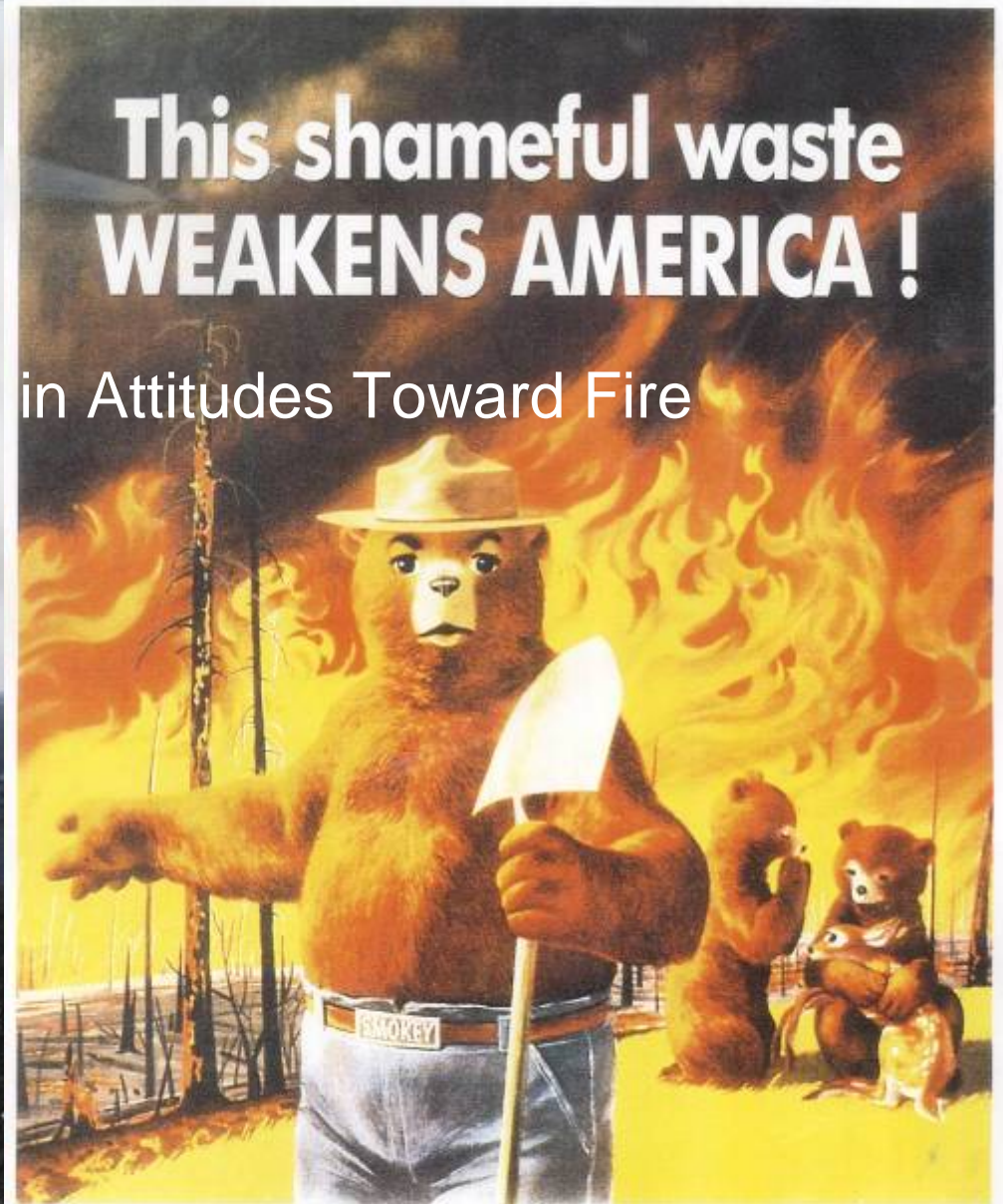
**ECOSYSTEM**





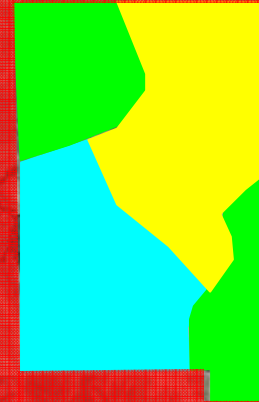
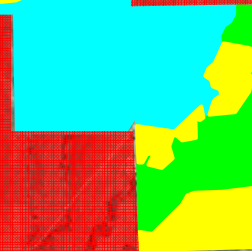
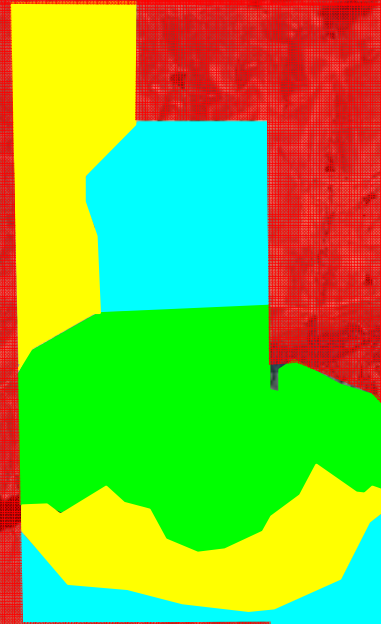
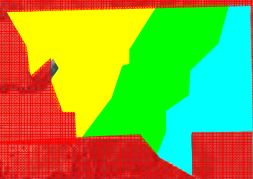
*Restoring our Rangelands  
one match at a time!*

Regional Differences in Attitudes Toward Fire



*Remember - Only you can*  
**PREVENT THE MADNESS!**

A shifting mosaic...





