



FEEDING QUALITY

F O R U M

Carcass Observations and Considerations for Terminal Beef x Dairy Calves

Ty Lawrence

Why Dairy Cross Beef?

- Holsteins
 - Packers don't want them
 - Too tall → too long
 - Excess bruising
 - Liver abscesses
 - Excess production stops
 - Excess railouts
 - Small triangular ribeyes
 - Poor muscle:bone
- Jersey
 - Feeders don't want them
 - Poor ADG
 - Worse F:G
 - Low dressed yield
 - Small carcasses
 - Negative margins



The Goal: *DILUTE THE NEGATIVE DAIRY TRAITS BY USING THE BEST BEEF SEMEN AVAILABLE*



The GOOD



Age & Source Verified





Angus Stamp*

*unless Charolais sired





Less Size-Related Carcass Bruising





Native Hides





Shorter-ish Carcasses





Tyson Foods 58" rule



The Wichita Eagle

58" Height Rule 6.3% drag rate



The Wichita Eagle



Better dressed yield





Dairy
60.0%



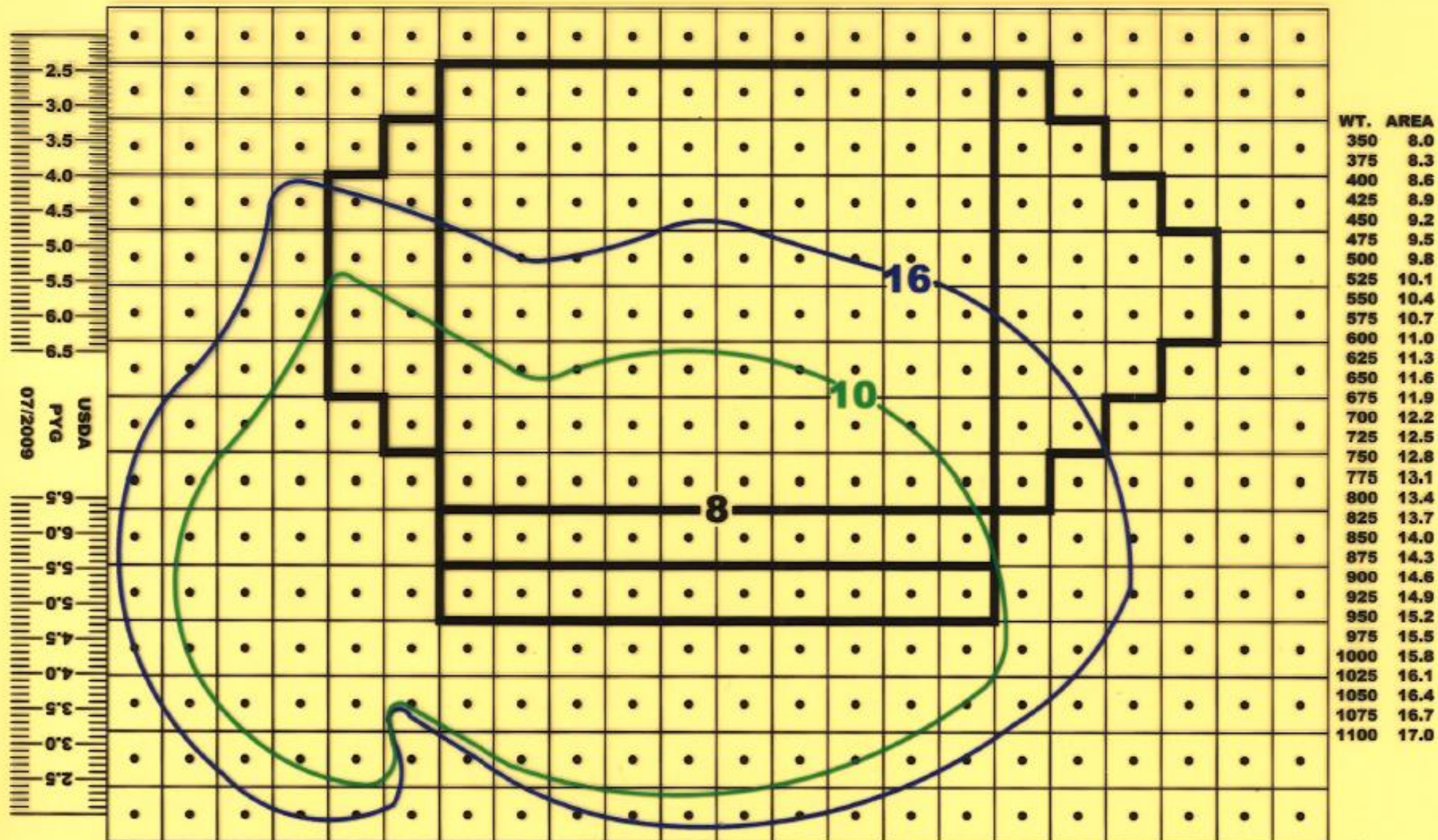
Cross
62.8%



Beef
65.0%

Better muscle conformation





Dairy
1.48:100
13.3 in²

Cross
1.57:100
14.1 in²

Beef
1.64:100
14.8 in²

0.5%

HL Ribeye Specs

HL4
<10.0

HL3
10.0-11.5

HL2
11.6-12.5

HL1
>12.5



Better muscle:bone

