

Effect of Extended Grazing Management on Economics & Manure Distribution

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Management Decisions Have a Large Impact on Economics and Manure Distribution



Management Situations

- ▶ **Backgrounding**
Utilize annual forage (unharvested corn) to provide good quality growing diet after 7 days
In drylot to recover from weaning
2 Methods:
 - ▶ Early Weaning (Aug - Sept)
 - ▶ Early & Normal Weaning vs. Feedlot Direct
 - ▶ Normal weaning (November 1st) -
 - ▶ Lucas Hoff Farm, Richardton



Management Situations Integrated Crop & Beef Cattle



Management Situations

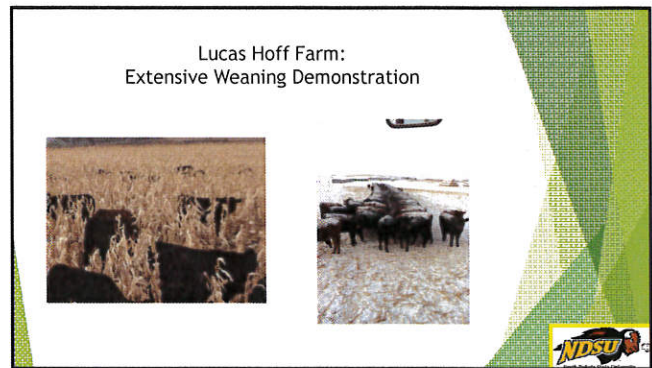
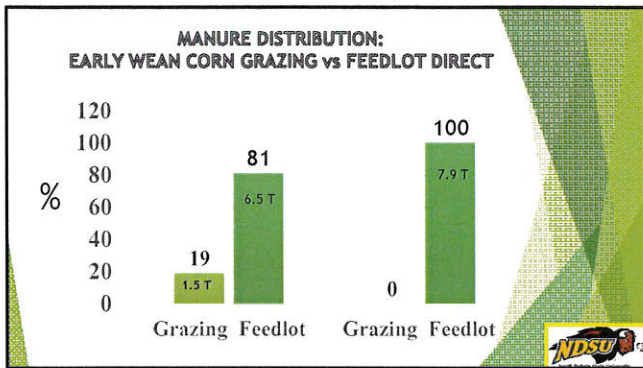
- ▶ **Integrated Crop & Beef Cattle Systems**
 - ▶ **Yearling Steer Component (Pasture & Annual Forage):**
 - ▶ Winter: Backgrounding at modest gain grazing corn with hay
 - ▶ Summer and Fall Sequence Grazing
Crested wheatgrass > native pasture > pea-barley > unharvested corn > feedlot finishing
 - ▶ **Cow Component (Pasture & Crop Residues):**
 - ▶ May - June Calving
 - ▶ Summer: Native Range
 - ▶ Fall & Winter After Weaning (Nov):
Sequence Grazing: Cover crops > winter pasture > corn and sunflower residue > drylot (1.5-2.0 month) > calving on early spring pasture with supplemental hay



WEANING DATE: Backgrounding Systems Economics

	Pasture Control (Feedlot)	Normal Wean-Nov (Corn)	Early Wean-Aug (Corn)	Early Wean (Feedlot)
System Days	80	38.5	81	86
End Wt	620	703	645	611
Gain	165	85.2	179	206
ADG	2.06	2.21	2.21	2.40
Net Ret/Hd	\$87.50	-\$5.82	\$93.19	\$69.56
Cost/Lb. Ga.	\$0.59	\$1.08	\$0.52	\$0.66





32 Day Corn Grazing Economics

	2012	2013
32 Day Estimated Calf Gain Value 8,652# Gain @ \$1.55/Cwt	\$13,411	
Expenses for Corn, Stress Barrels, and Hay	-\$1,589	
Estimated 32 Day Net Return	\$11,822	
Corn Yield: 40 bu/Ac 1200 bu @ \$7/bu	\$8,400	
Difference	\$3,422	
Corn-Beef Price/Bu Equivalent \$11.822/1200 bu.	\$9.85	
Gain over \$7/bu corn	\$2.85	
Gain over \$3.70/bu corn	\$6.10	