APRIL



THE NEXT DAY



MAY





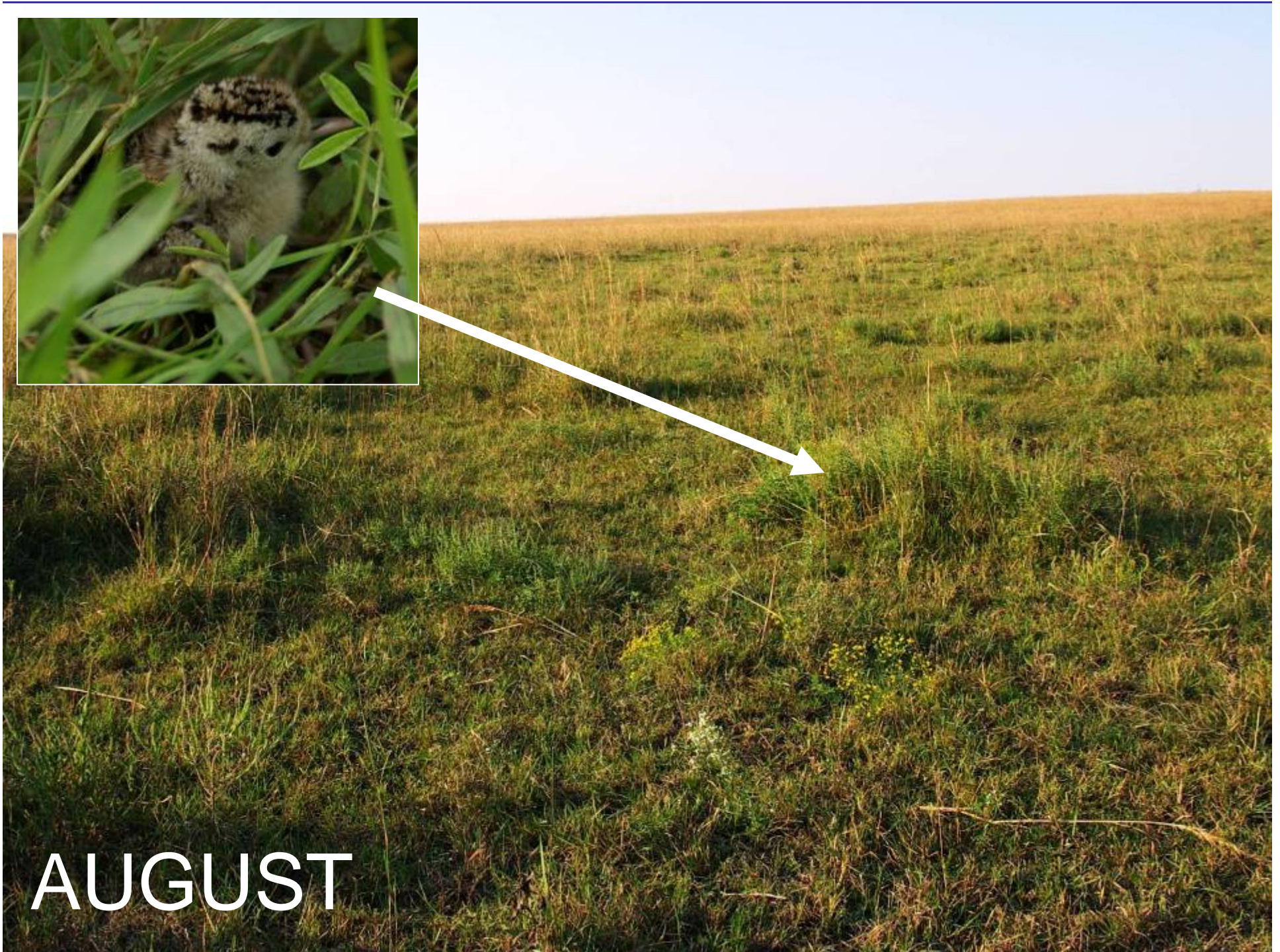
JUNE



JUNE



JULY



AUGUST



SEPTEMBER



SEPTEMBER

# Greater Prairie-Chicken

**2008 BURN**



**2007 BURN**



**2006 BURN**



**Mating displays**



