2016 NBQA:
Fed Cattle

Liver, Lungs, Viscera and Heart Data

Plant Name: _____

Location: _____

Date: _____ Shift: _____

Recording Institution: _____

Recorder: _____

Notes

Notes

Liver, Lungs, Viscera, Fetus, Heart Data Sheet – *Protocol*

- Please use blue pen when filling out data sheets.
- Sample 50% of each lot.
- If there is a mixed lot, please denote. Please tally the number of heifers in that lot.
- There is a pictorial reference for livers and lungs.
- Please start different lots on a new page.

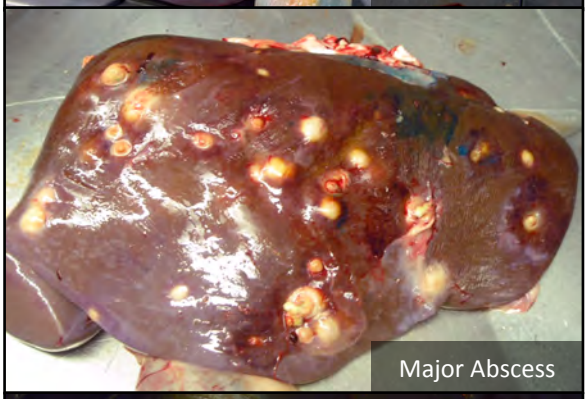
Definitions

- **Pneumonia 1**: 0-15% consolidation of lung tissue.[a]
- **Pneumonia 2**: 15-50% consolidation of lung tissue.[a]
- **Pneumonia 3**: 50-100% consolidation of lung tissue.[a]
- **Contamination**: Contamination of the lungs or heart with fecal matter, urine, hair, dirt, ingesta, milk, or other foreign matter.[b]
- **Pericarditis**: Inflammation of the membranous tissue surrounding the heart.

Source: [a]T.C. Tennant, S. E. I., Harper, L.B., Renter, D.G., Lawrence, T.E. 2014. Comparison of tulathromycin and tilmicosin on the prevalence and severity of bovine respiratory disease in feedlot cattle in association with feedlot performance, carcass characteristics, and economic factors. Journal of Animal Science 92: 5203-5213.
[b]Code of Federal Regulations, Title 9, Volume 2, Chapter III, Part 310

