



“There is a deep connection between the stockman and his stock. A deep vested love for animals and the land that few people understand.”

**Our commercial industry
needs great cattle, not
cattle with great numbers.
Breeding cattle with great
numbers is easy.
Breeding great cattle is a
very challenging task.**

The livestock breeder has three tools with which to improve his herd:

- 1) Selection**
- 2) Inbreeding**
- 3) Crossbreeding**

Registered breeder should only use the 1st two of these.

Define Inbreeding & Linebreeding

Good calf - Linebreeding

Poor calf - Inbreeding

**In fact, the two terms are
synonymous.**

“If a breeder continuously uses outcrossing within the breed to maintain within-breed heterosis, it should raise some doubt as to the potential breeding value of sires produced by these breeders.”

**- Dr. Ray Woodward
Supt. Of Miles City Research Station**

**Linebreeding is no guarantee
these animals are great.**

**You can instill bad traits as
well as good ones.**

**You don't create bad genetics
by Linebreeding.**

**You only make what is already
there express itself.**

Linebreeding is for those whose main desire is to leave a mark within their chosen breed.

You must have a sincere desire to firmly set your chosen traits and eliminate defects.

**To be a success at
Linebreeding, you must be
prepared for many costly
disasters.**

Linebreeding is not for the impatient breeder.

Linebreeding is not for the faint at heart.

Linebreeding is not a way to reach great wealth.

**You must be prepared to
ruthlessly cull.**

**Even after years of
Linebreeding, culling is a must.**

After Linebreeding for several generations, you should expect some regression.

After your customers use your Linebred animals in an outcrossing situation, they will realize greater hybrid vigor even if used within the same breed.

<u>PRINCE DOMINO</u>	4144702	MODERN PRINCE 9
<u>DON A DOMINO</u>	5527550	<u>PAULINE DOMINO 8</u>
<u>DONIA S ASTER 2</u>	4732595	<u>PRINCE DOMINO</u>
<u>PRINCETON DOM</u>	6927925	DONIA S ASTER
<u>PRINCETON DOMINO 4</u>	3211373	PRINCETON DOMINO 2
<u>MISS LOIS DOMINO</u>	4361031	LADY REAL 44
<u>LOU DOMINO</u>	2951722	PRINCE DOMINO A23
<u>9867481</u>		MISS LAUREL 2

SIRE

MILES DOMINO 02 11678439

NAME BETSY DOMINO 9 - Dam of 881 cow 12625480
 DATE CALVED MAR 13 1963 TATTOO R.E. 312 L.E. 312
 BREEDER A V APPELGREN WOLF POINT MONT

DAM

NELLIE DOMINO A 9835420

L10 DOMINO 15

7418844

L1 DOMINO 263

9041890

L 1 DOMINETTE 46

5557448

L1B LASS 31

CARSON DOMINO

6862438

L1 DOMINO 122

L 1 DOMINETTE 31

NELLIE DOMINO G

9835426

IDA 10

8425353

MILES DOMINO A27

TOOTSIE 9

L1B DOMINO 2

CARSON DOMINO

4506238

L1A LADY 21

L1 DOMINO 122

6862438

ADAMS DOMINO

L 1 DOMINETTE 31

5222168

ALTONS LADY 27

DAM

NELLIE DOMINO A 9835420

ALBION DOMINO

MILES DOMINO A27

6600346

TOOTSIE 7

IDA 34

8425377

GYPSY BALDWIN

TOOTSIE 13

4523071

JANET

L10 DOMINO 5

HB LINCOLN DOMINO 51

HBR BELLE LINCOLN 40

EL DOMINO 29

LADY CAL 29

CLAYTON DOMINO

PRAIRIE LADY 11 20

ADVANCE DOMINO 54

AMELIA DOMINO 2

L1B DOMINO 2 54

L1A LADY 21 20

ADAMS DOMINO 20

ALTONS LADY 27 20

ALBION DOMINO 20

TOOTSIE 7 Gypsy Baldwin

GYPSY BALDWIN

GRACE

ADVANCE DOMINO 54

AGATHA DOMINO

ADVANCE DOMINO 20

DOMINA LASS 3

ALTON DOMINO 20

L1A LADY 21 20

ALTON DOMINO 20

AGNES DOMINO

ALTON DOMINO 20

ADVANCE LADY

GYPSY BALDWIN

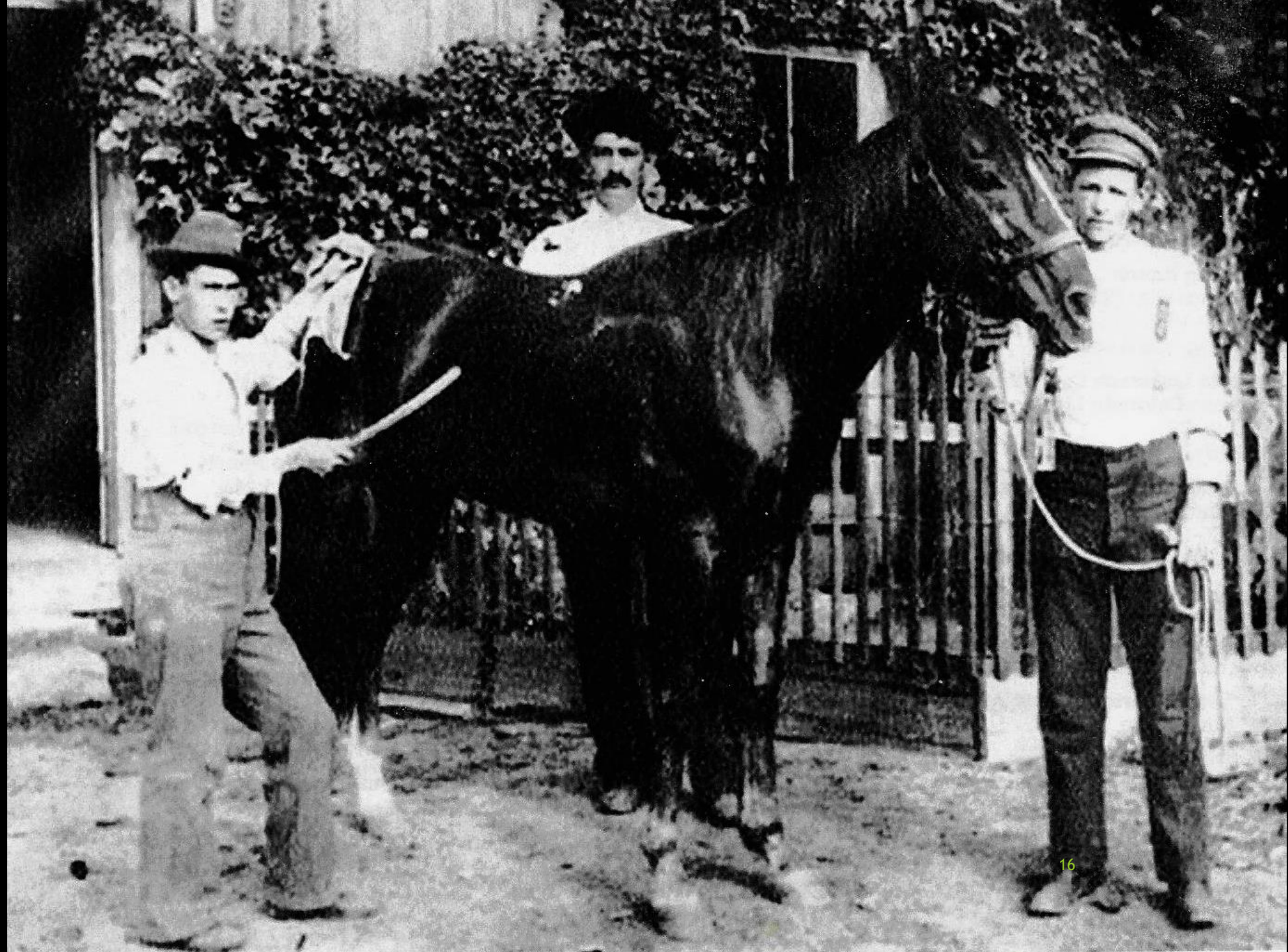
LUCY

NONPAREIL

LILLIAN DONALD

LUCKY DOMINO 1

GRACE



SIRE

L1 DOMINO 433 11008364

NAME L1 DOMINO 569 11938045
 DATE CALVED APR 13 1961 TATTOO R.E. 1305 L.E. 1305
 BREEDER U S RANGE LSTK EXP STA MILES CITY MONT

DAM

L1 DOMINETTE 429 9041982

L1 DOMINO 284 9517840

L1 DOMINO 181 7978510

L1 DOMINETTE 138

CARSON DOMINO

L1 DOMINETTE 176 6351181

SUPERIOR LADY 9

ADAMS DOMINO

L1 DOMINO 73 5921849

CLAYTONS LASS 12

L1 DOMINETTE 346 7978604

A-A DOMINO 2

A-A LADY 5 4506250

L1 A LADY 11

CHASE DOMINO

L1 DOMINO 10 5222127

PRAIRIE LADY 20

L1 DOMINO 112 6862444

ALTON DOMINO

ALTONS LADY 27 4190715

AGNES DOMINO

L1B DOMINO 2

CHASE DOMINO 4506239

BELLE DOMINO 2

L 1 DOMINETTE 73 5557463

L1B DOMINO 2

SUPERIOR LADY 19 4506294

CREOLE DOMINO

ADAMS DOMINO 20
 CLAYTONS LASS 12 54
 ADAMS DOMINO 20
 PRAIRIE LADY 49 20
 L1B DOMINO 2 54
 L1A LADY 21 20
 L1B DOMINO 2 54
 L1A LADY 10 20
 ALTON DOMINO 20
 L1A LADY 21 20
 CLAYTON DOMINO 54
 L1B LASS 19 20
 PRAIRIE DOMINO 20
 AUDREY DOMINO 20
 ADVANCE DOMINO 20
 DOMINA PRINCESS
 L1B DOMINO 2 54
 BELLE DOMINO 2 20
 PRAIRIE DOMINO
 ARLENE DOMINO 2
 ADVANCE DOMINO 20
 NELL DOMINO
 ADVANCE DOMINO 20
 RPB LADY 11
 ADVANCE DOMINO 54
 AGATHA DOMINO 20
 DANDY DOMINO 113
 BELLE DOMINO
 ADVANCE DOMINO 54
 AGATHA DOMINO 20
 ADVANCE DOMINO 54
 DOMINA PRINCESS

