Do You Possess the 8 Characteristics of an Intentional Beef Producer?

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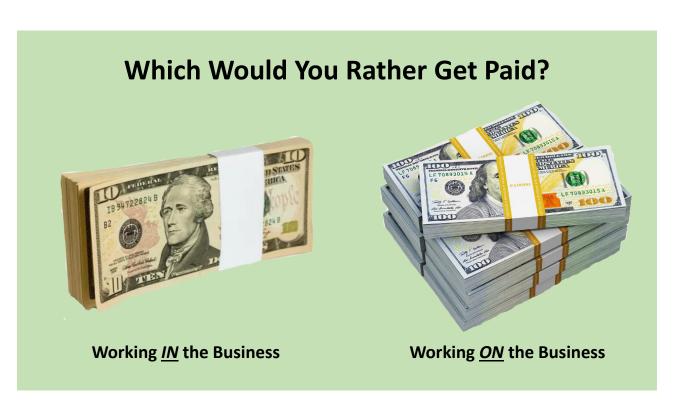




# **8 Characteristics**

- 1. Understand the importance of and keep records
- 2. Know animal nutrition management can make or break an operation
- 3. Know when and how to market calves
- 4. Have a defined outcome for the ranch breeding program
- 5. Have a comprehensive herd health program
- 6. Optimize stocking rate and pasture management
- 7. Develop a ranch management calendar
- 8. Remain flexible

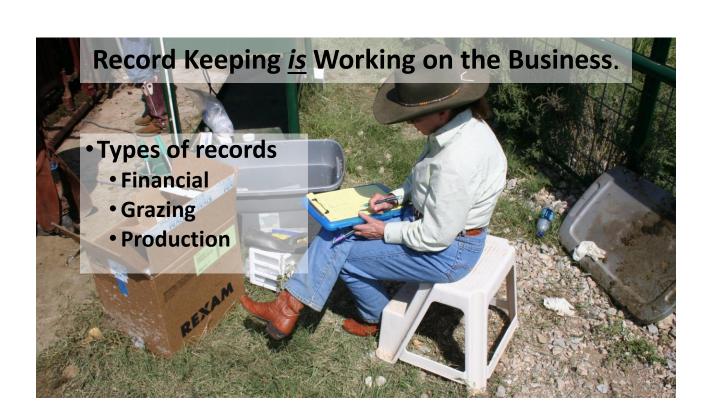




# Working on the Business vs. Working in the Business

- Working on the business:
  - (\$100/hr job)
  - Most don't spend enough time <u>on</u> the business
  - Records
  - Direction
  - Strategy
    - Business
    - Grazing
- Working in the business:
  - (\$10/hr job)
  - · Feeding the cows
  - Building fence
  - Working cattle





# **Financial Records**

- Any income...
  - Calf sales
  - Cull cow/bull sales
  - Hunting enterprise
  - Forage insurance payments
  - Hay sales
  - Etc.



## **Financial Records**

### Any income

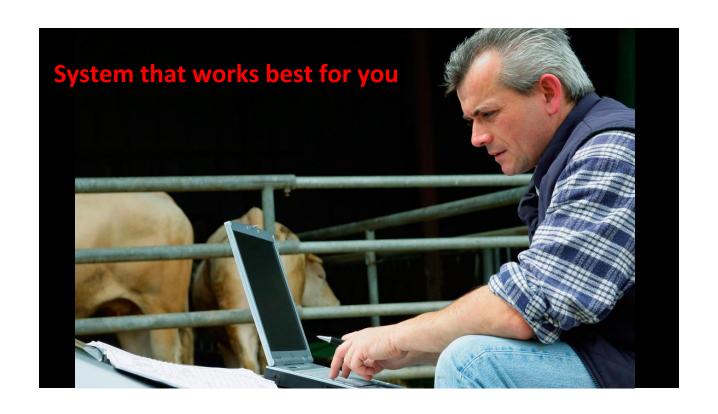
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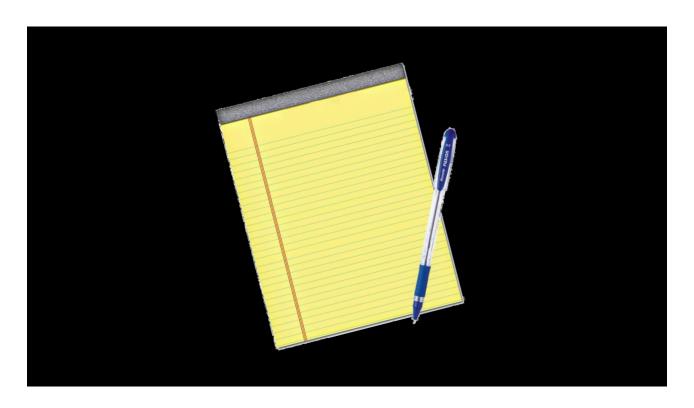
### Any expenses