**Feeding, brooding & loafing**



**Nesting & escape cover**



# *Regal Fritillary*

**2008 BURN**



**2007 BURN**



**2006 BURN**



┌ Patrolling, nectaring, resting, shade, moisture ┐

┌ Oviposition, diapause, next year's violet abundance ┐





# Year-Round Cow/Calf

**2008 BURN**



**2007 BURN**



**2006 BURN**



**Warm season grazing**



**Winter forage, loafing**



**Cover, calving**



# FIRE



# GRAZING



Butterflies & moths



Amphibians



Other insects



NATIVE FLORA



Reptiles



Birds



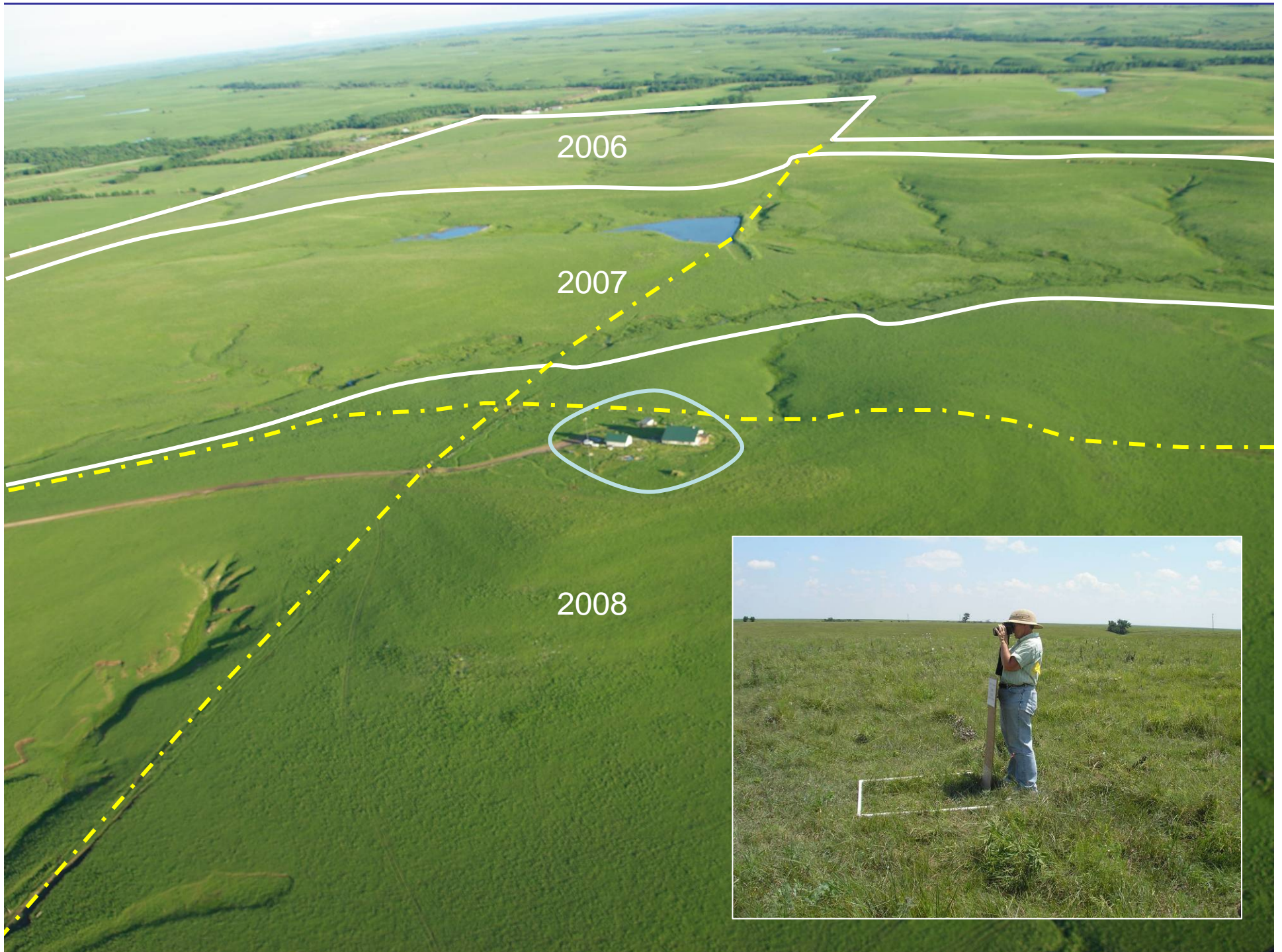
Mammals

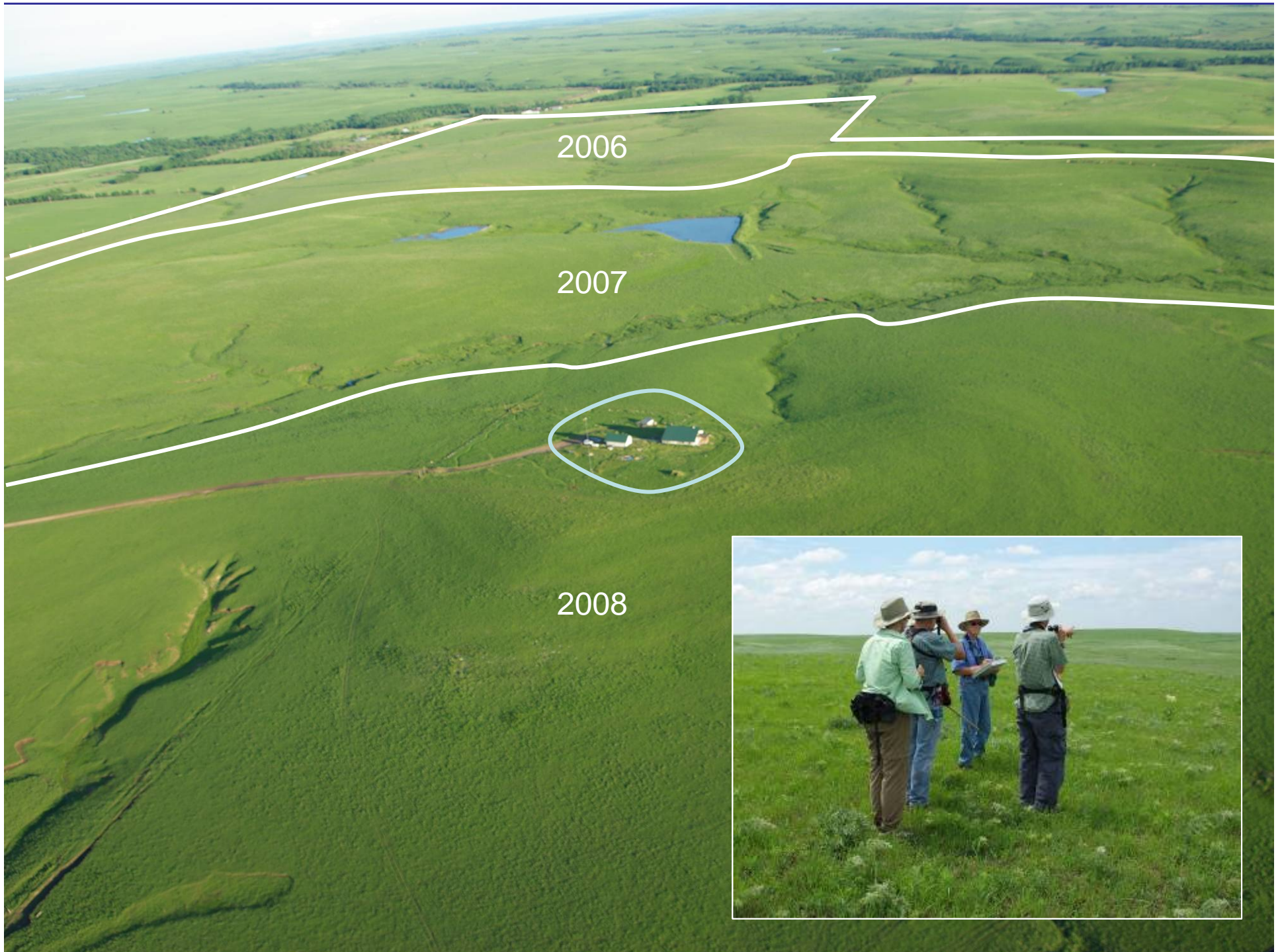


## YEARLING STOCKER CATTLE PERFORMANCE

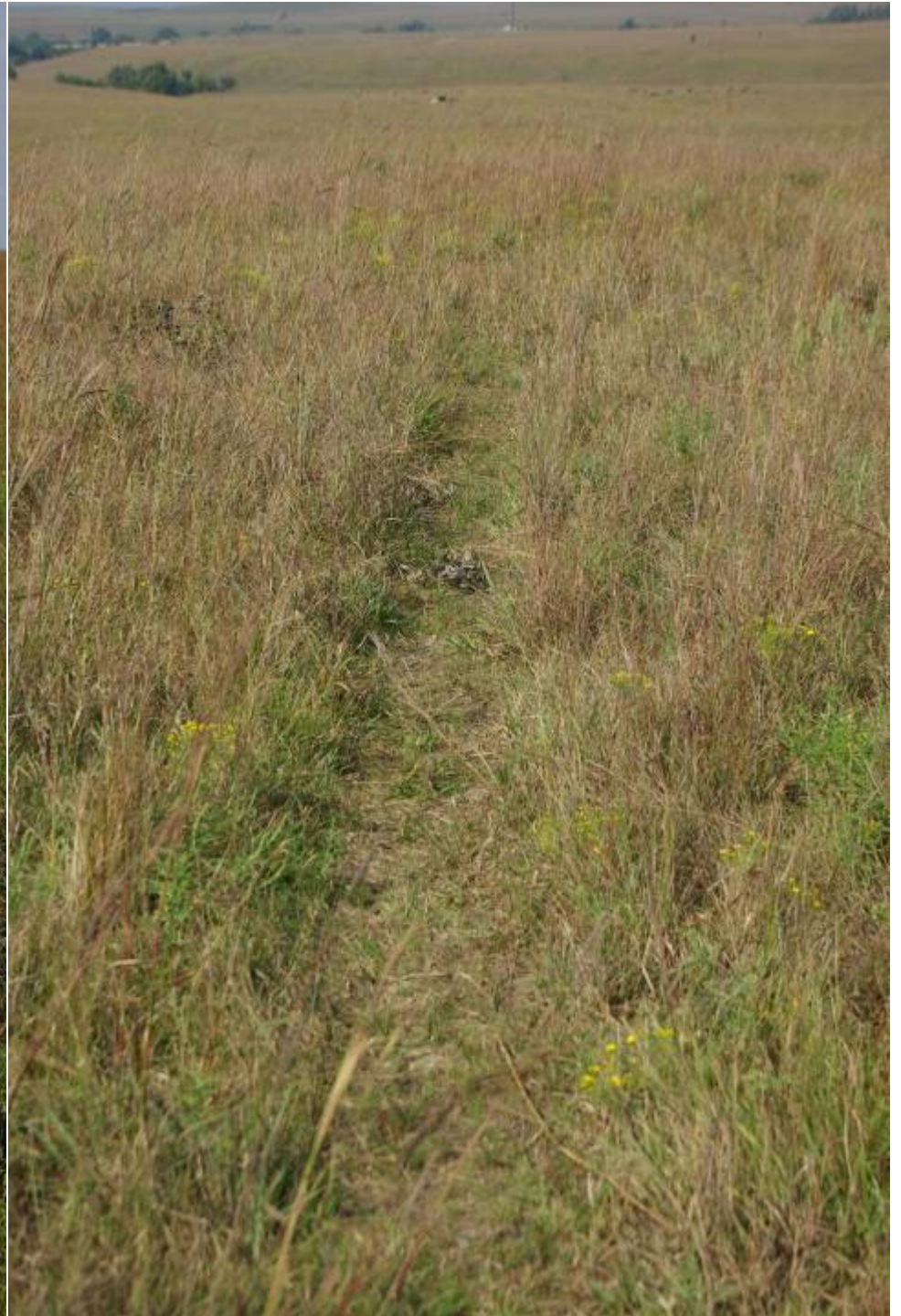
(Intensive Early Stocking)