← L1 Domino 433

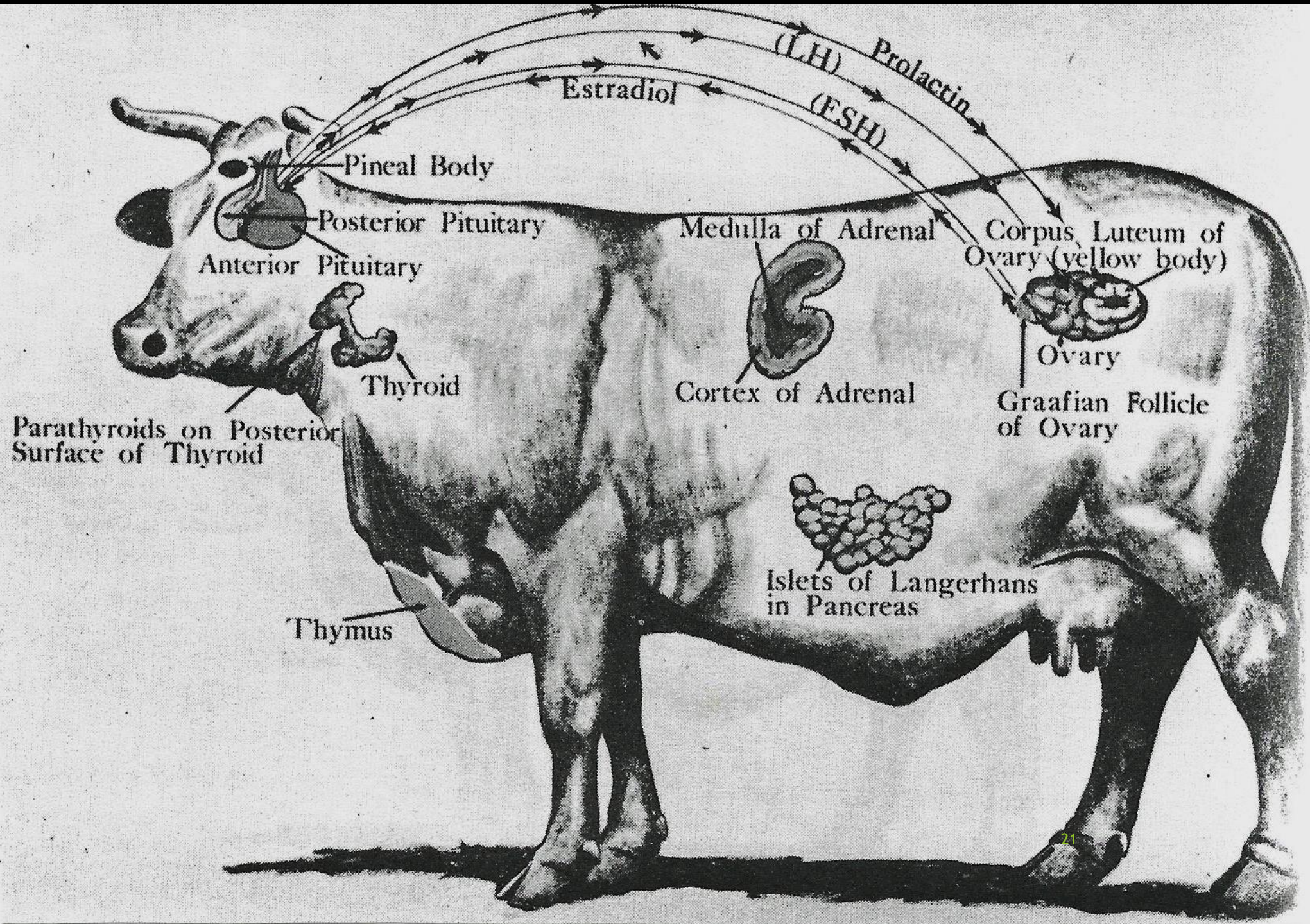
THIS IS LI DOMINO 569

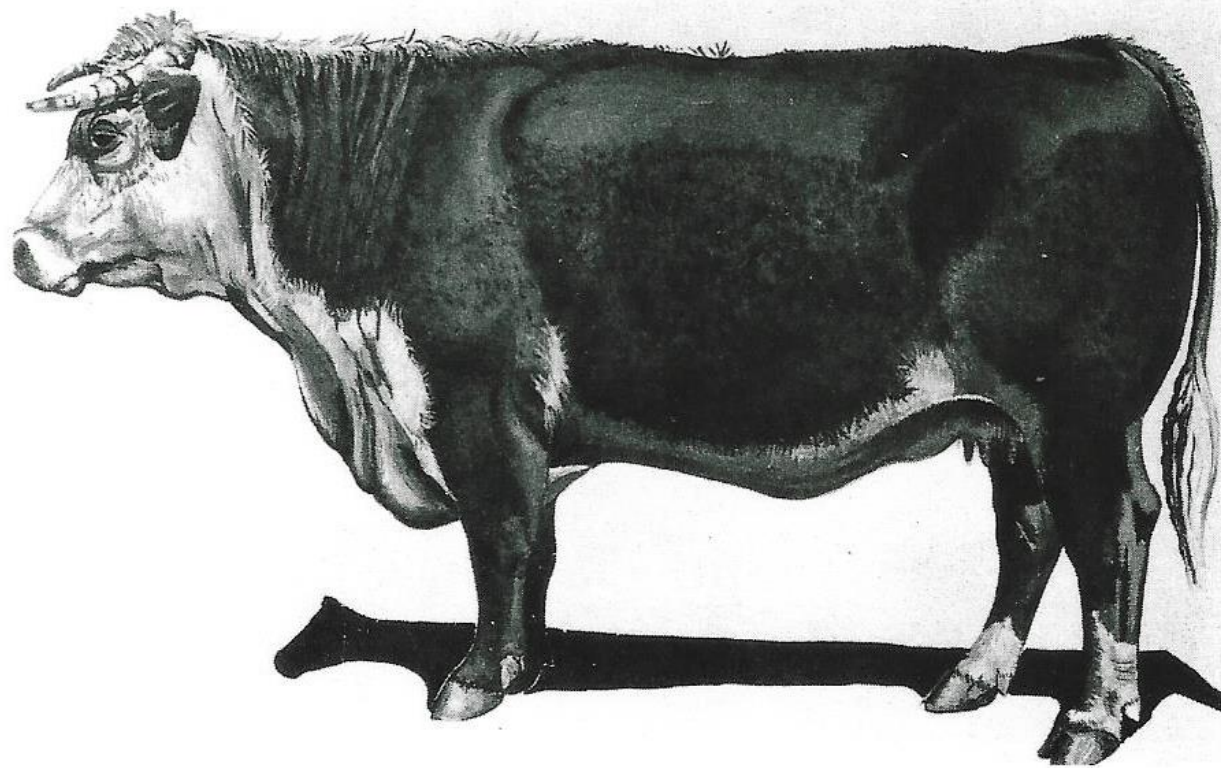
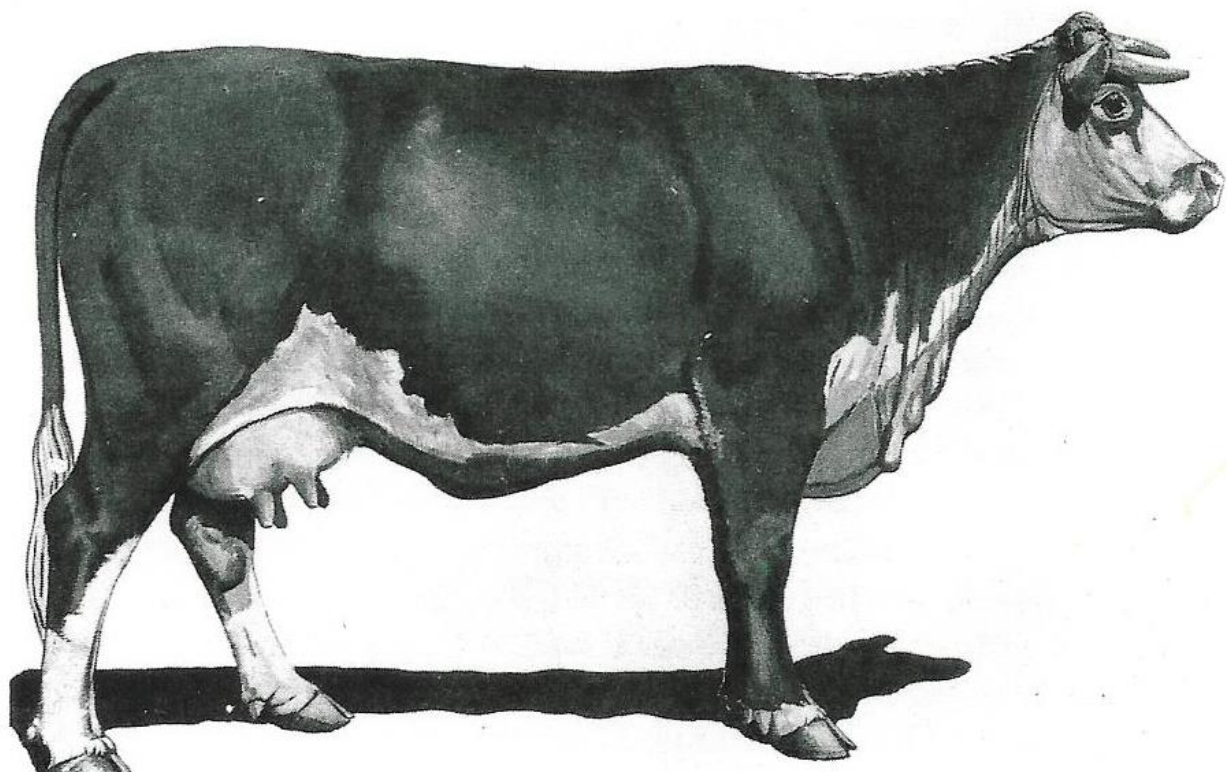


- ☐ HE IS A SEVEN YEAR OLD LINE 1 MILES CITY BULL
- ☐ HIS LAST RECORDED WEIGHT WAS 2440 POUNDS
- ☐ WE PURCHASED HIM TWO YEARS AGO FROM JACK COOPER,
COOPER HEREFORDS, WILLOW CREEK, MONTANA

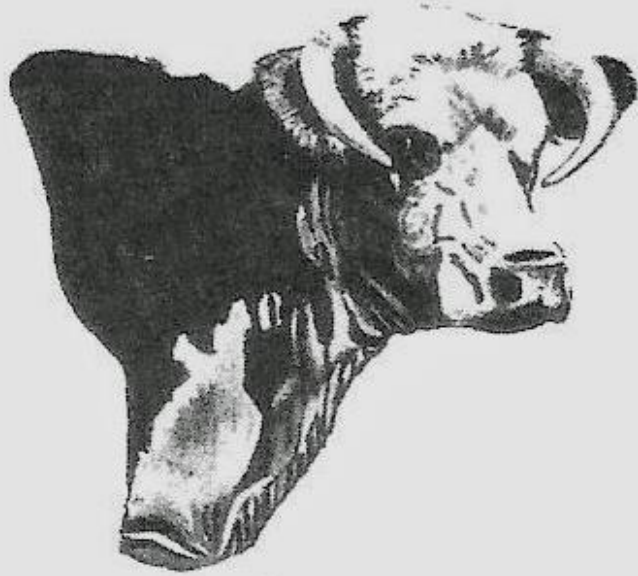
“To breed for optimum means to have a target in sight beyond which you don’t want to go. If your goal is to maintain an optimum level for any trait, the evidence of your accomplishment is not visible change, but lack of it.”







Lean, calm, and alert; no fat on the cheeks; if horned, the horns are greyish, waxy, and of homogenous composition. Neck lean and flat.



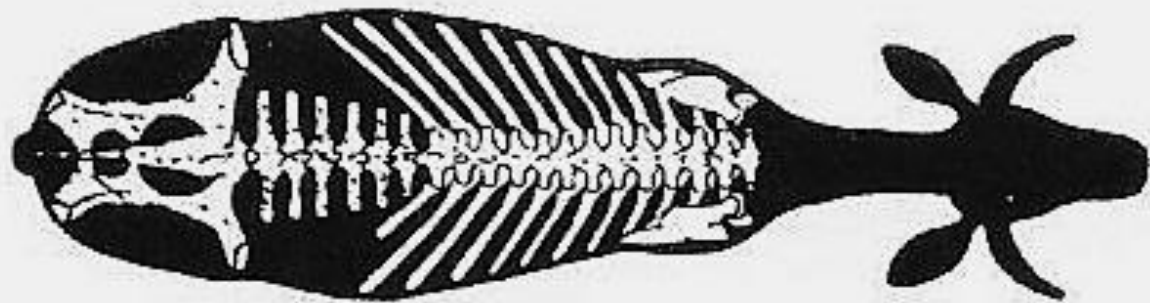
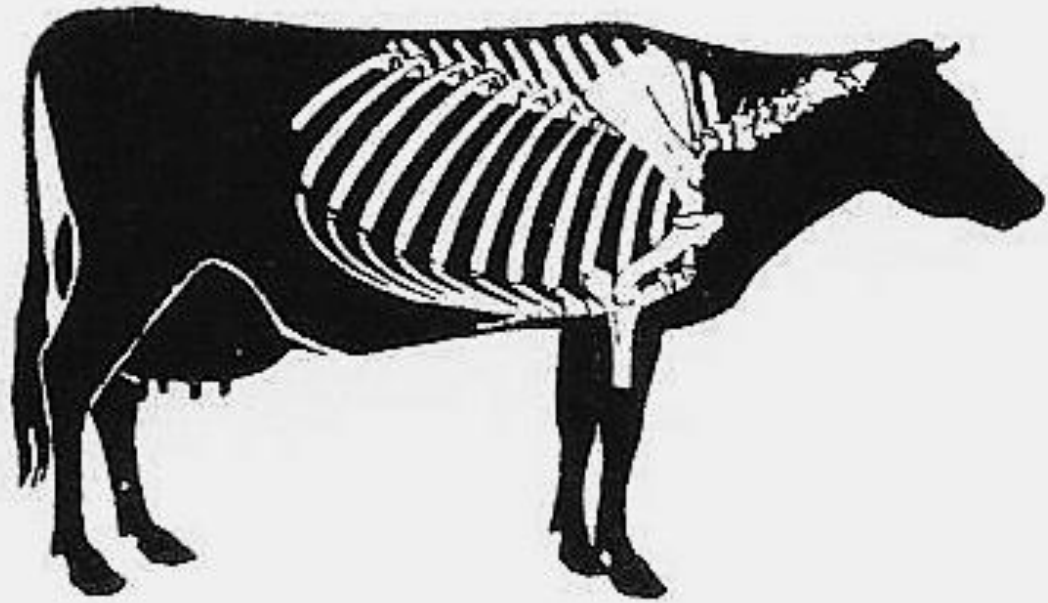
Feminine head---matronly.