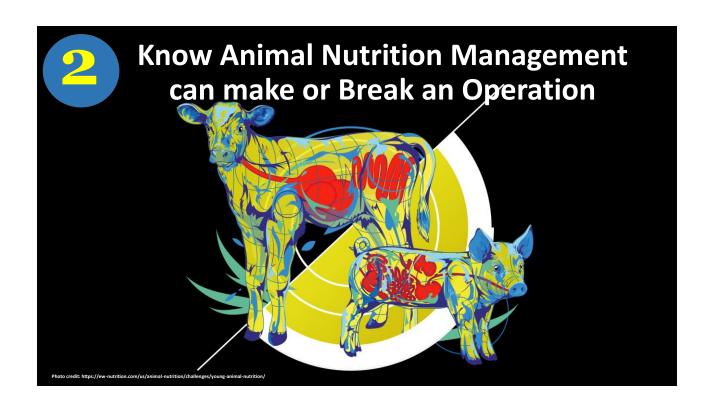
- Feed/hay/mineral
- Breeding animals
- Labor
- Repairs
- Veterinary
- Leases
- Taxes
- Capital expenses









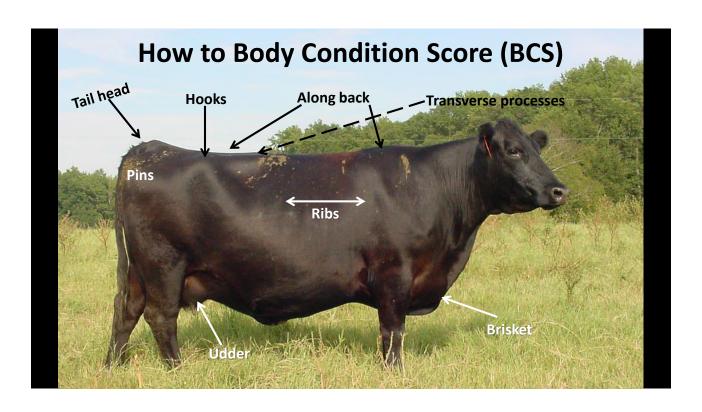






# **Nutrient Hierarchy**

- Maintenance
- Lactation
- Growth
- Breeding
- Fetal development



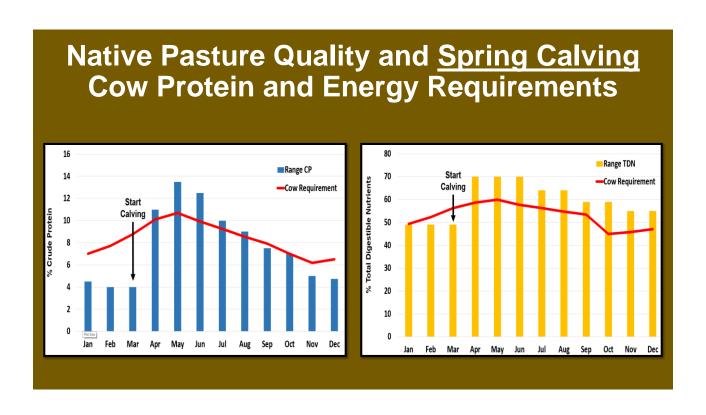


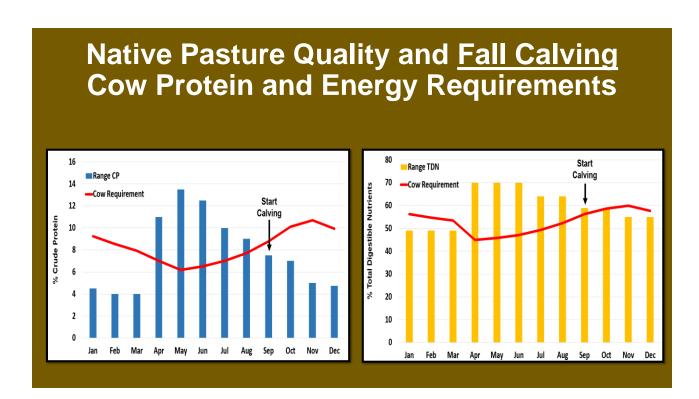
# **Understand Lifecycle Nutrition**

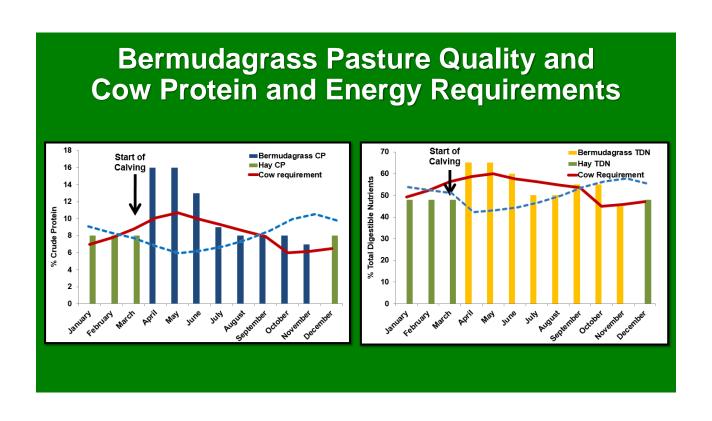
- Growing and developing animals have a higher nutrient requirement than mature animals.
  - Develop heifers to reach target weights at breeding and calving
  - Develop bulls through and after the first breeding season
- Young cows have high demands
  - Don't commingle 1<sup>st</sup> and 2<sup>nd</sup> calf cows with 3+ year olds.
  - 1<sup>st</sup> calf cow: maintenance, milking, still growing, loosing teeth, then rebreeding



# Match Forage Flow with Cattle Requirements











# **Marketing Goals**

### Timing of marketing

- Determines marketing date for weaning and breeding seasons
- When is weaning?
- Length of preconditioning phase
- Retain ownership sell to packer
  - Live
  - On the rail
- · Direct to consumer

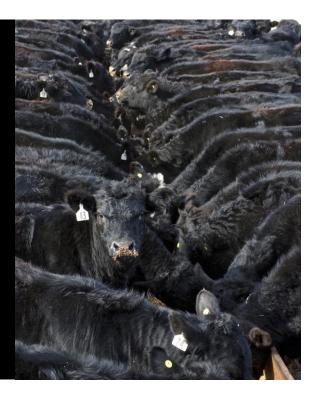
### Will determine

- Type of bull
  - (terminal, maternal, balanced)
- · Cow breed type
- · When to calve