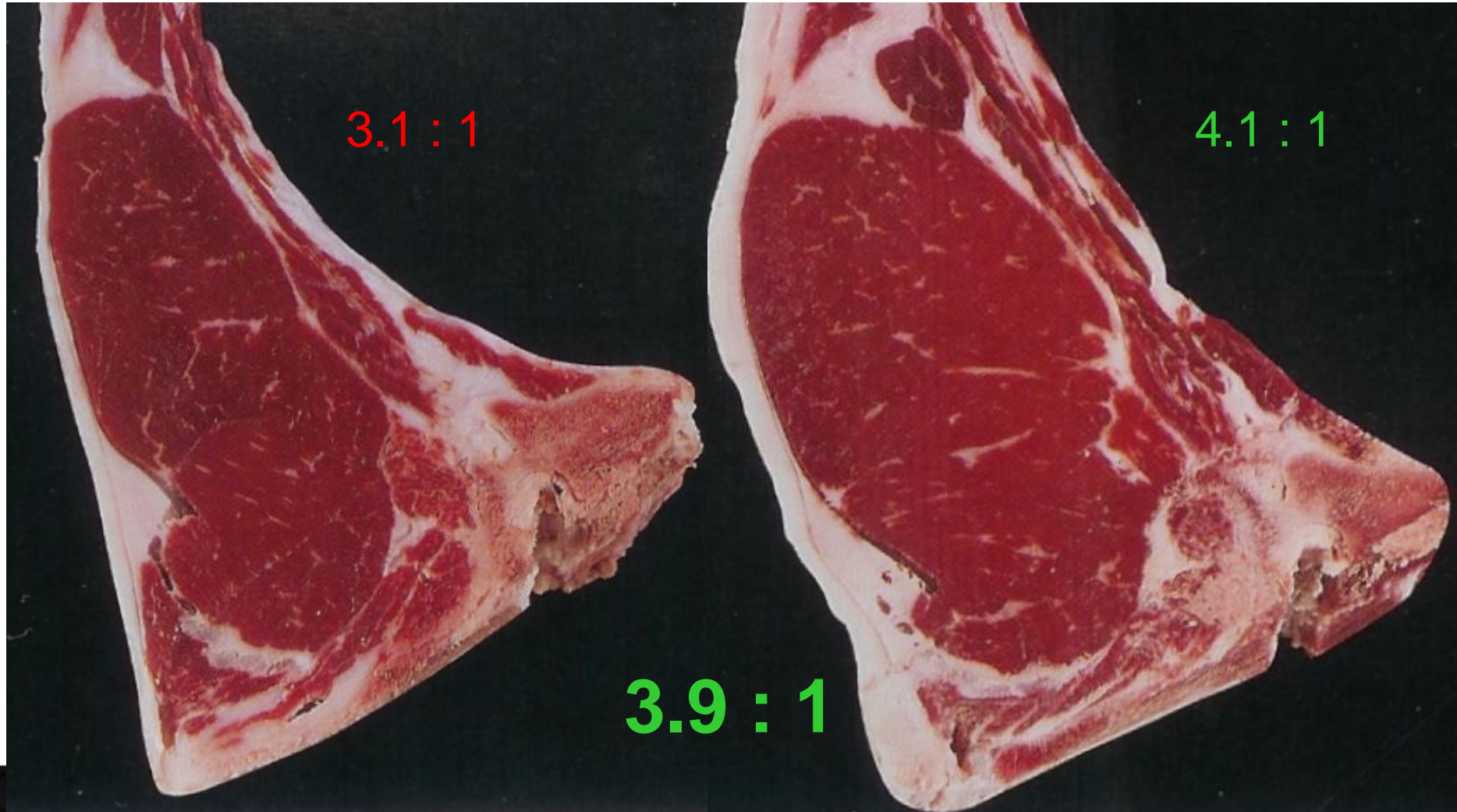


Dairy

Cross

Beef

Muscle:Bone Ratio



**Close to par marbling
&
More CAB**



1/3 of PRIME
tonnage is from
dairy beef



Dairy crosses
are ~80-95%
Choice and
better and
~25-45% CAB

The BAD



Intact testicles





More Fabrication Fat Trim

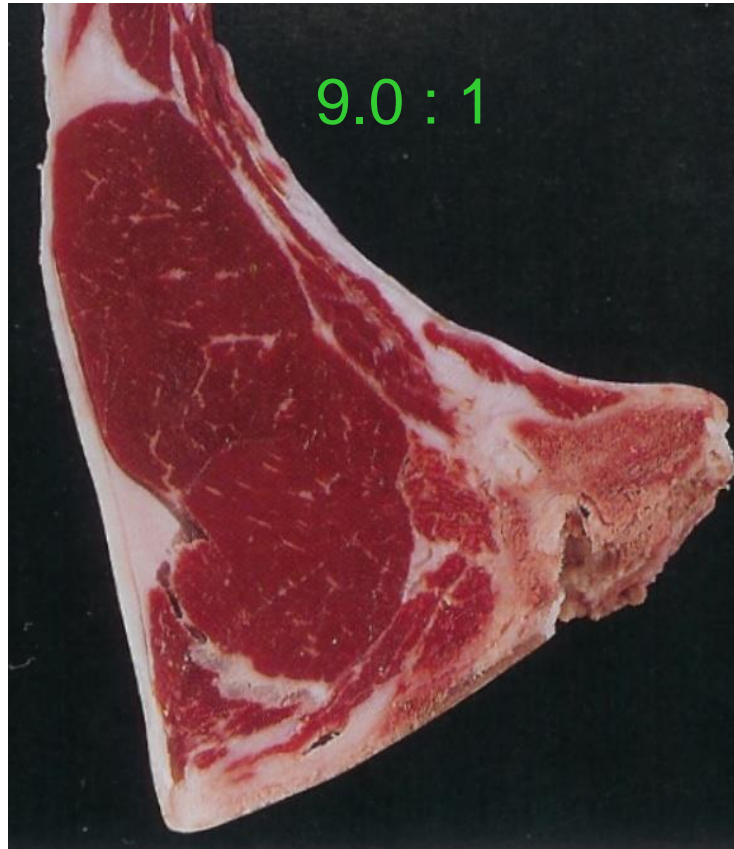


Dairy

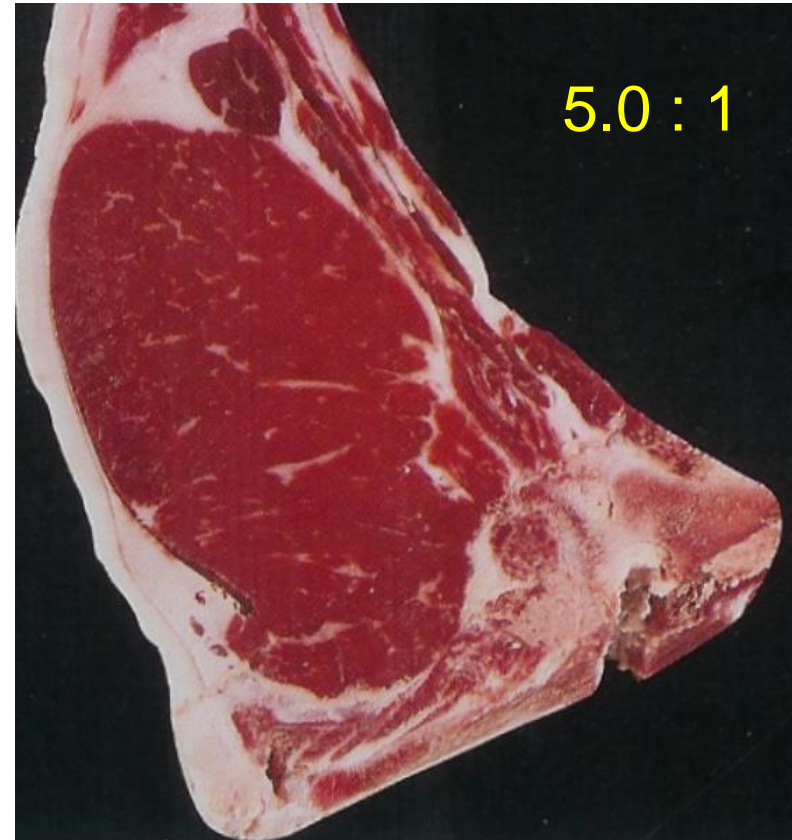
Cross