Steery, eavily fleshed cheeks. Coarse hair on head and neck. Horns are either porcelainy or have white patches. The horn is not of a homogenous composition.

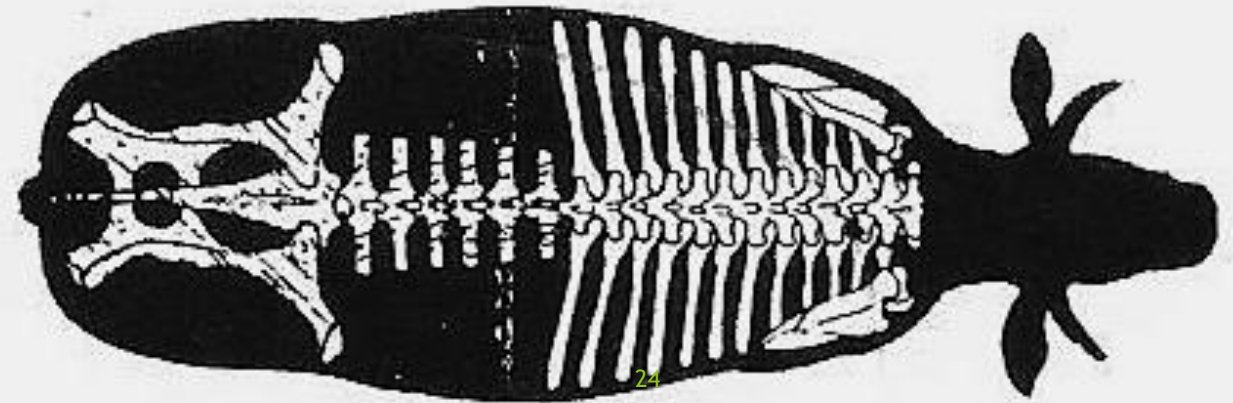
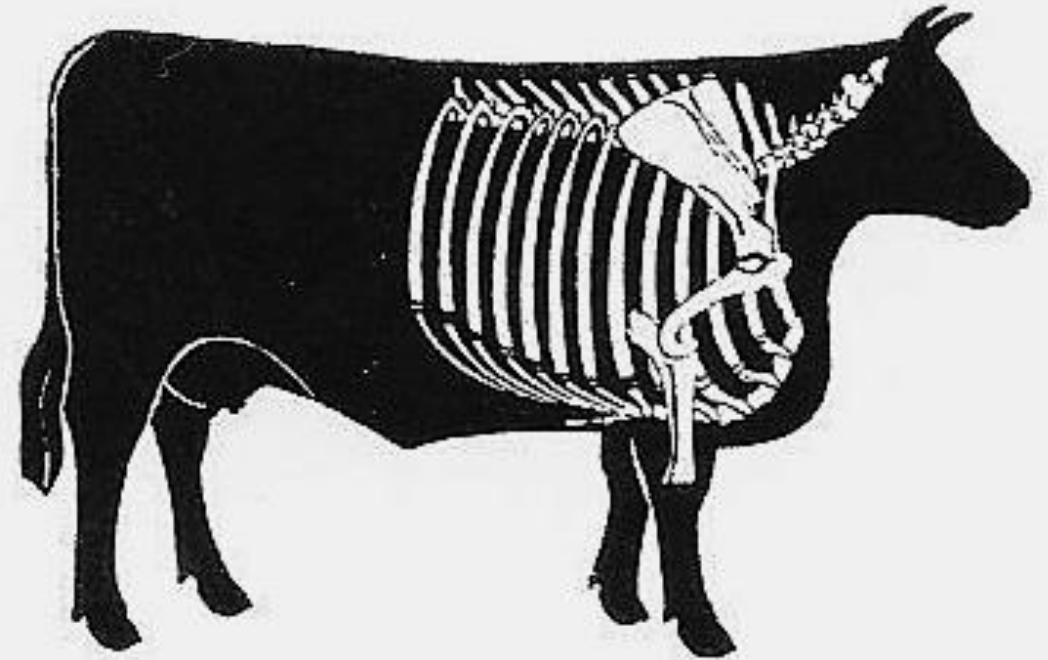


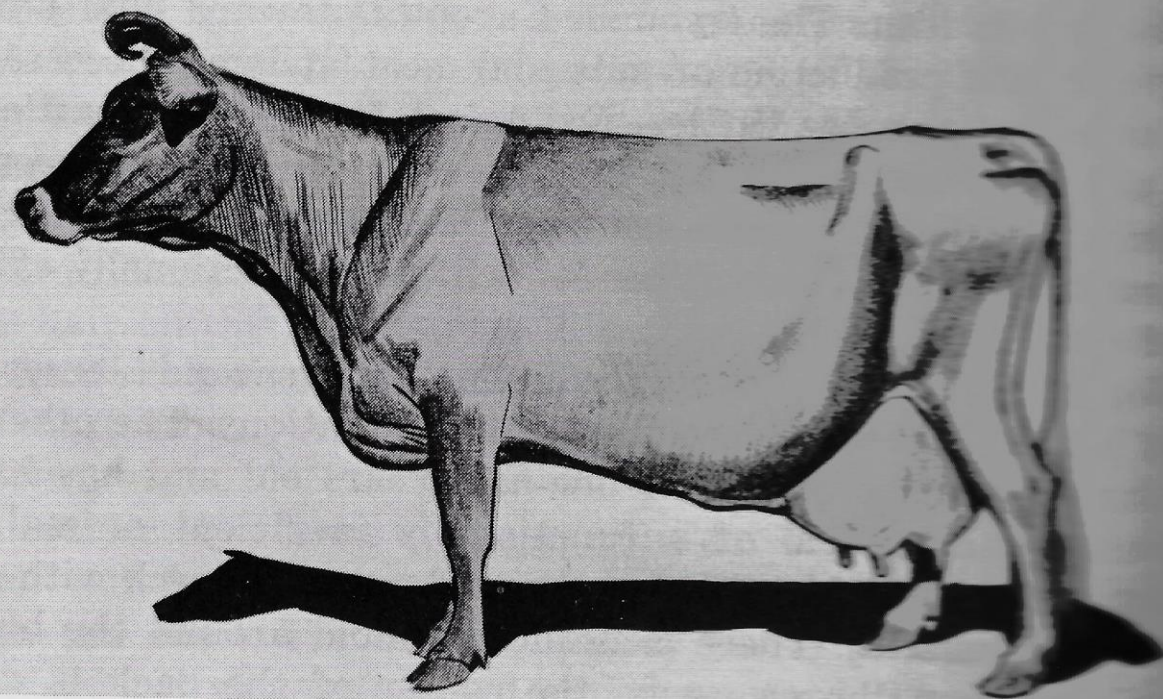
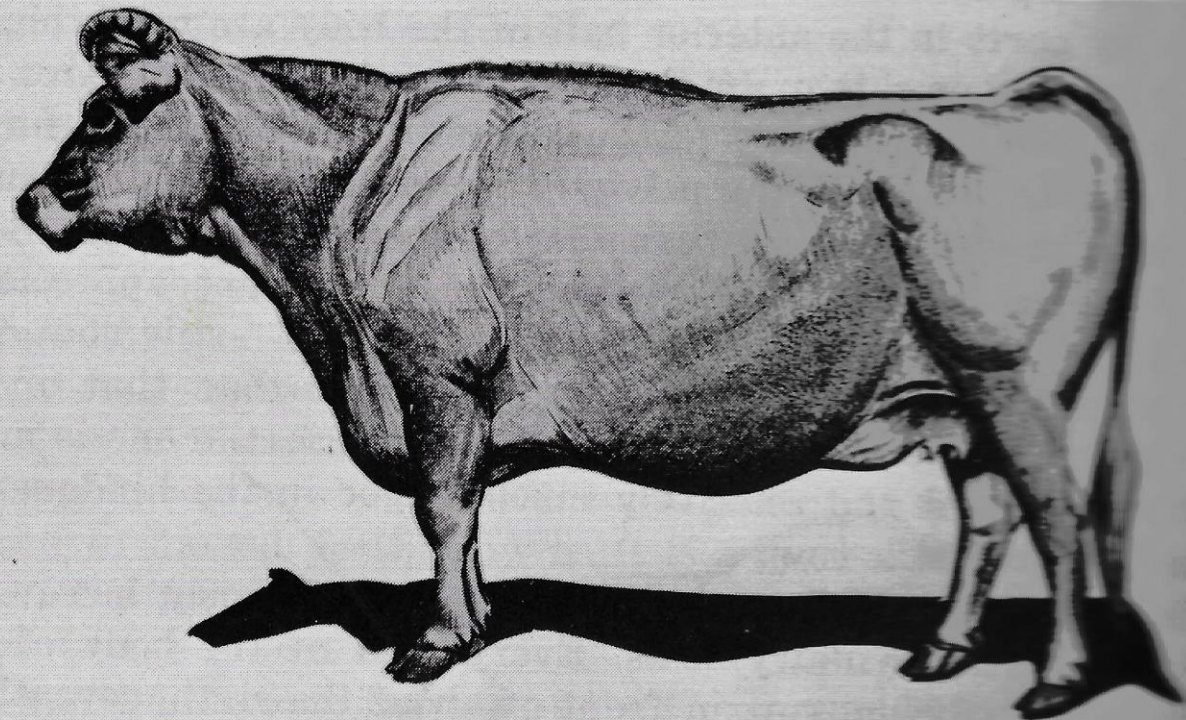
Steery heavy head---hairy.

MELKBEESTE

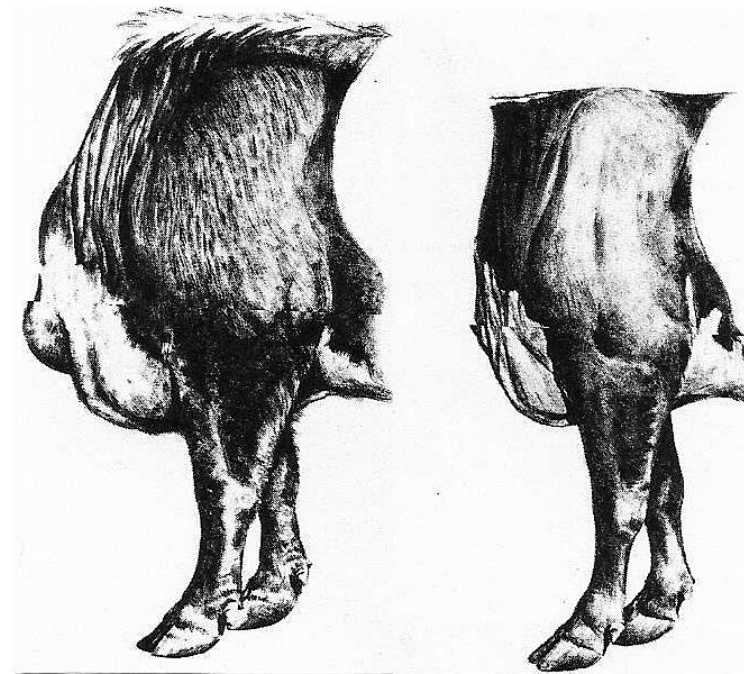
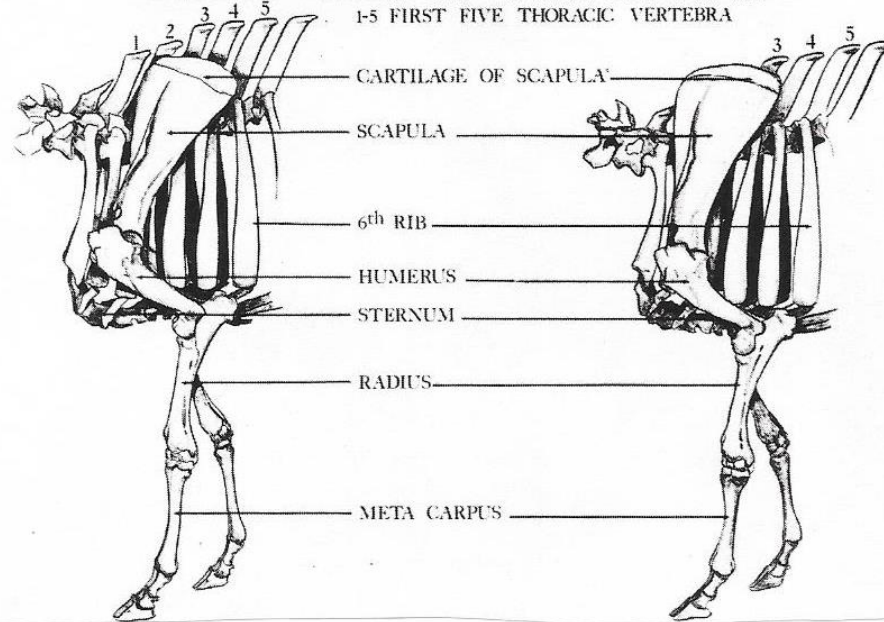