Year	PBG Avg. daily gain (lbs.)	Traditional Avg. daily gain (lbs.)
2004	2.12	2.13
2005	2.26	1.88
2006	2.49	2.58
2007	2.09	2.20





↓ Traditional PBG ↓



↓ Traditional



PBG ↓










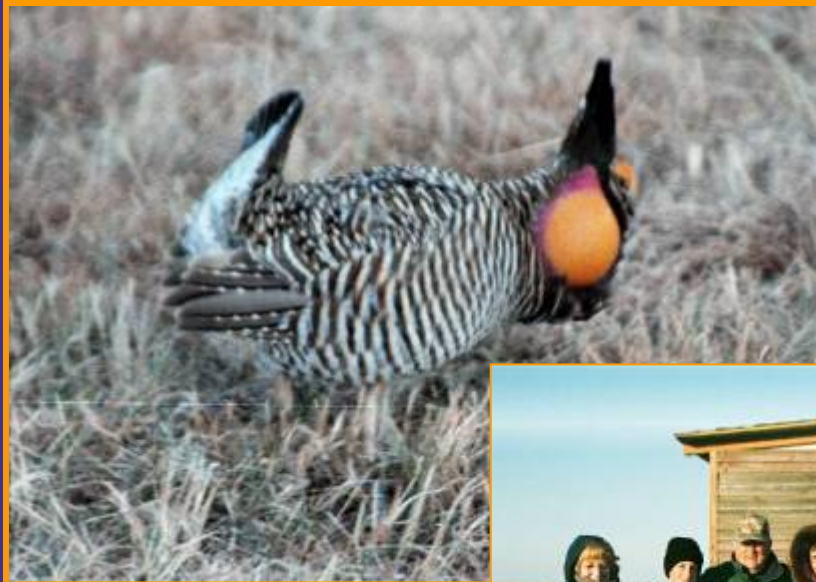




PBG is for the birds



	Top 12 Species	Frequency in HRRRI surveys	Decline in North America since 1966
	1 Eastern meadowlark	29.7%	-72%
	2 Grasshopper sparrow	21.1%	-65%
	3 Dickcissel	14.9%	
	4 Upland sandpiper	8.7%	
	5 Brown-headed cowbird	5.4%	
	6 Red-winged blackbird	3.1%	
	7 Greater prairie chicken	2.2%	-78%
	8 Northern bobwhite quail	1.8%	-82%
	9 Common nighthawk	1.5%	
	10 Barn swallow	1.3%	
	11 American crow	1.1%	
	12 Henslow's sparrow	1.0%	-96%