Beef

Muscle:Trim Fat Ratio



5.1 : 1



Lung health challenges



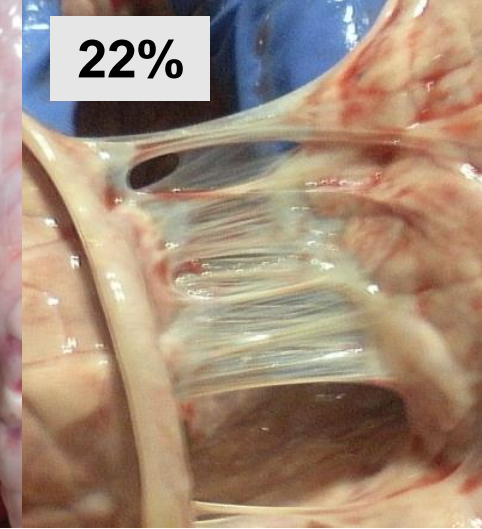


**5-15% CON
(17%)**

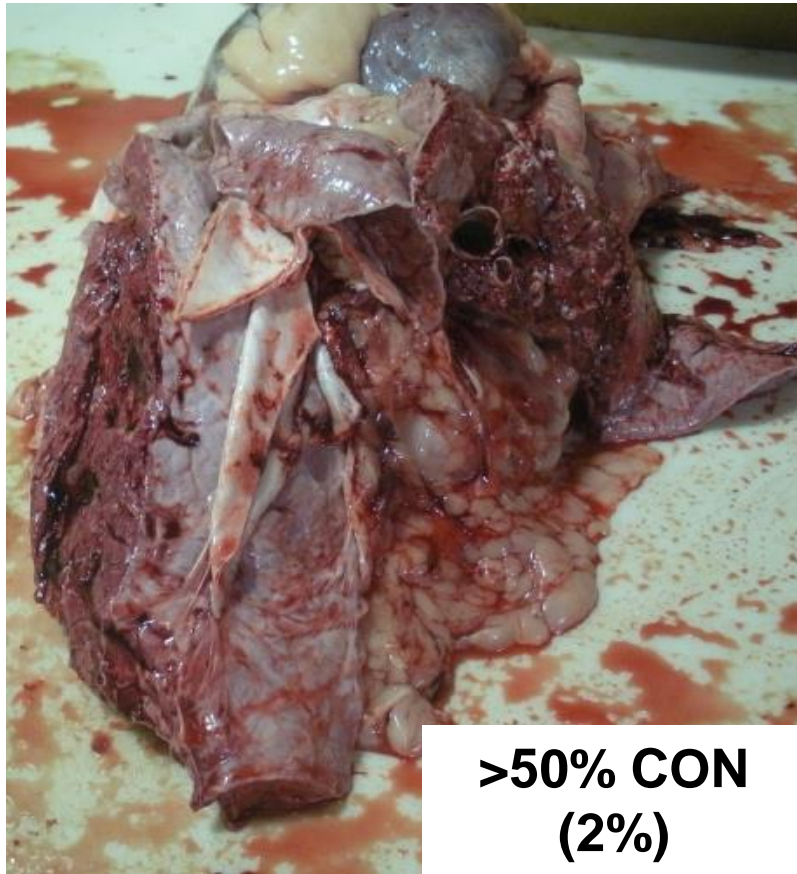
**15-50% CON
(8%)**



25%



22%



**>50% CON
(2%)**



20%

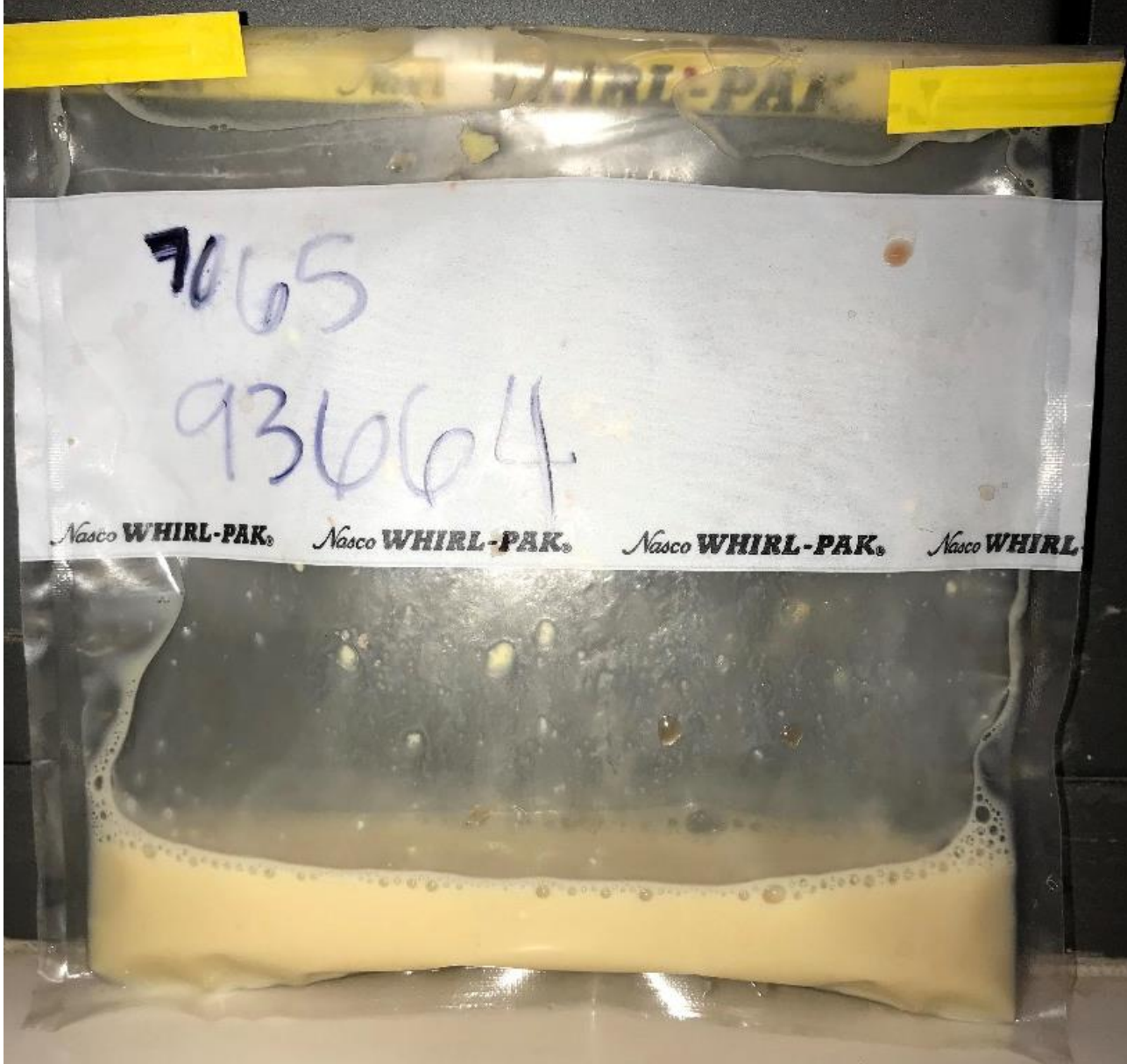
NORMAL



0.8%

Lactating heifers





STEER MILK

Fat = 17.26

Protein = 3.01

SCC = no read