VLEISBEESTE

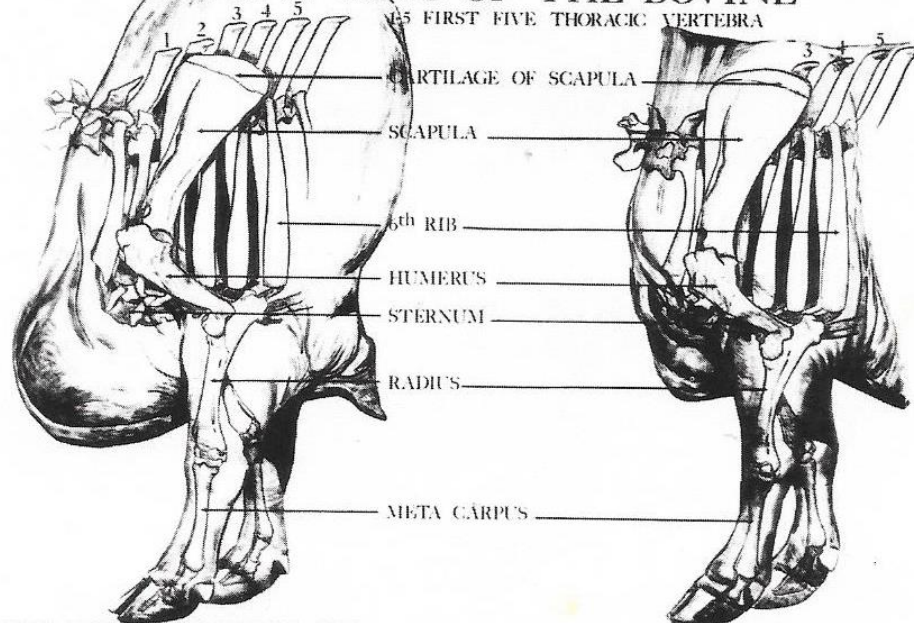




FRONT LIMB OF THE BOVINE



FRONT LIMB OF THE BOVINE



FRONT LIMB OF SUB-FERTILE COW

FRONT LIMB OF FERTILE COW

BACK LIMB OF THE BOVINE

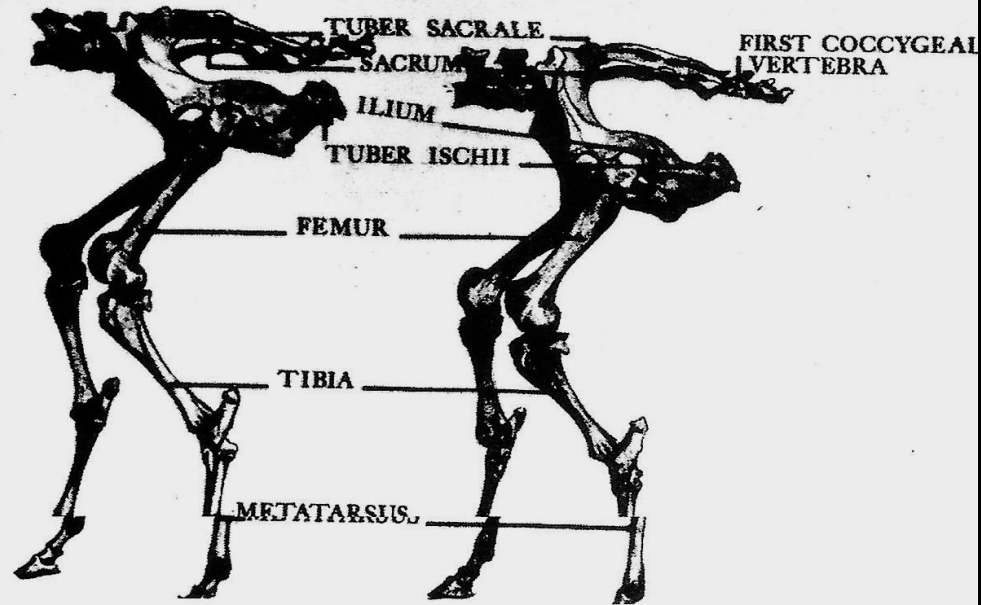


Fig. 5. The back limb of a dystocia prone cow, left, and a normal calver, right.

PELVIC LIMB OF THE BOVINE



Fig. 6. The pelvic opening from the rear.

**Most traits can be
compared to a chapter in
a book.**

**Longevity is the entire
book.**

100 Cows

25 - 2 year old

20 - 3 year old

15 - 4 year old

12 - 5 year old

10 - 7 year old

6 - 8 year old

2 - 9 year old

1 - 10 year old

1 - 11 year old

4.59 years average age

479-17yrs.









218

8 yrs.

Nursing 964 Bull calf

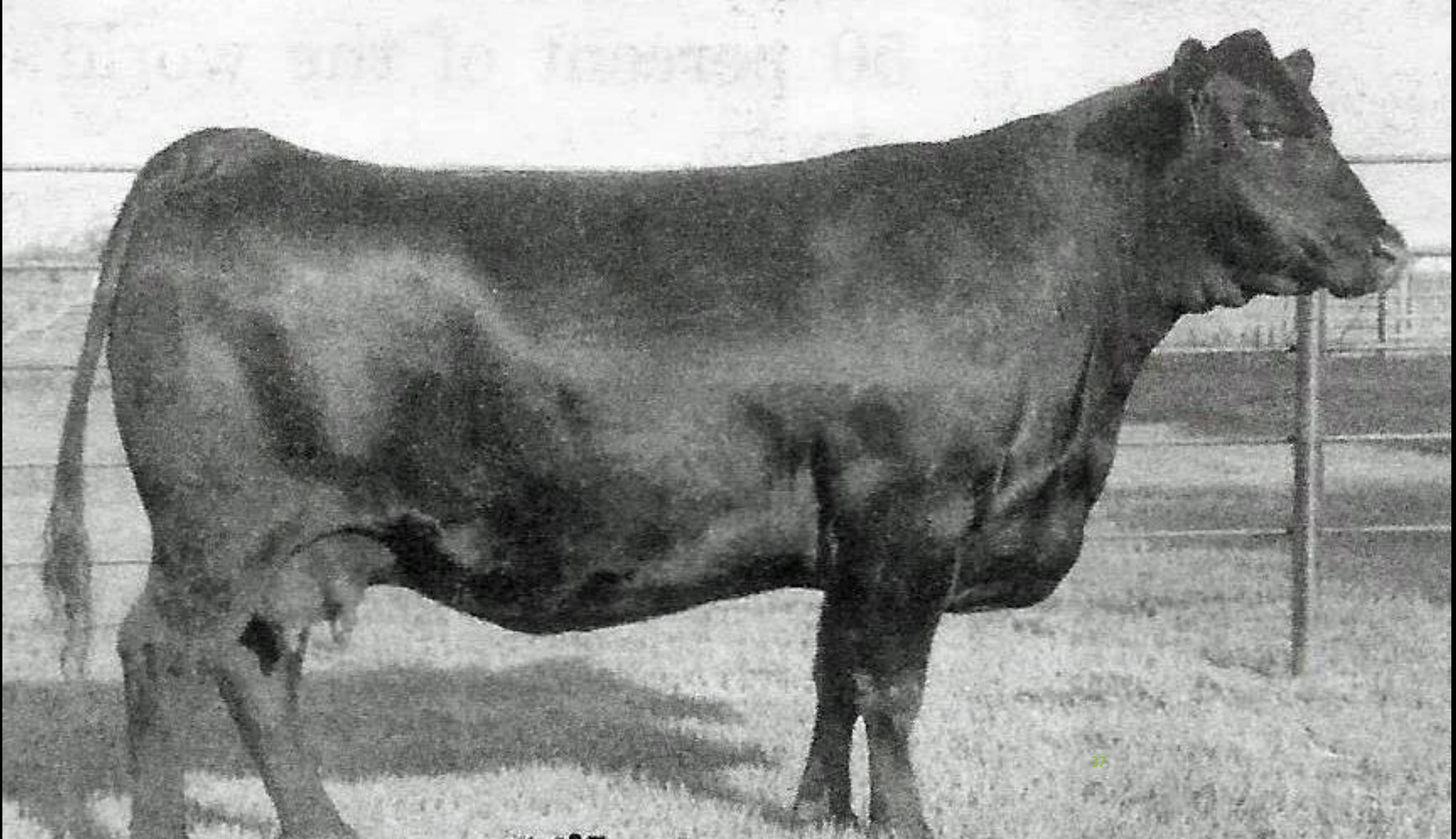


176-38r.01d-732x845





John Dodson





14A



If you select your champion show steer today and then the next day you pick your champion bull & heifer to look like that steer. They will produce offspring in about the same numbers.