# **Uniformity Sells!**

- Weight
- Type
- Sex
- Age
- Management
- Color





# **Consider Value Added Calf Programs**







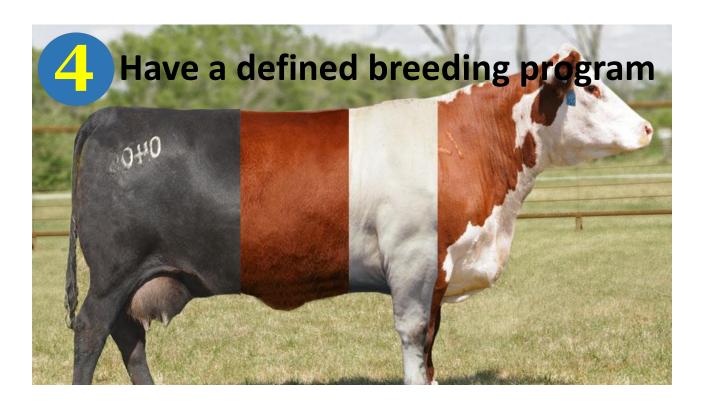




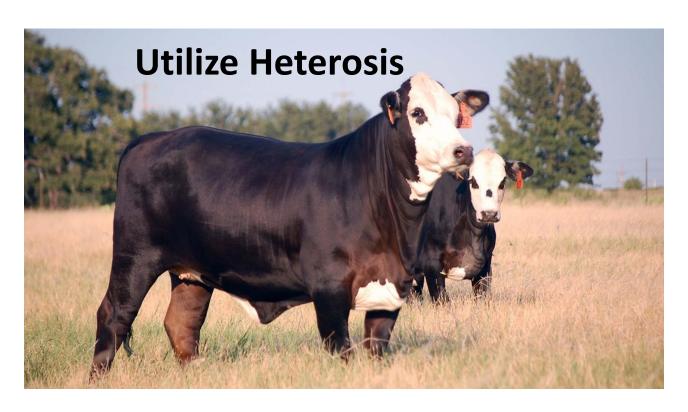
















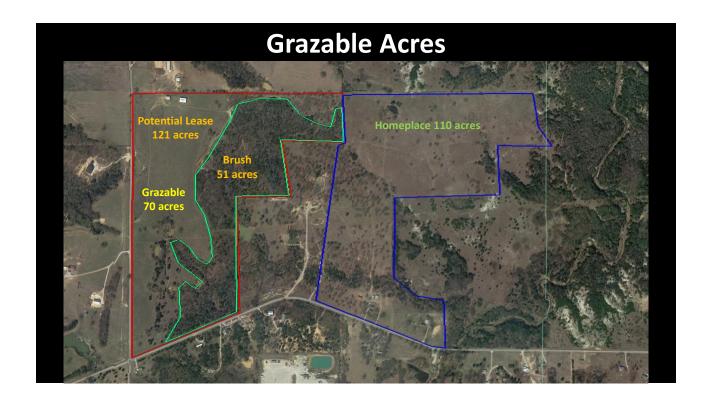






# **Must Provide Adequate Time for Plant Recovery**





# **Estimate Animal Days per Acre (ADA)**

- Estimate/measure how much available forage per acre before grazing.
- Example:
  - Ibs of available forage (1200 lbs/ac)
  - Daily forage consumption of the animal (3.0% for a cow x weight of animal) (36 lbs)
  - Number of acres (110)
  - Number of head (100)

Animal Days per Acre = ((lbs of forage available x # Acres) ÷ forage consumption)
# hd

Animal Days per Acre = (1200 lbs/Ac x 110 acres) ÷ 36 lbs/day)
100 hd

= 36 days

# **Stock Days per Acre (SDA)**

- Allows you to monitor the amount of grazing pressure.
- Can be used in the future to fine tune the animal days per acre estimate

Number of days grazed (25 days) Number of head (100 hd) Number of acres in pasture (110 acres)

Stock Days per Acre = (Actual # days grazed \* Number of head)
# acres in Pasture