Urea = 18

BHB = -0.15

Acetone = -0.08

Lactose = 4.04

SNF = 9.4

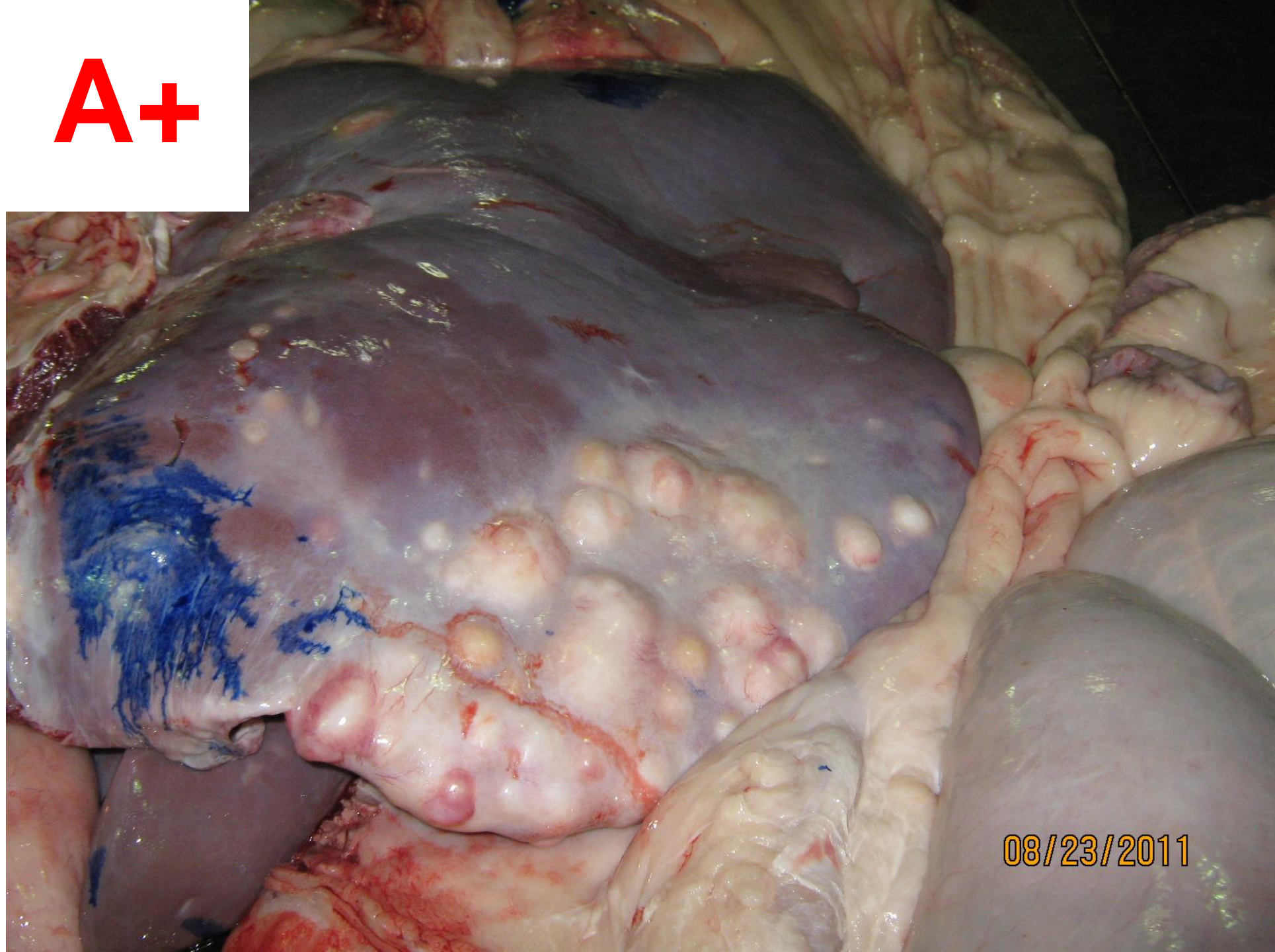
The UGLY



Liver abscesses

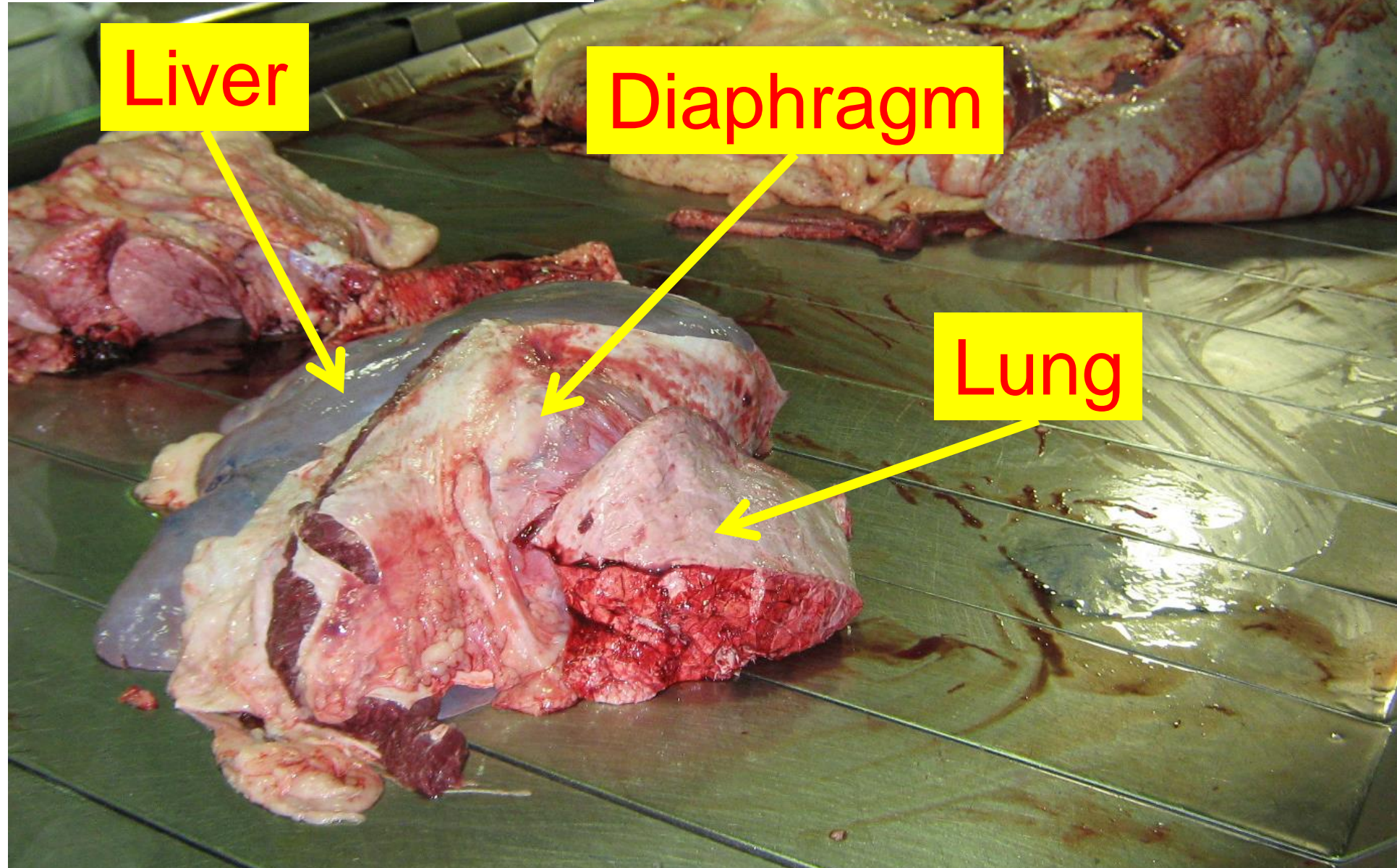


A+

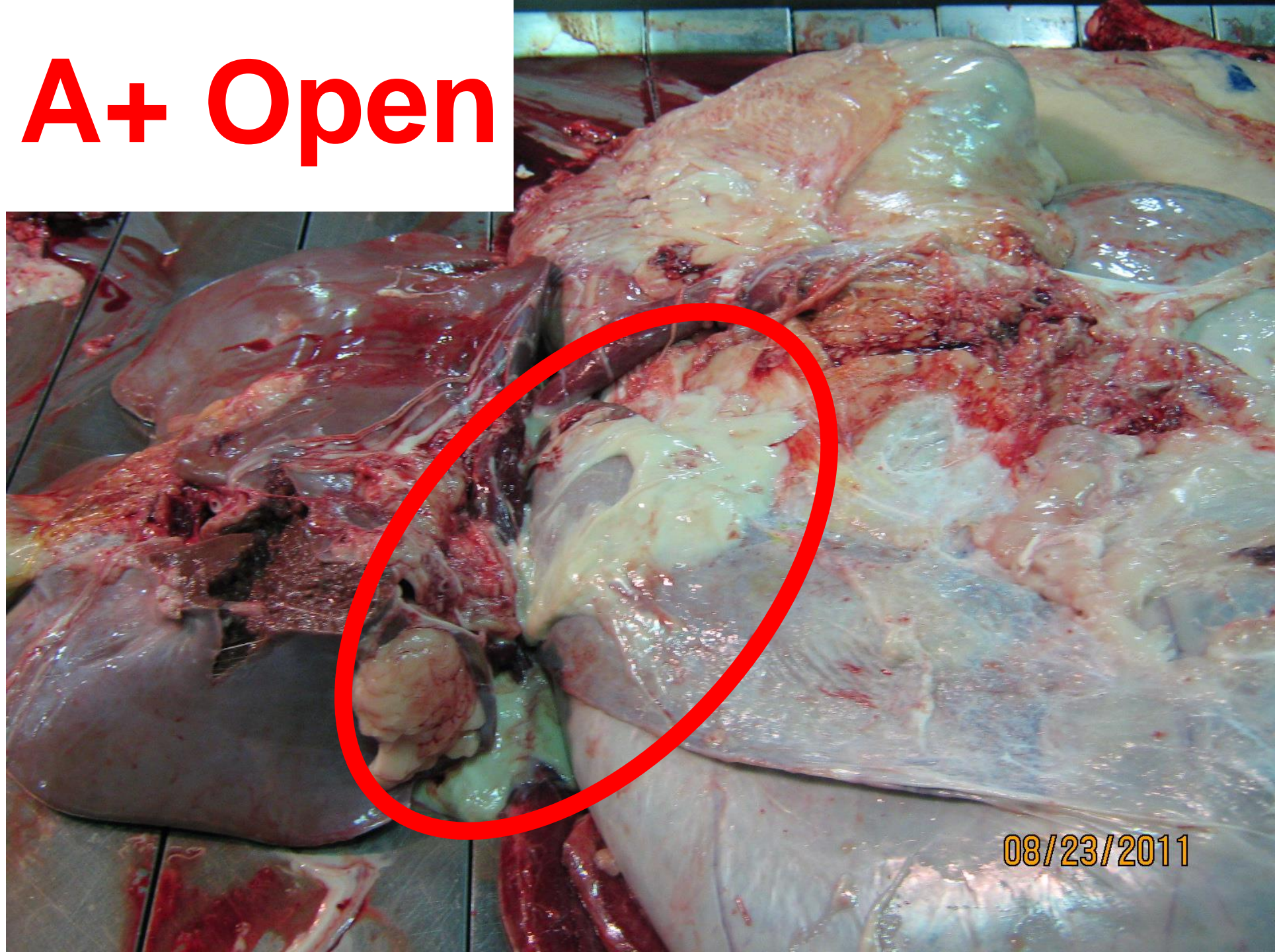


08/23/2011

A+ Adhesion



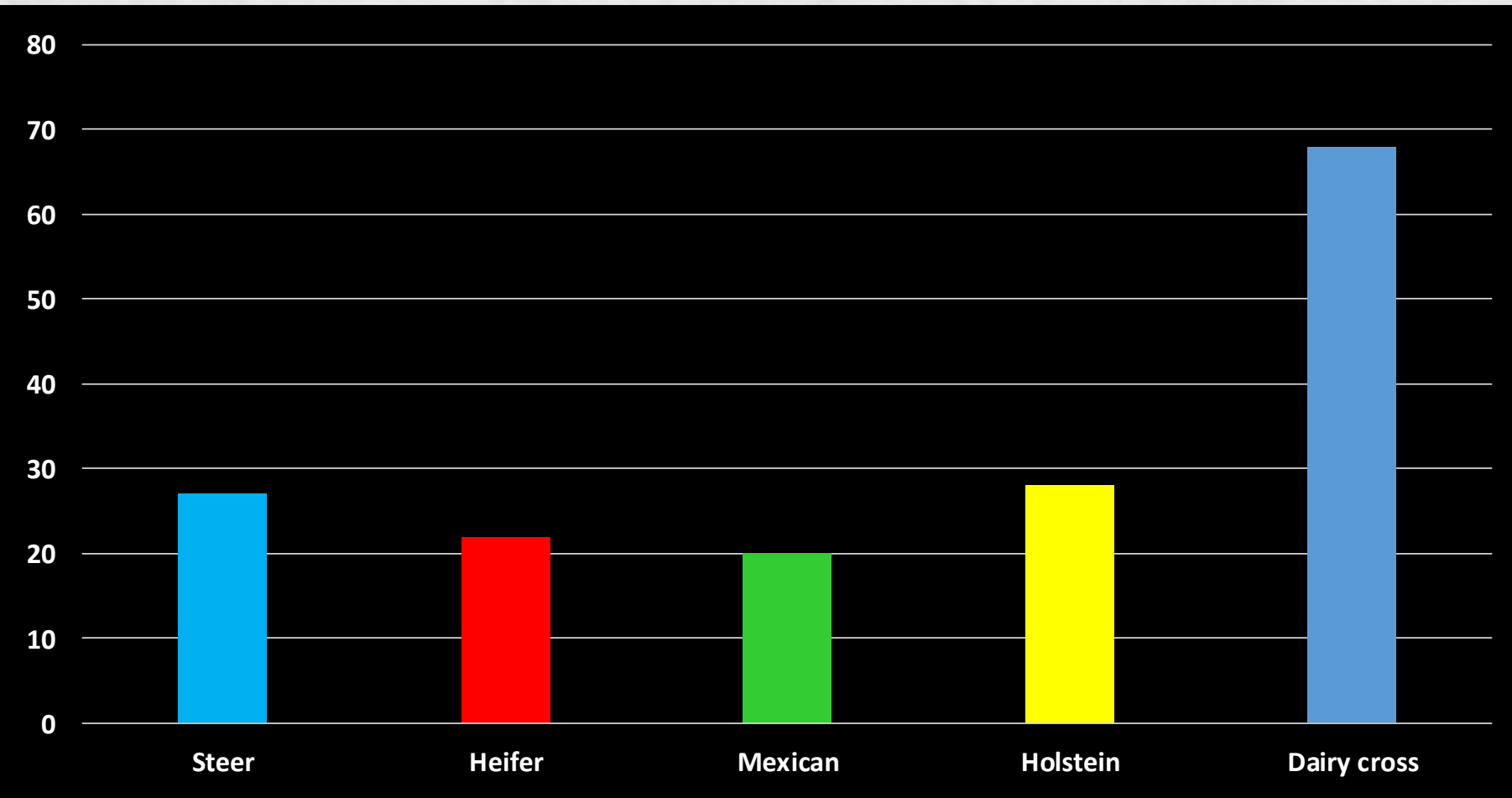
A+ Open



08/23/2011

Total Abscesses – last 12 months

(n = 271,436; 1436 lots)