40



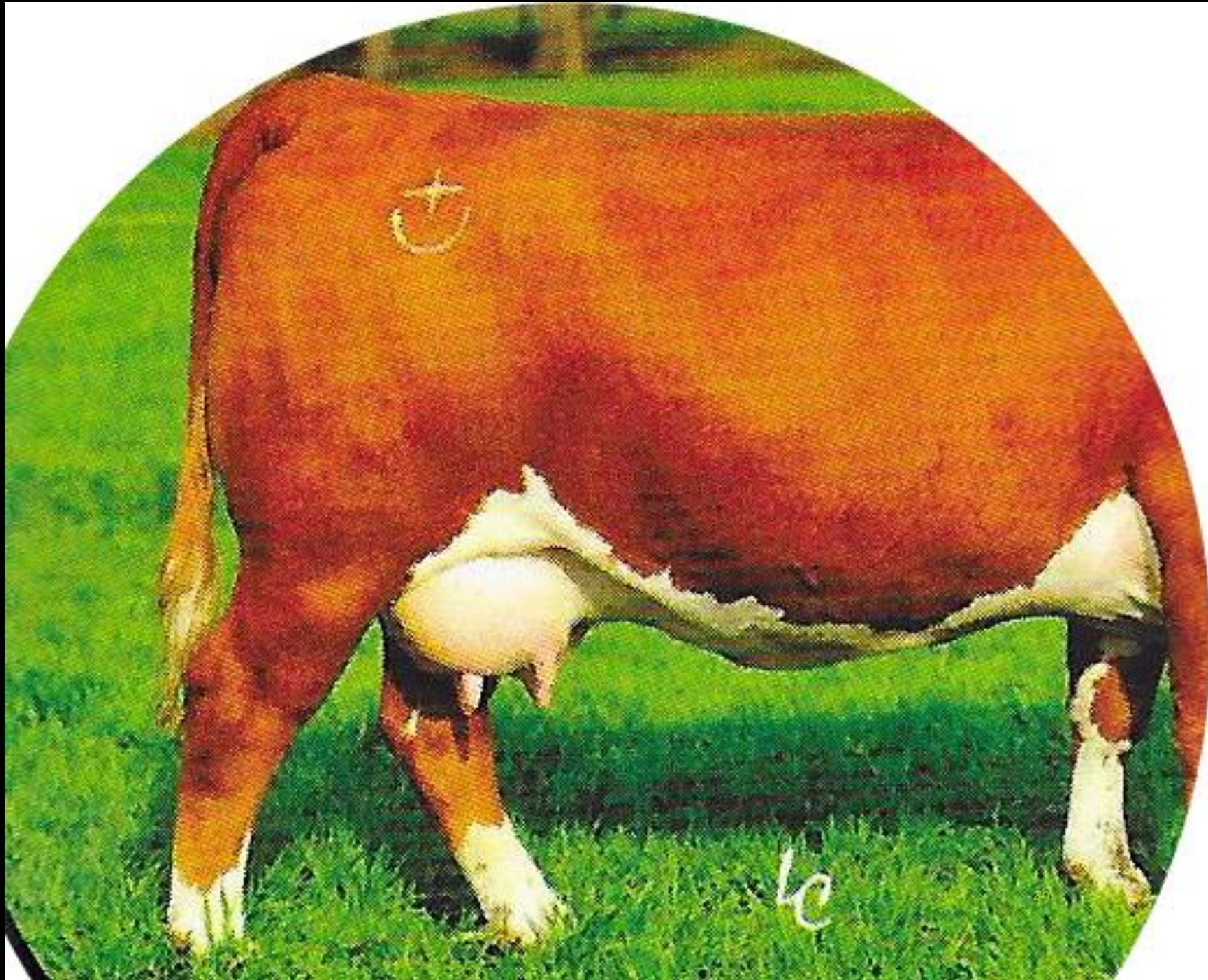






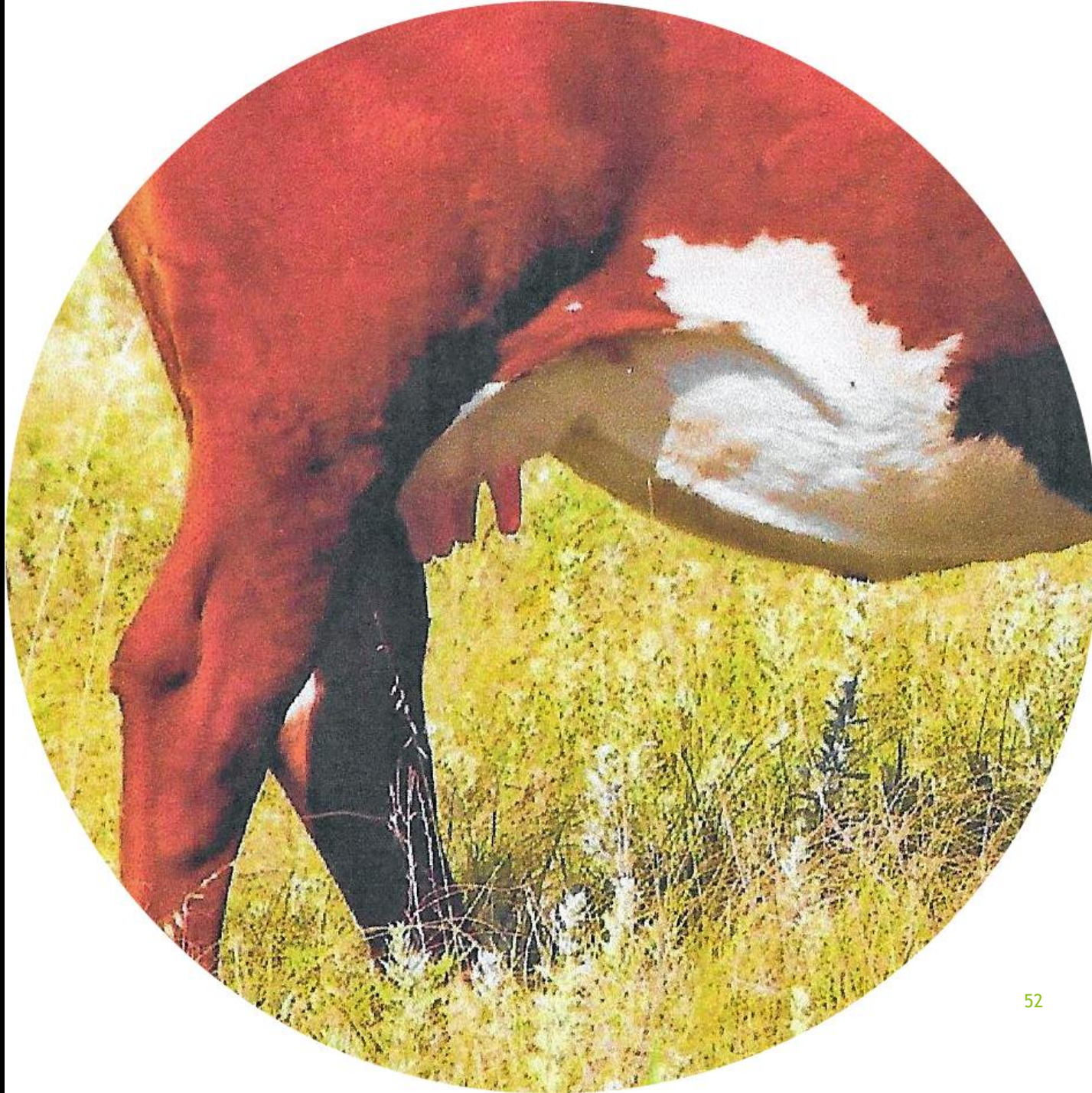


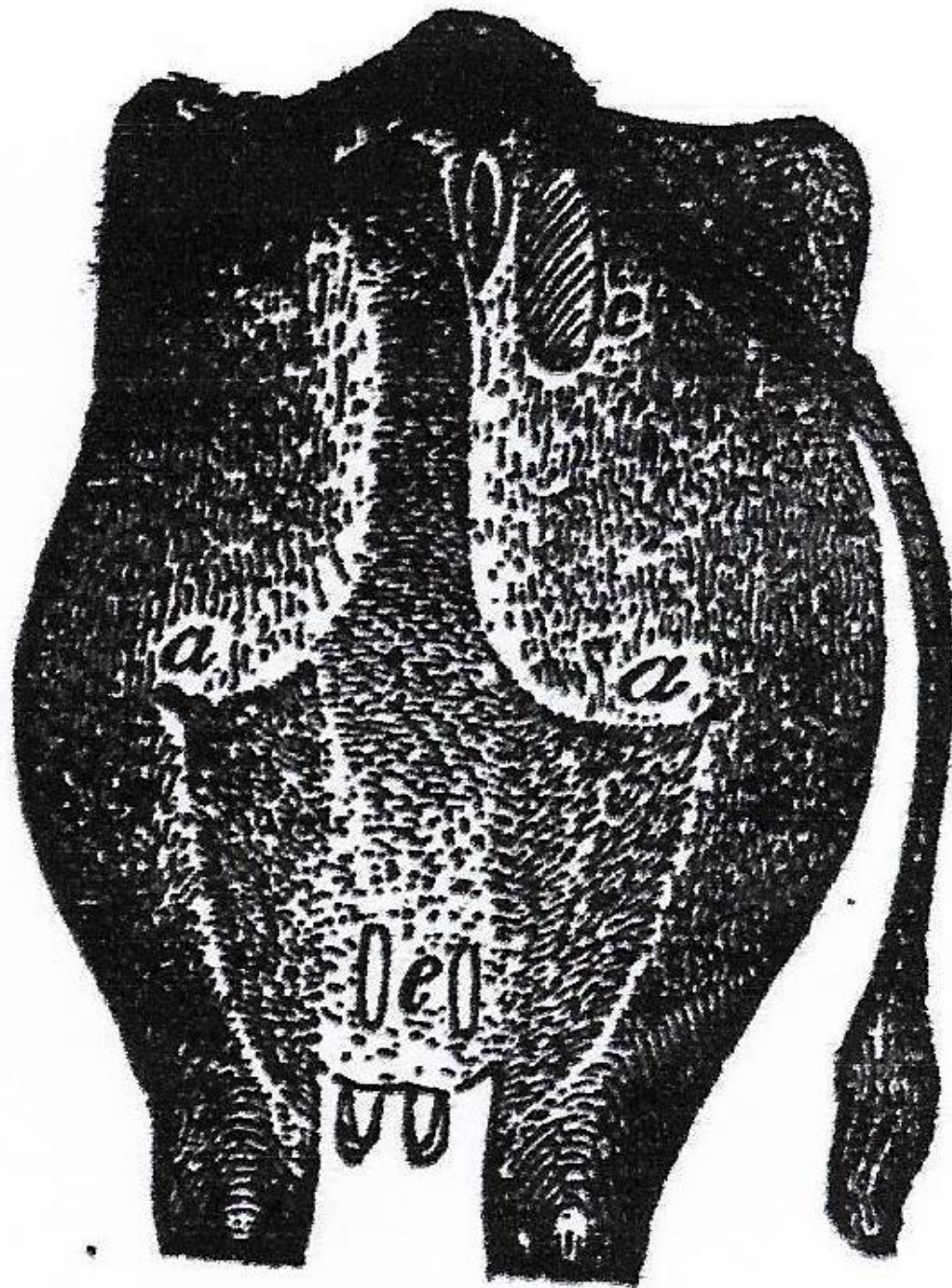








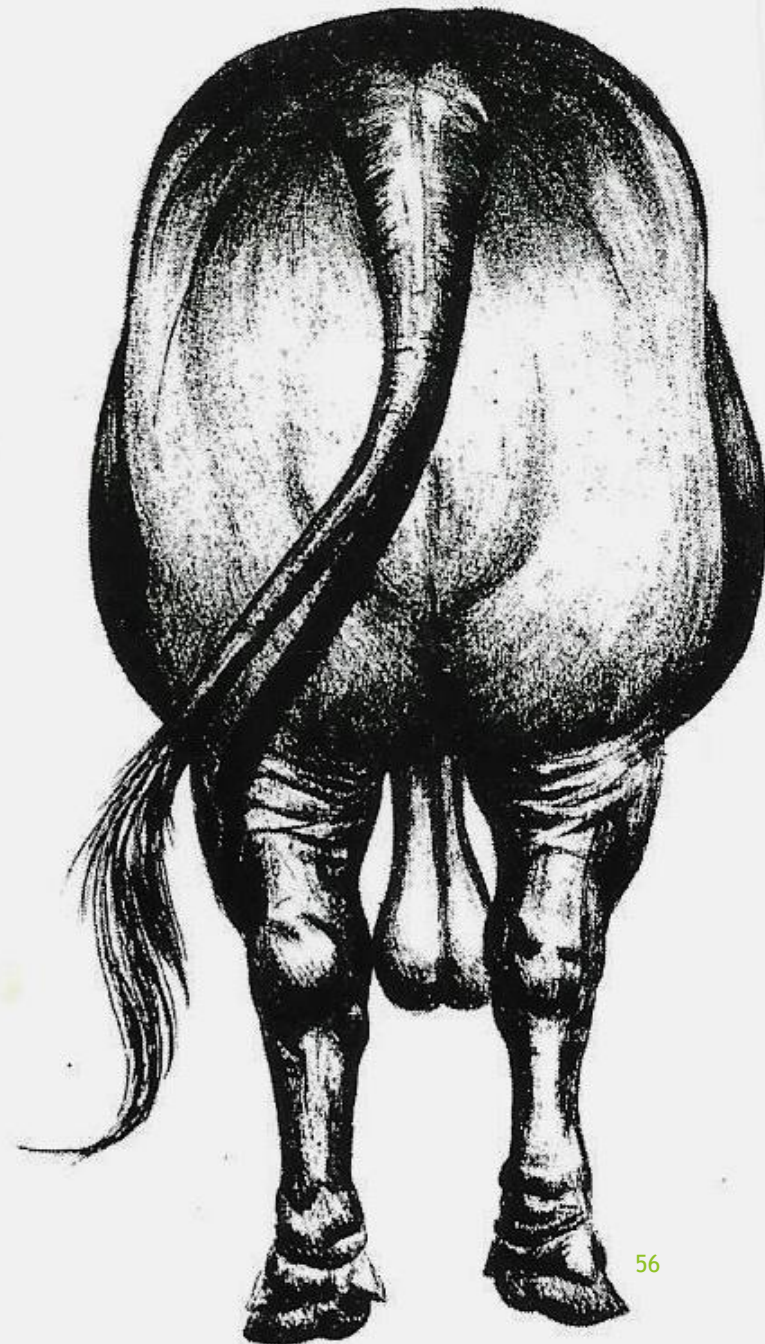


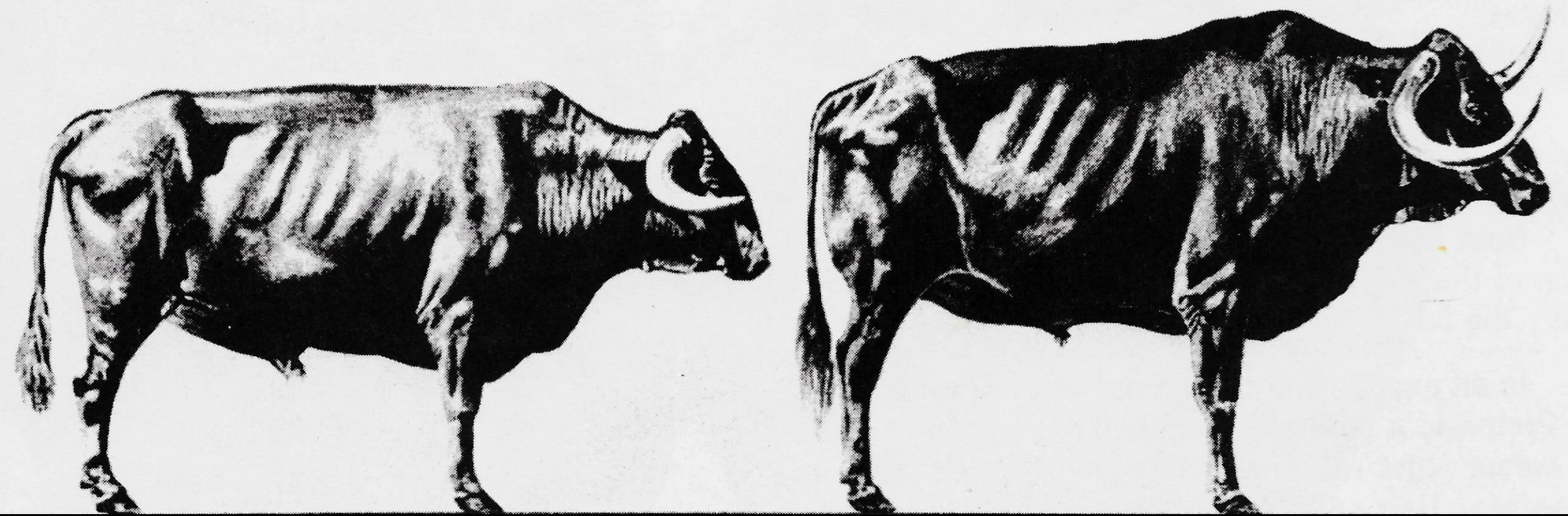


**Judge a bull by the
daughters he leaves in
your herd.**

**That is his end product for
you, not the steaks his
