

The Theory of the

The First

80%

Kalyn Waters

UF/IFAS Extension Holmes County

Fritz Bischoff
Alzada, MT - 1920'S



Great-Great
Granddaughter





1920'S



2020's

Technology

does not

TRUMP

fundamental
Management





Genomic Testing
Artificial insemination
Nutrigenomics
Fetal Programming
Embryo Transfer

Retained ownership
Genetic strategy
Advanced grazing
management
Synchronization

80%

Semen Testing bulls
Preg checking cows
Test hay samples
Soil samples
Culling cows
Basic records
Weighing cows
Individual ID
Genetics
Managing depreciation

Breeding season
Good fence
Comprehensive budget
Supplement plan
Market culls & calves
Herd health
Castrating bull calves
Implanting
Cow pens
Pasture management

Table 1. Farm Expenditures, by Category, 2019 (\$ billion and percent)

	\$ billion	percent ^a	
Feed	59.4	16.6	
Livestock, poultry, and related expenses	42.8	12.0	
Farm services	42.8	12.0	
Labor	34.8	9.7	
Rent	29.7	8.3	
Fertilizer, lime, and soil conditioners	22.3	6.2	
Seeds and plants	21.2	5.9	
Farm supplies and repairs	17.6	4.9	
Agricultural chemicals	15.5	4.3	
Farm improvements and construction	13.5	3.8	
Taxes	13.4	3.7	
Fuel	12.3	3.4	
Other expenses	32.5	9.1	
Total	357.8	100	<i>Feed, at \$59.4 billion, was the largest expense item, accounting for 16.6% of farm expenditures.</i>

^aMay not add to 100% due to rounding.
Source: USDA NASS.

Cull Unproductive Cows



Manage Calving interval



KISSIMMEE LIVE STOCK MARKET

INCORPORATED

KISSIMMEE FLORIDA

AUCTIONEERS DEALERS BROKERS

Thursday, November 7th, 1940

Approximately 300 cattle and calves on sale this Thursday—this being about the same number sold same day last week.

Good Fat Cows brought \$4.25 to \$5.00; Medium Cows brought \$3.95 to \$4.25; Common and Cannors brought \$3.25 to \$3.95.

No Good Fat Calves on market. Medium Calves brought \$6.00 to \$6.50; Common Calves brought \$5.00 to \$6.00; Boner Calves brought \$4.00 to \$5.00.

No Good Fat Steers on market. Feeder Steers brought \$4.50 to \$5.00; Thin Yearlings the same price.

Common Bulls and Stags brought \$4.00 to \$4.50.

Hogs sold at \$5.00.

The prices on cows was slightly lower this week than last week. The cows offered were not as fat as those sold here last week. Therefore, the prices compared favorable with the grade.

Several packers needed cows Thursday...but we only had 83 cows on sale, and they could not come here to bid on such a small sale.

They are depending on us to have a large run of cows next week, therefore, arrange to bring a few good ones as well as your culls.

There was a demand for a car load of Good Fat Calves, but we did not have these. The same buyer will be here next week, expecting to buy a car of calves for Virginia. Therefore, bring a few good calves along with your cull calves.

Some of the cows and calves don't look as if they can go through the winter. Why not cut them out and bring them here next Thursday. The packers will use all kinds... and pay you what they are worth.

Don't fail to visit the Live Stock Development Special Train next week. Ask your local Atlantic Coast Line Agent what time this train arrives at your nearest station. See this Special Train at Kissimmee, Tuesday, November 12th, between 11:30 A. M. and 3:00 P. M.

Let us have a good sale next week... the packers are expecting a good run of cattle and calves. Don't disappoint them.

See You Next Thursday

"A Dependable Cash Market"

Day 30

BW 75 LBS

ADG =2.5 l bs

Weaning =200 d

WW =575

\$ 1.75/l bs

\$1006

Day 90

BW 75 LBS

ADG =2.5 l bs

Weaning =140 d

WW =425

\$ 1.95/l bs

\$828

Difference =\$178

Day 60

BW 75 LBS

ADG =2.5 l bs

Weaning =170 d

WW =500

\$ 1.84/l bs

\$920

Difference =\$86

Day 120

BW 75 LBS

ADG =2.5 l bs

Weaning =140 d

WW =375

\$ 2.04/l bs

\$765

Difference =\$241

	Mature Cow		1 st Calf Heifers	
	TDN	CP	TDN	CP
Calving	59.2%	10.5%	60.6%	10.5%
Breeding	55.1%	8.7%	57.0%	8.9%
Dry/Bred	47.4%	6.6%	50.9%	7.3%
Heavy Bred	54.6%	8.6%	58.3%	9.0%
<ul style="list-style-type: none"> • On a dry matter basis • Based on dry matter intake of 2.0% of body weight 				

1,200 Mature Cow Heavy Bred

2%DMI = 24 lbs/day -- 2 lbs cp & 13 lbs TDN

Hay = 8%CP & 45%TDN -- 1.92 lbs CP & 10.8 lbs TDN

What does an open cow cost?

Annual Cow cost = \$400

6 year old cow

532 lbs calf = \$1.55

extra 258 lbs @ \$1.55

Calf value = \$825

+6 yrs = 43 lbs/ year