FEEDING QUALITY
FORUM

PACKER REALITY



Packer Reality

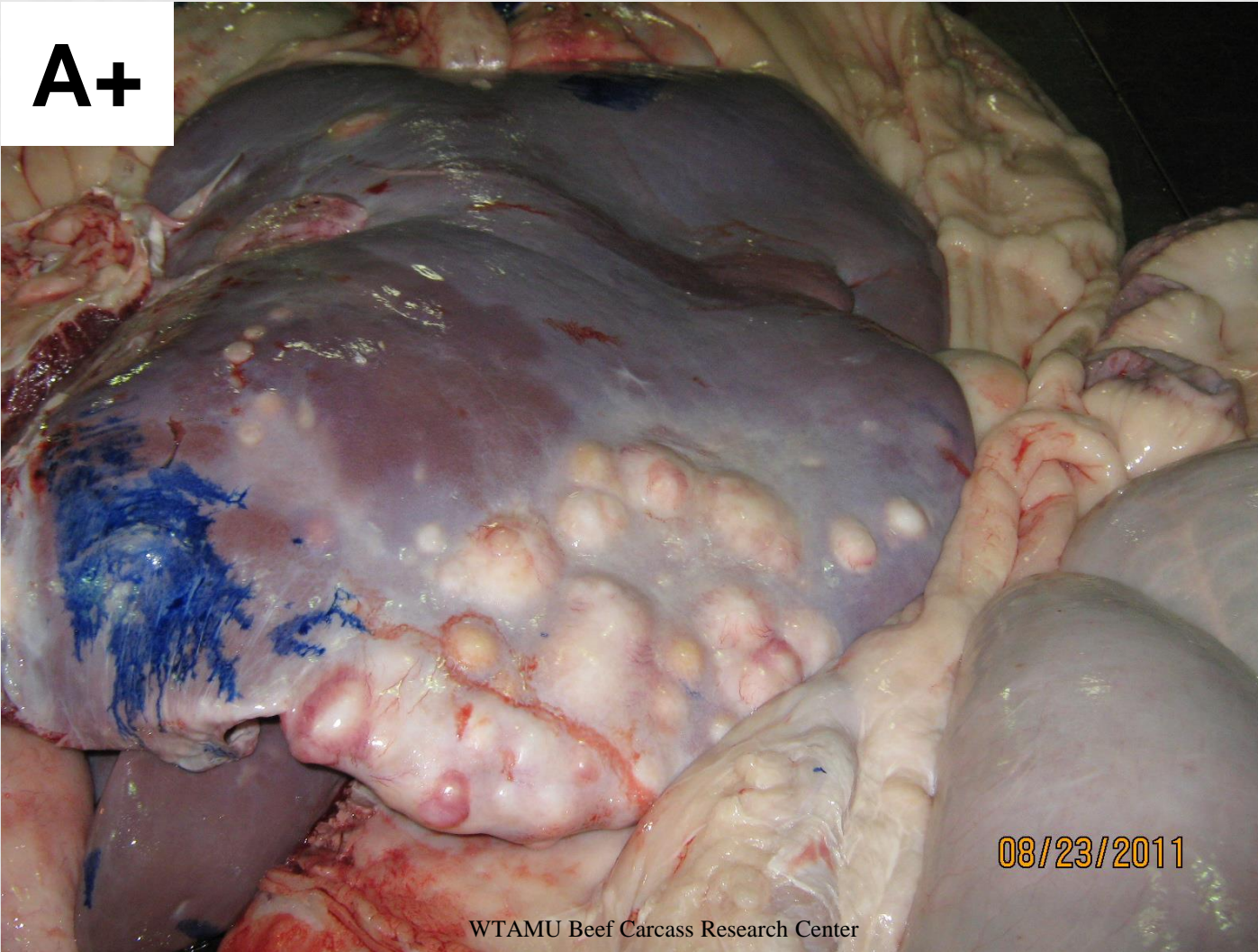
Per
occurrence
(\$8)