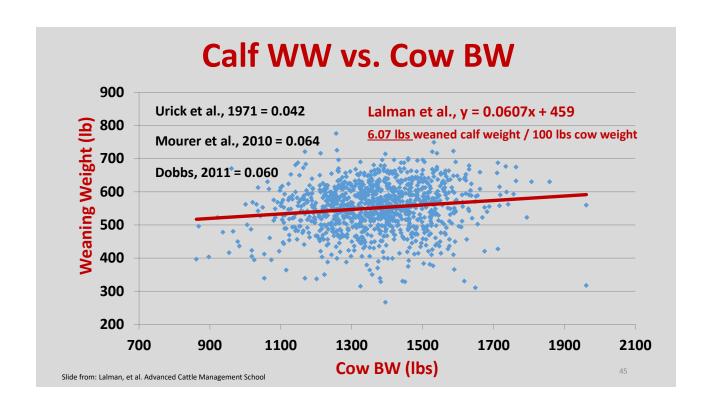
**Compare ADA and SDA** 

Stock Days per Acre = (25 days x 100 hd)
110 Ac.
= 22.7

# Estimated animal days per acre = 36 Actual stock days per acre = 22.7 Over estimated the forage availability by 37% ((36-22.7)/36)\*100 = 36.9% Keep this information for the next time you graze the pasture to be able to adjust appropriately.







### **Cow Size Relative to Weaned Calf Size**

1100 lbs. cow 1500 lbs. cow

550 lbs. calf 575 lbs. calf

50% Efficient at weaning 38.3% Efficient at weaning

Consume 2.75% of body weight

30 lbs. forage consumed 41.3 lbs. forage consumed

100 hd cows 72 hd cows

100% calf crop

55,000 lbs. weaned calves 41,400 lbs. weaned calves

# Value of Calf Crop

550 lbs. calf 575 lbs. calf

November 2021 projected cash price, \$/lbs

\$ 1.76/lbs. \$ 1.71/lbs.

\$ 968/hd \$ 983.25/hd

100 hd 72 hd

\$ 96,800 calf crop value \$ 70,794 calf crop value

# **Value of Calf Crop**

<u>1100 lbs. cow</u> <u>1500 lbs. cows</u>

\$ 96,800 — \$ 70,794

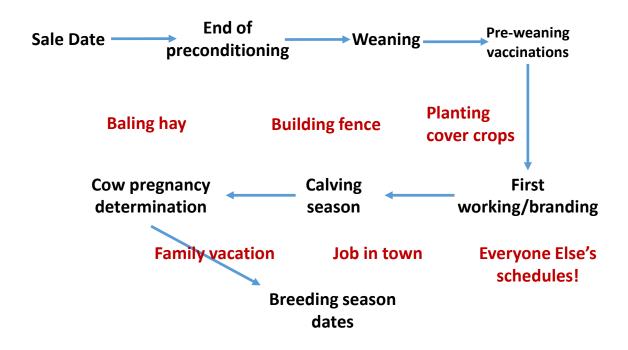
\$ 26,006 more with the 1100 lbs cows.

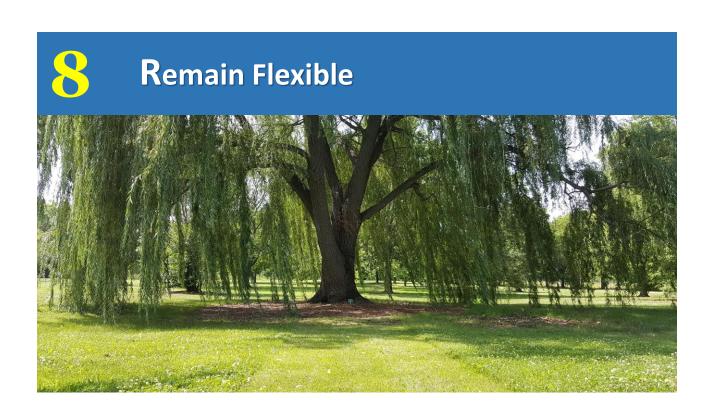
OR \$26,006 more efficient than the larger cows given the same amount of forage consumed











# Things Will Happen...















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