steer calves turn into.**

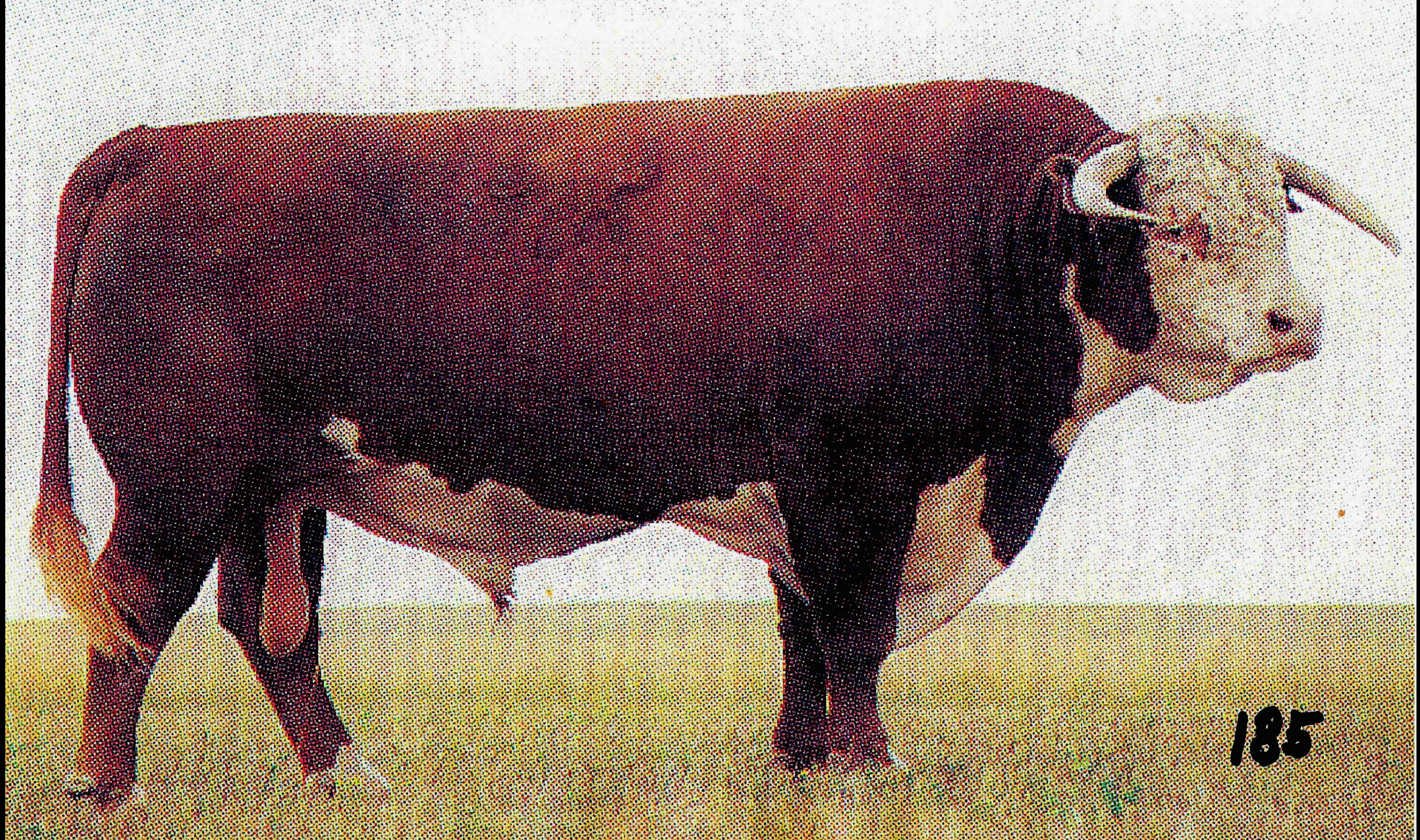












185



430

5 yrs.

6mo. 430



His daughters have
beautiful udders.

244 x 218 A
↓ ↓
569 x 4 569 x 16

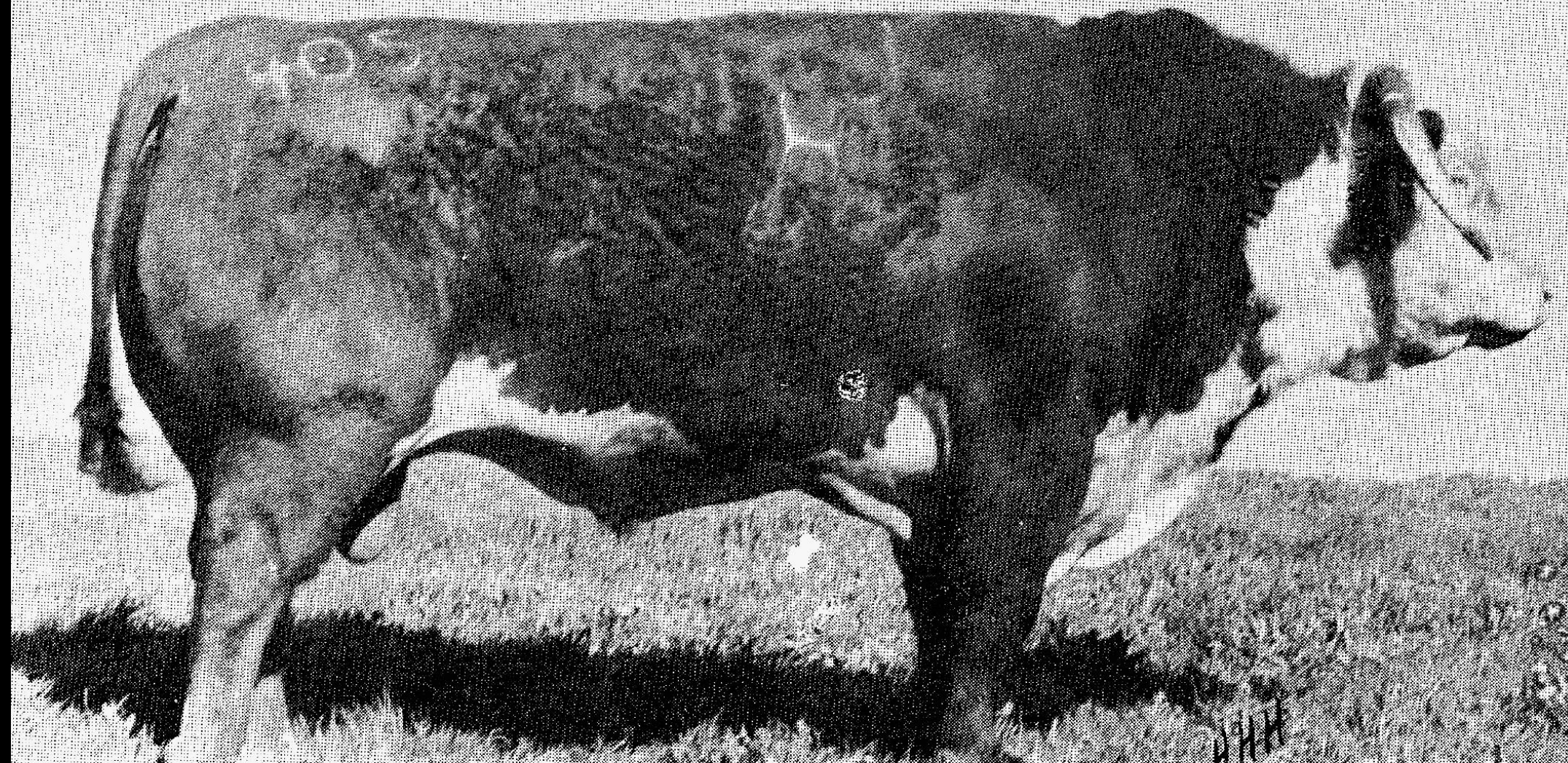


444
3x5.

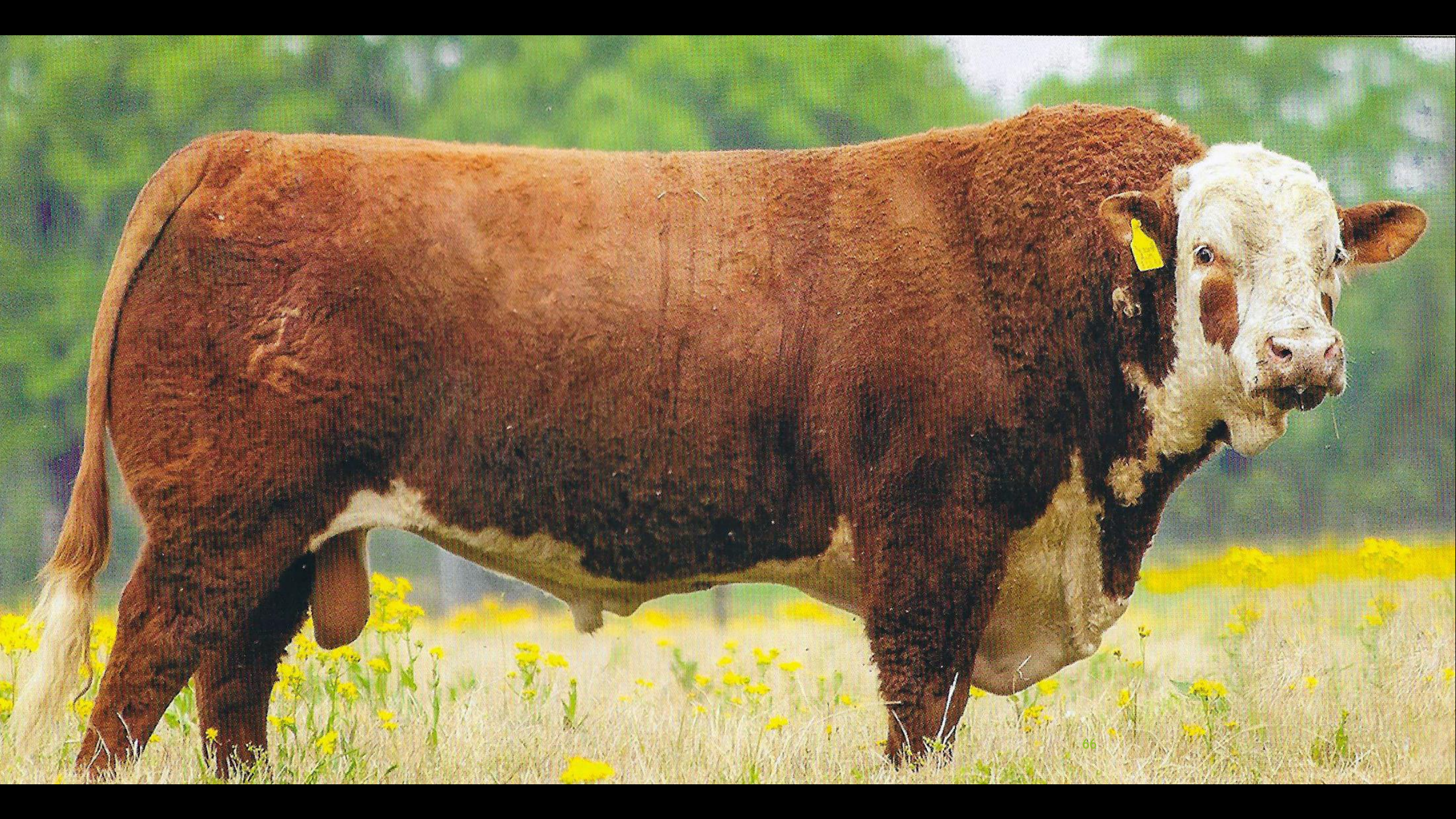


1122 6 yrs.