A- or A



Packer Reality

A+



WTAMU Beef Carcass Research Center

08/23/2011

**Liver
(\$8)**

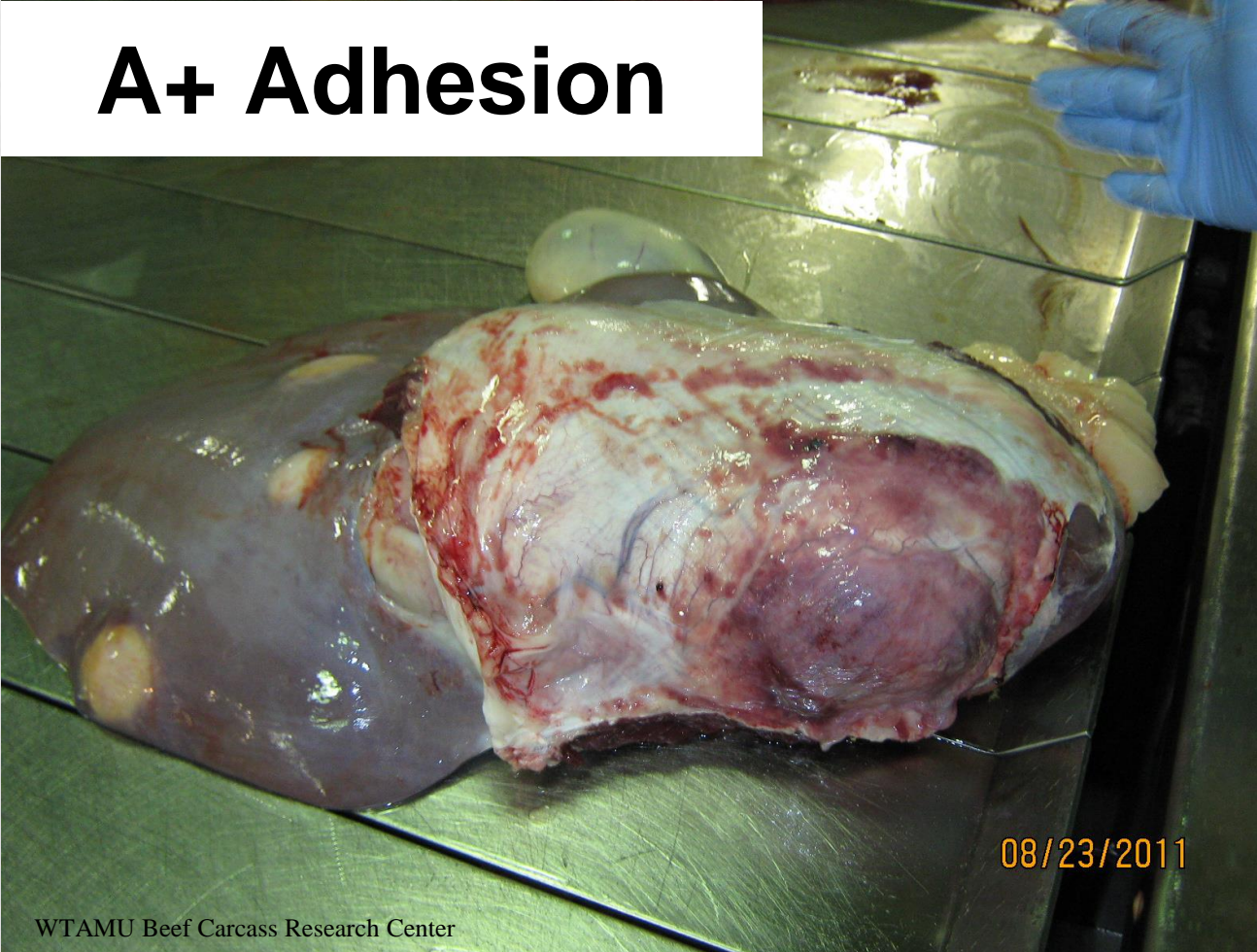
**HCW
(-18 lbs)
(\$41)**

**Per
occurrence
(\$49)**



Packer Reality

A+ Adhesion



WTAMU Beef Carcass Research Center

**Liver
(\$8)**

**HCW
(-33 lbs)
(\$75)**

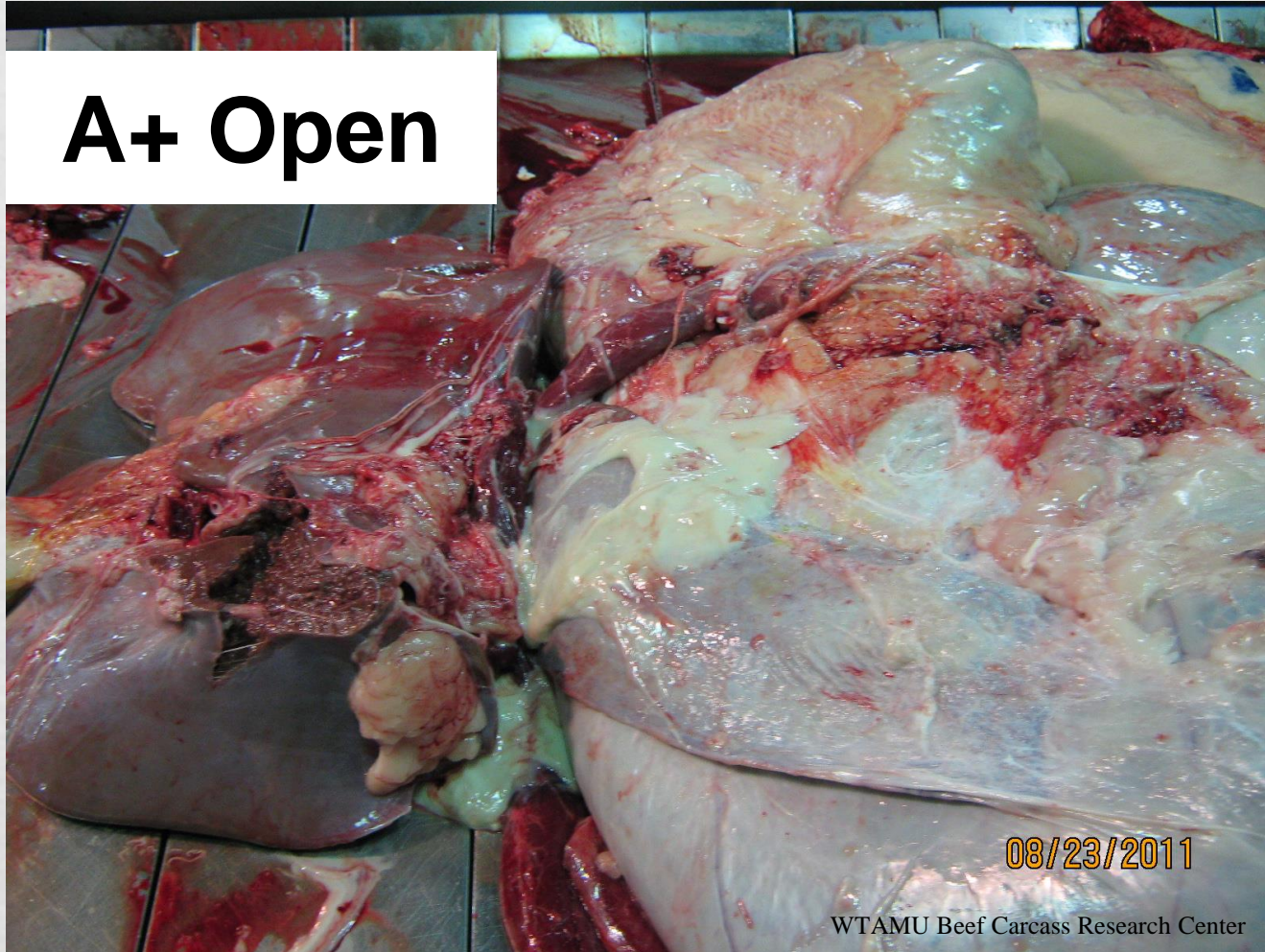
**Skirt loss
(\$24)**

**Per
occurrence
(\$107)**



Packer Reality

A+ Open



**Liver &
Viscera
(\$50)**

**HCW
(-44 lbs)
(\$99)**

**Per
occurrence
(\$149)**



Estimated dollars lost in fed beef industry annually to liver abscesses assuming 27.3 million cattle harvested

Liver outcome	Frequency	Est. cattle affected	Industry loss
A-	7.3%	1,993,431	\$15,947,451
A	5.3%	1,447,286	\$11,578,286
A+	5.1%	1,392,671	\$68,240,892
A+Adhesion	6.4%	1,747,666	\$187,000,253
A+Open	3.1%	846,526	\$126,132,326

**\$409
million**



QUESTIONS



For More Information

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