WITH THE CHICKENS  
I GOT UP  
2007  
Homestead  
Ranch



Burning



Tree removal



Fence removal



Burn timing



Neighbors

Stocking Rate Calculator

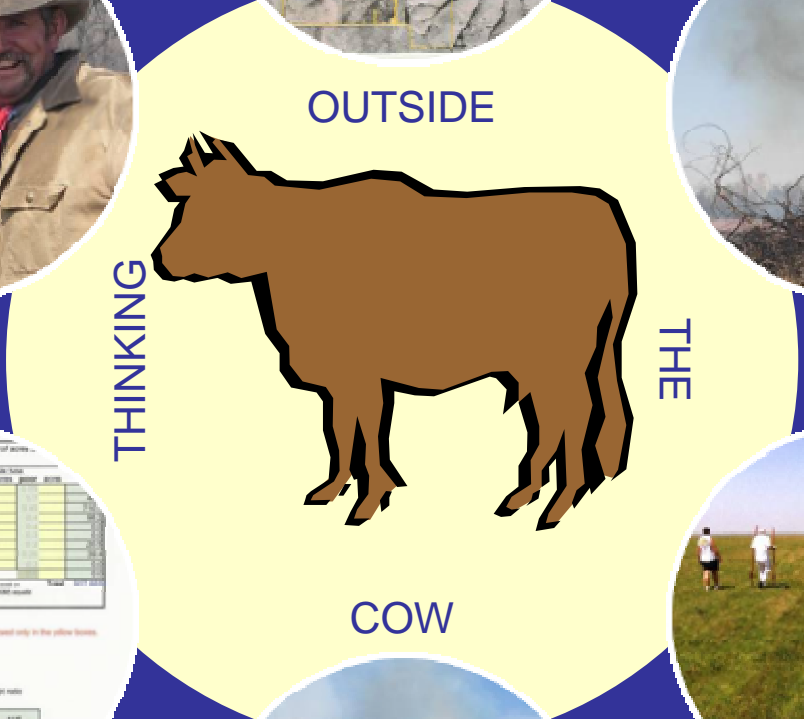
Step 1. Stocking period (days)

Stocking Rate	Stocking Period (days)	Stocking Rate	Stocking Period (days)	Stocking Rate	Stocking Period (days)
1.0	100	1.0	100	1.0	100
1.5	150	1.5	150	1.5	150
2.0	200	2.0	200	2.0	200
2.5	250	2.5	250	2.5	250
3.0	300	3.0	300	3.0	300
3.5	350	3.5	350	3.5	350
4.0	400	4.0	400	4.0	400
4.5	450	4.5	450	4.5	450
5.0	500	5.0	500	5.0	500

Step 2. Animal unit equivalent (AUE), based on the monthly weight notes below. (Consult table B Step 2) to read to determine AUE.)

Animal	Weight (lb)	AUE
1 cow	1400	1.0
1 bull	1800	1.3
1 yearling	1000	0.7
1 heifer	800	0.6
1 steer	1200	0.9
1 horse	1200	0.9
1 goat	150	0.1
1 sheep	150	0.1

Stocking rates



# Funding/Technical Assistance

<b>Program Component</b>	<b>Provider</b>	<b>Type</b>
Invasive tree removal, interior fence removal and partial funding of reseeding projects	U.S. Fish & Wildlife Partners Program, Wildlife Extension Agreement	Cost-share grant
Invasive tree removal, forb reseeding, monitoring, invasive plant management	Dept. of the Interior, Private Stewardship Grant Program	Cost-share grant
Personnel, reseeding, photo point supplies and processing	USDA Sustainable Agriculture Research and Education Producer Grant	Cost-share grant
Patch-burn grazing plan and monitoring	The Nature Conservancy	Technical assistance
Mapping; conservation plan; soil, range site and AUM inventory	Natural Resources Conservation Service	Technical assistance







Dynamic systems require an experimental attitude...



What happens if you change your bottom line?

Dynamic systems require an experimental attitude...



Will your practices still be sustainable a century from now?

# QUESTIONS