"C405"

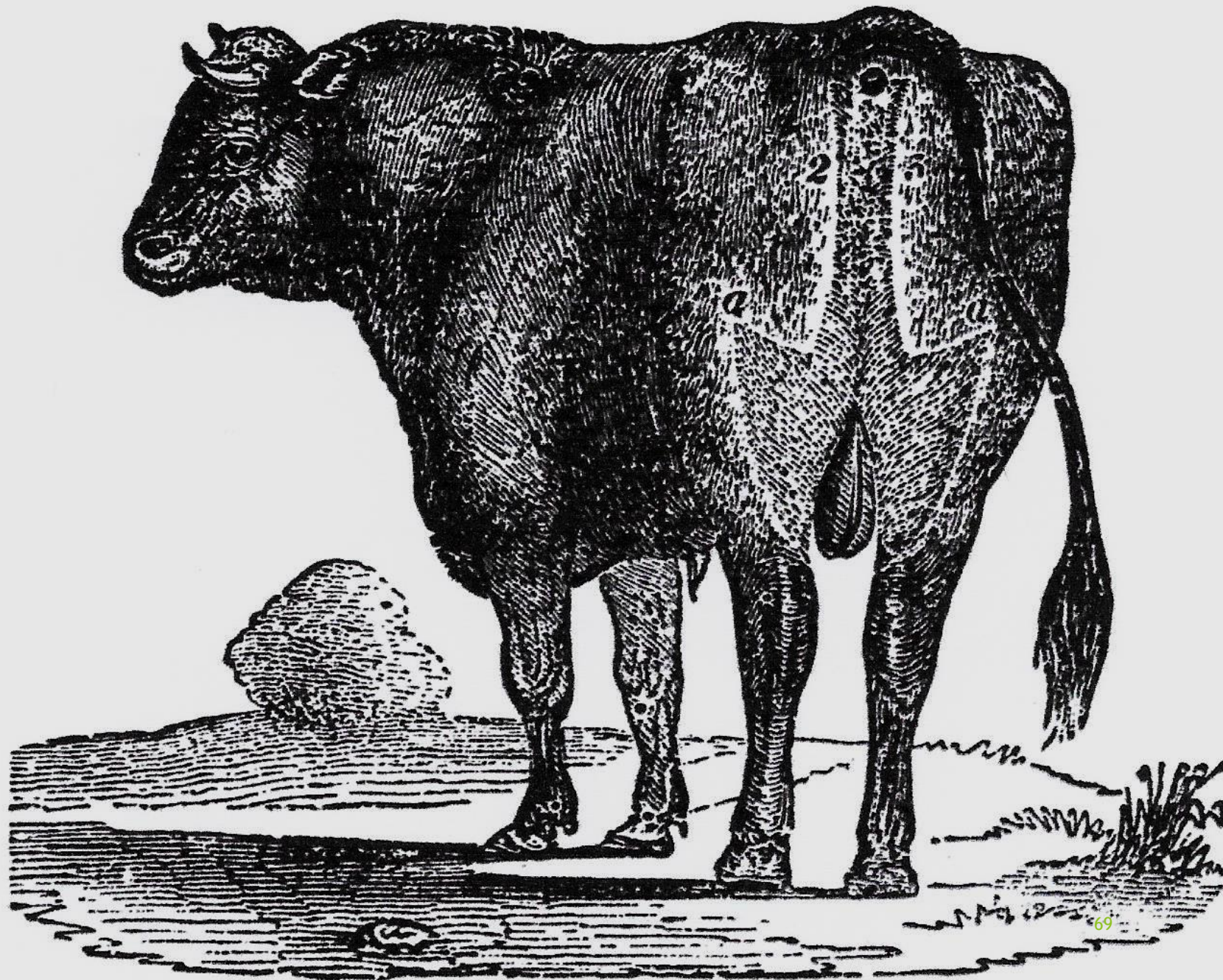


HHH
2350 lb.





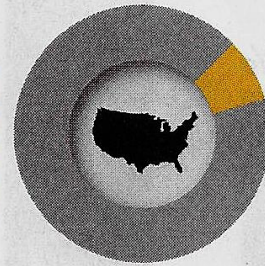






Going Against the Grain

Corn Fed to Cattle:



7% to 9%
OF U.S. CORN PRODUCTION
which covers approximately 6.5 million acres



Lifetime Diet for Grain-Finished Cattle:

90%
**FORAGE &
PLANT
LEFTOVERS**



10%
GRAIN



Provides 19% More Protein Than Consumed:

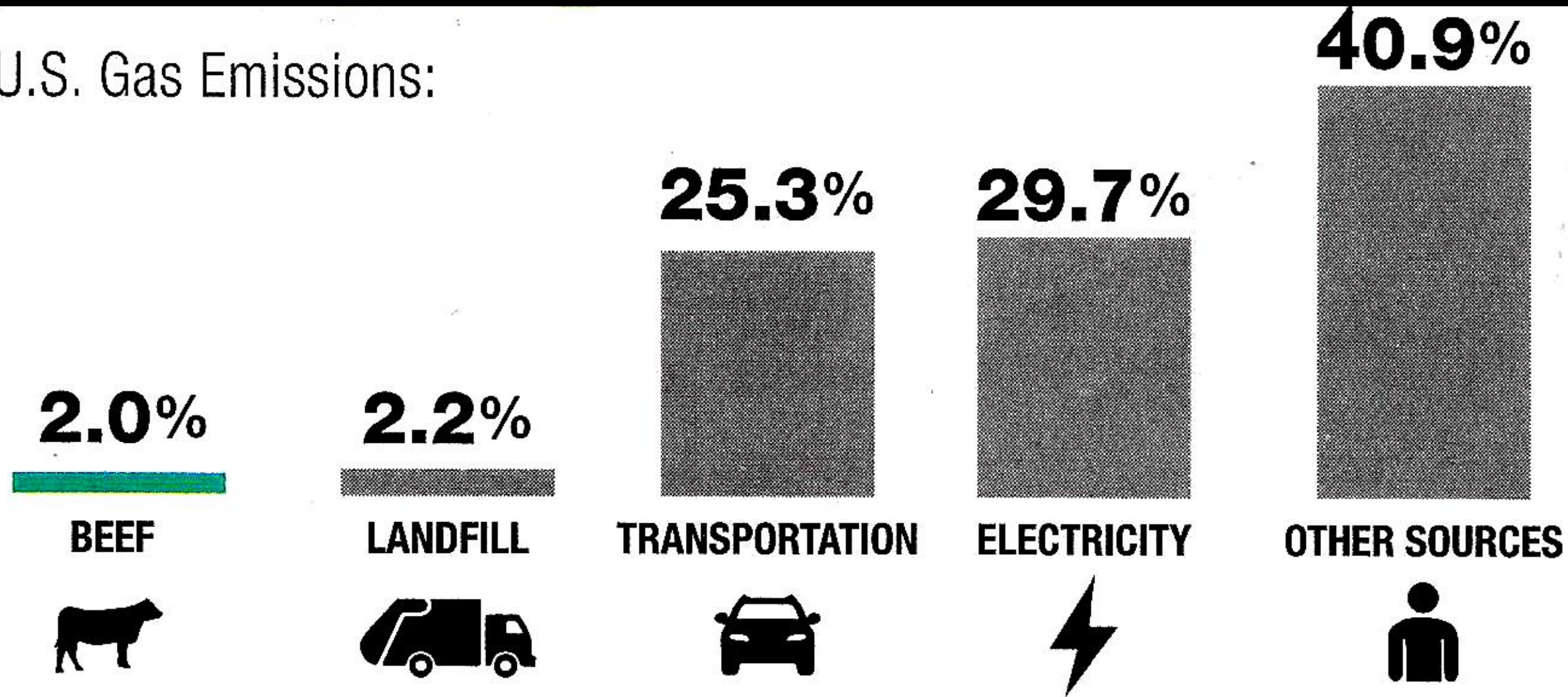
1 lb.
**FEED
PROTEIN**



1.19 lb.
**BEEF
PROTEIN**



U.S. Gas Emissions:



PELVIC LIMB OF THE BOVINE

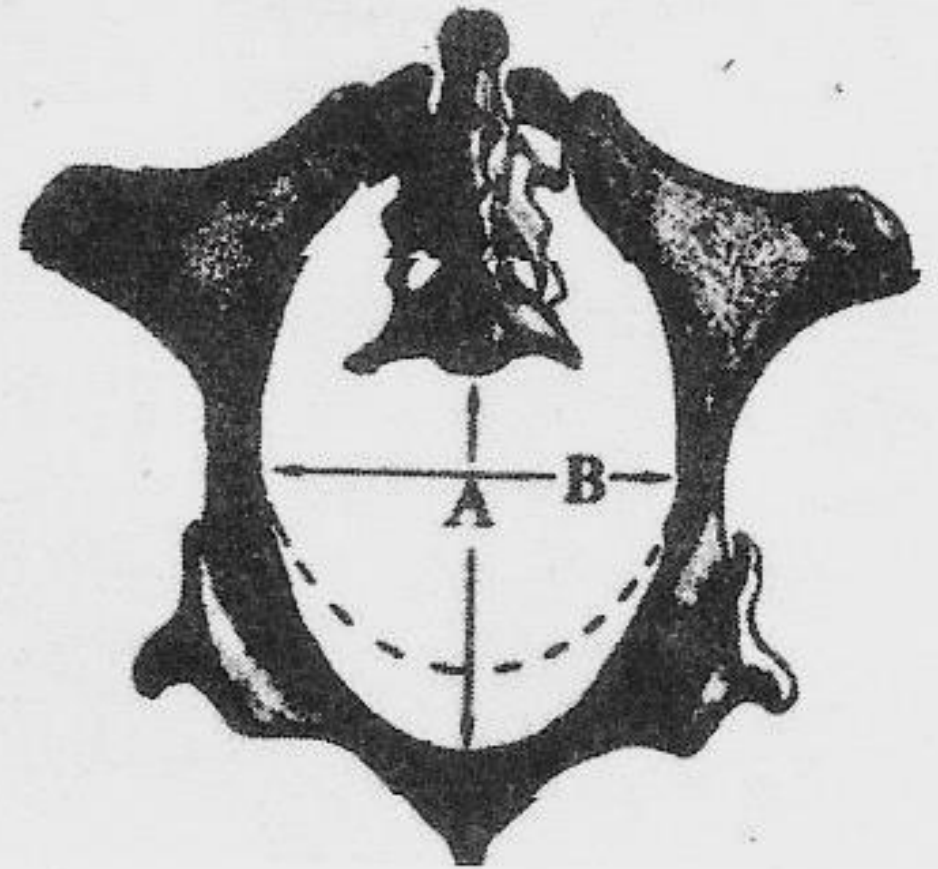
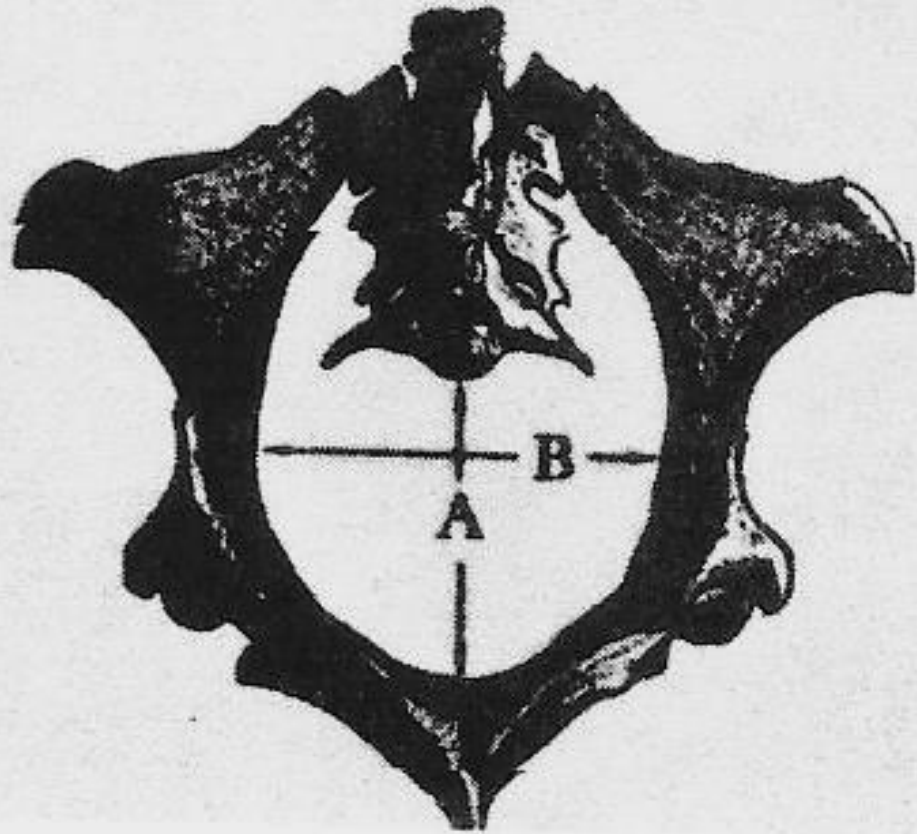


Fig. 6. The pelvic opening from the rear.



219 Hgrs



143
6 yr.



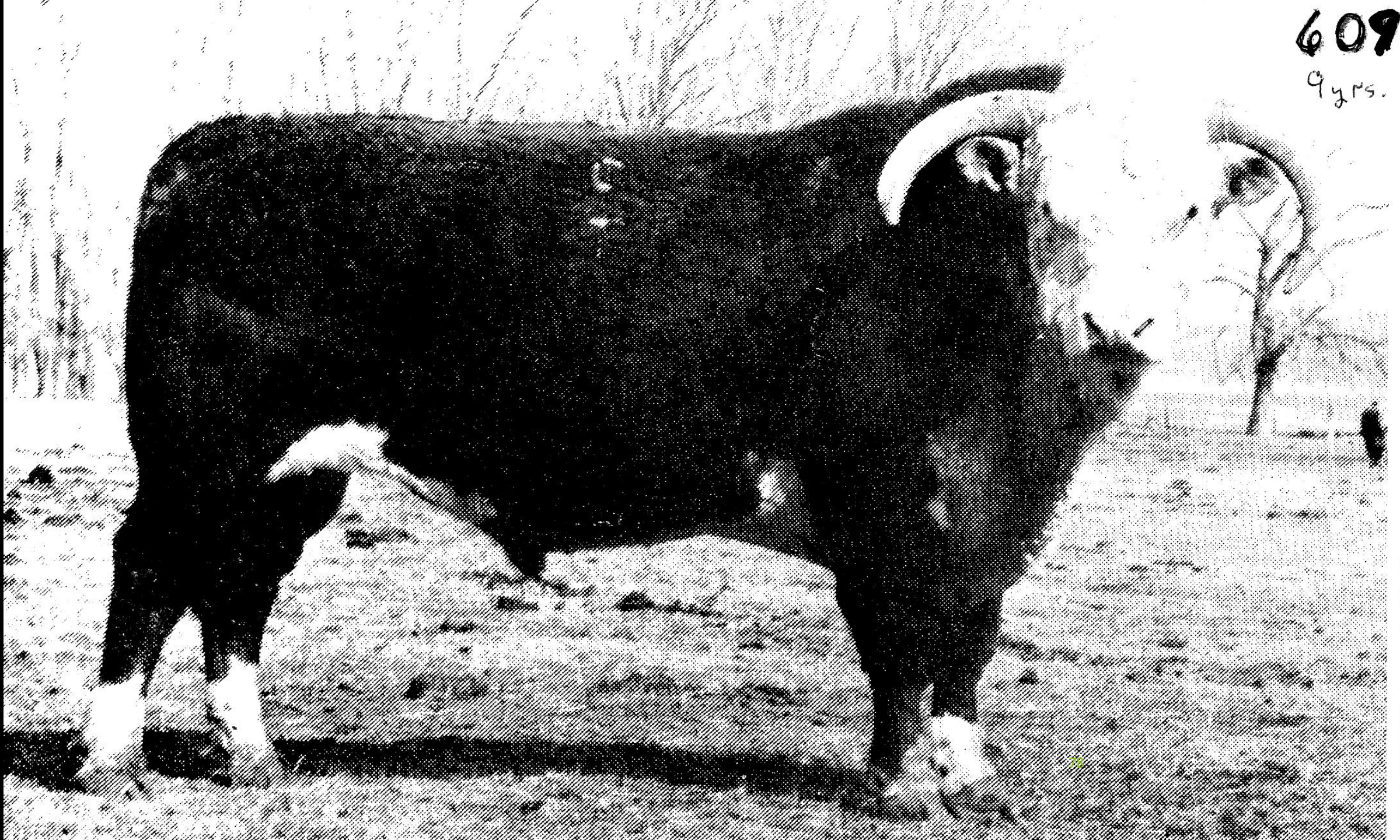
John Peddies

LOT
095K



609

9 yrs.







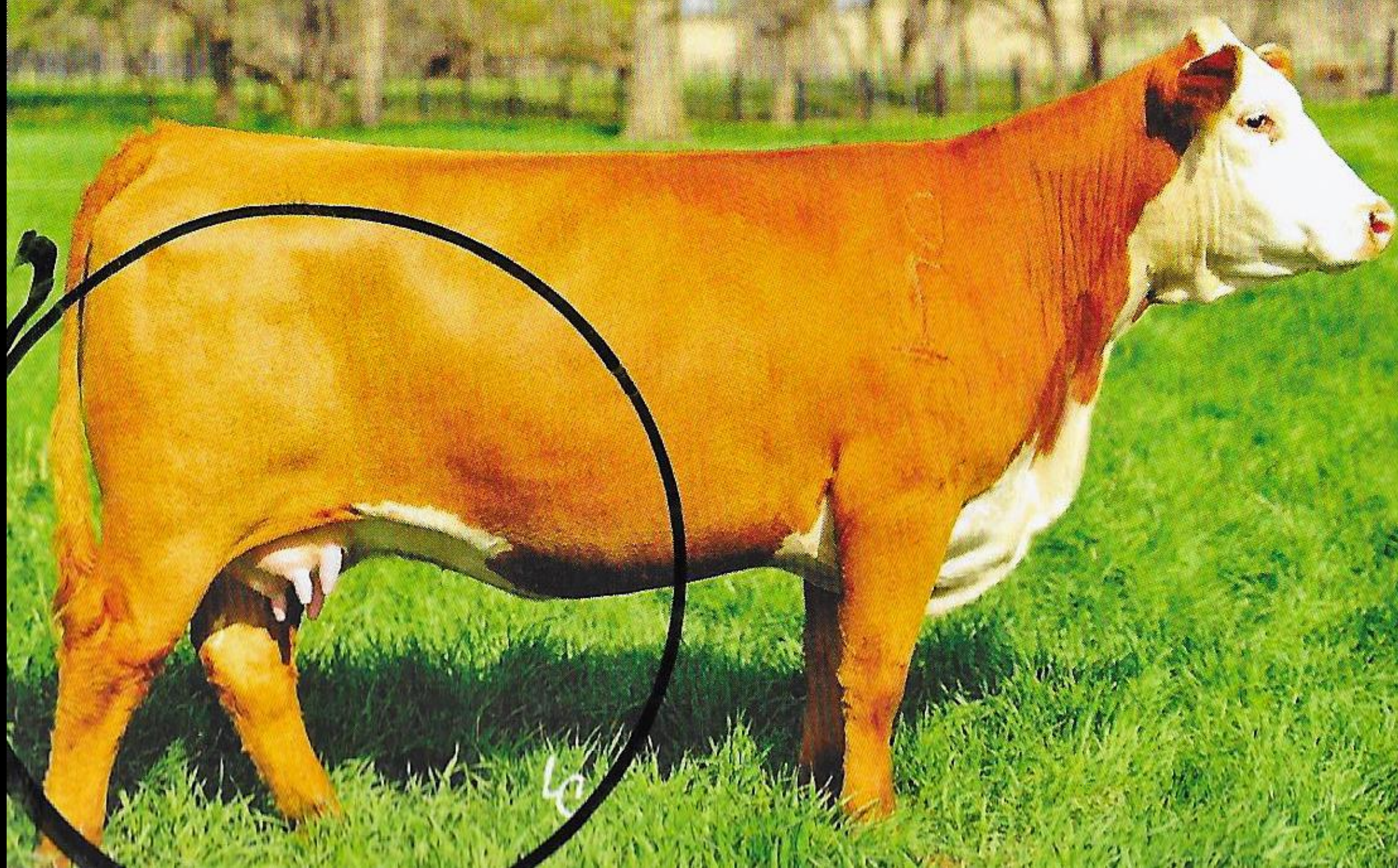


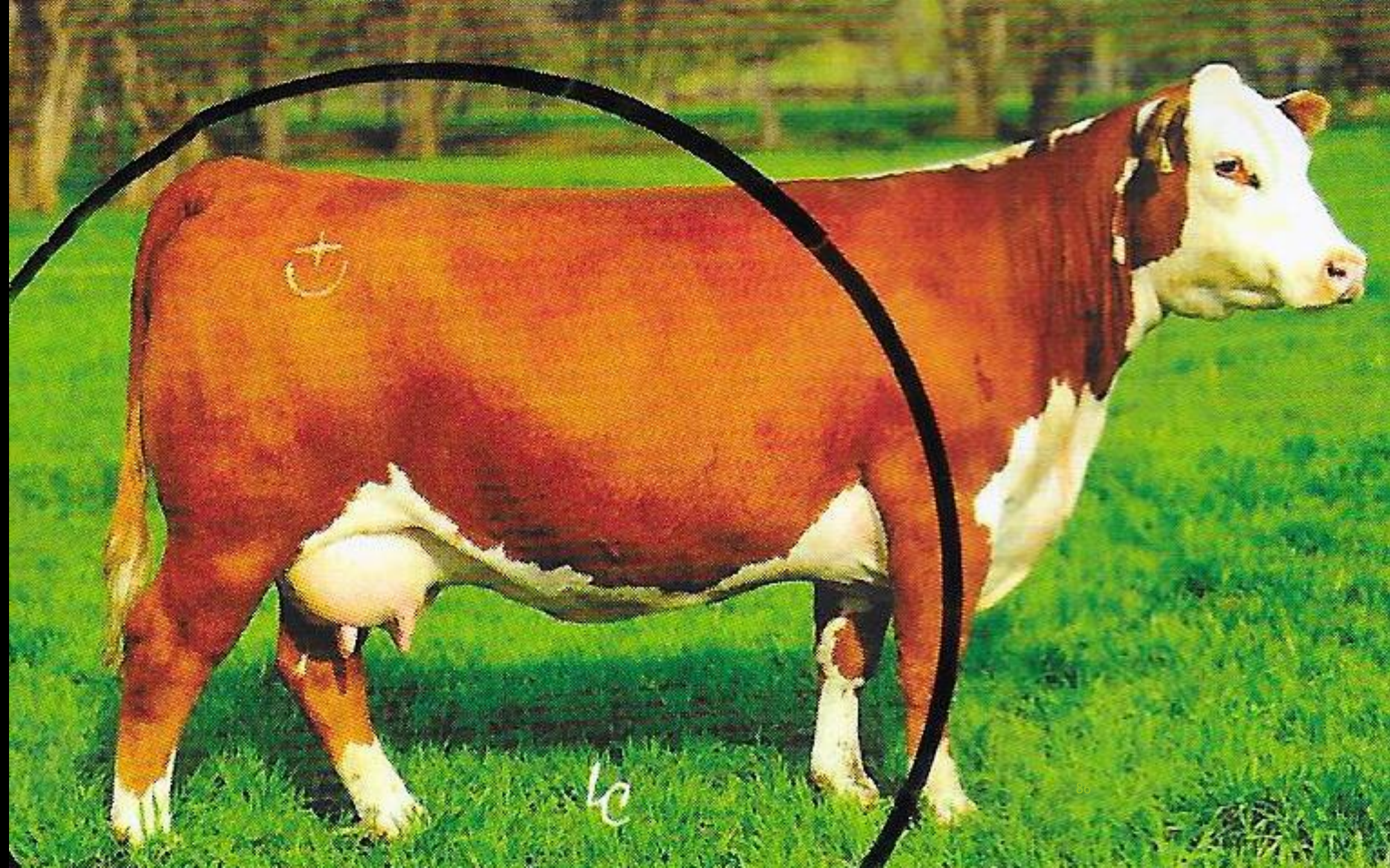




4c







4c



21

60