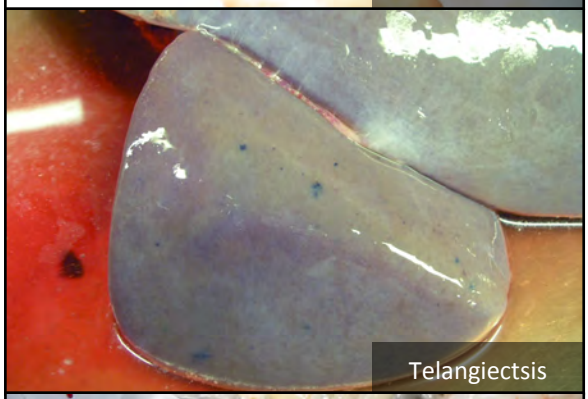
Good Liver

Contamination


Major Abscess

Minor Abscess

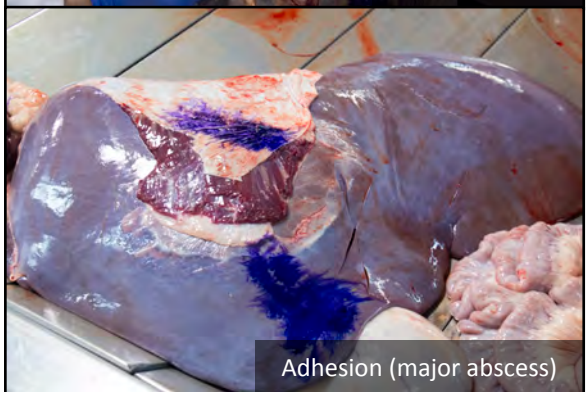
Cirrhosis


Telangiectsis

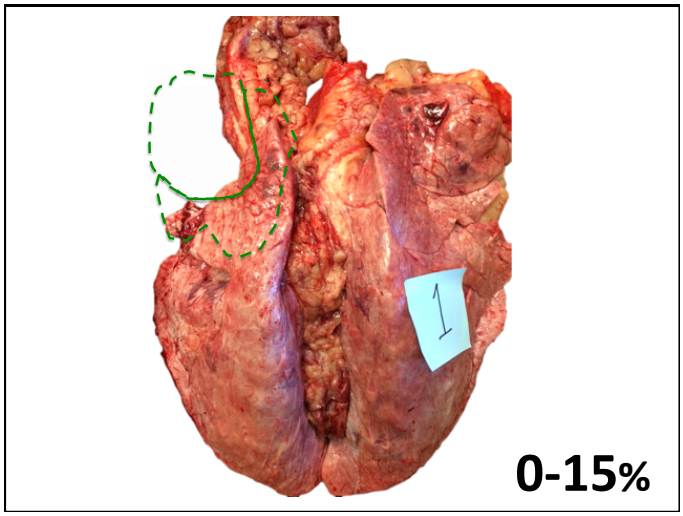
Liver Flukes

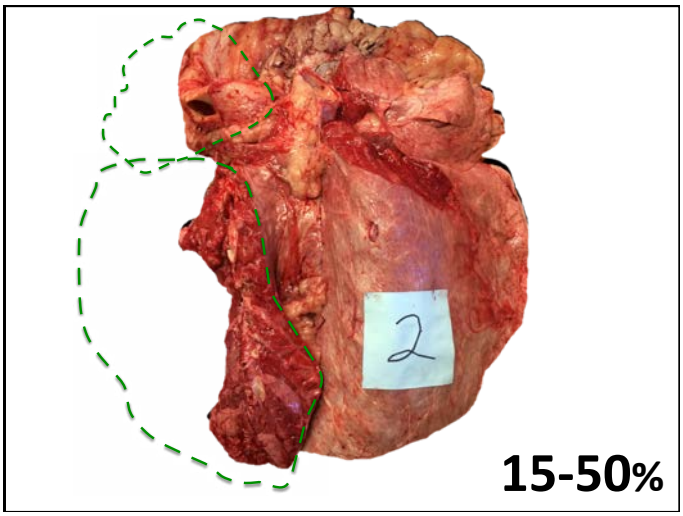
Liver Flukes

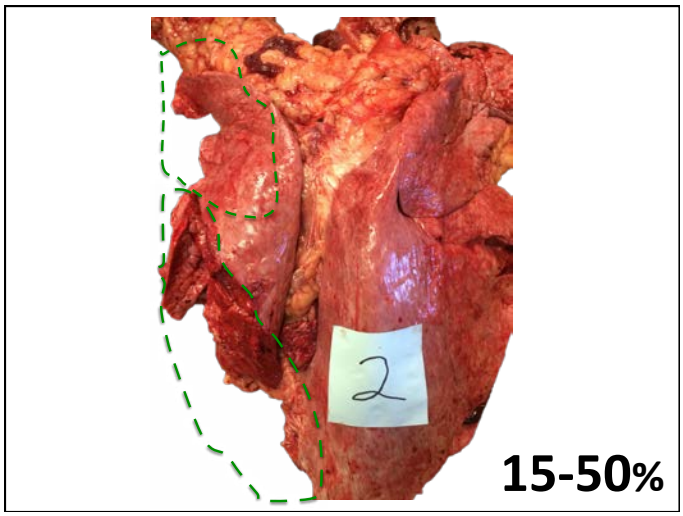
Liver Flukes

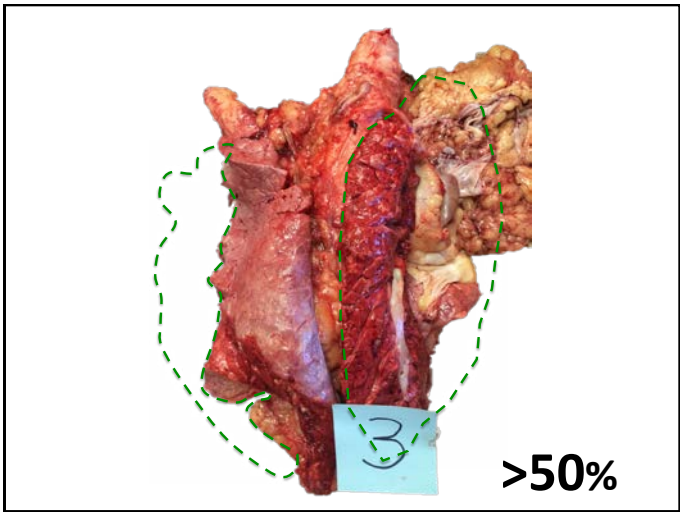

Adhesion (major abscess)

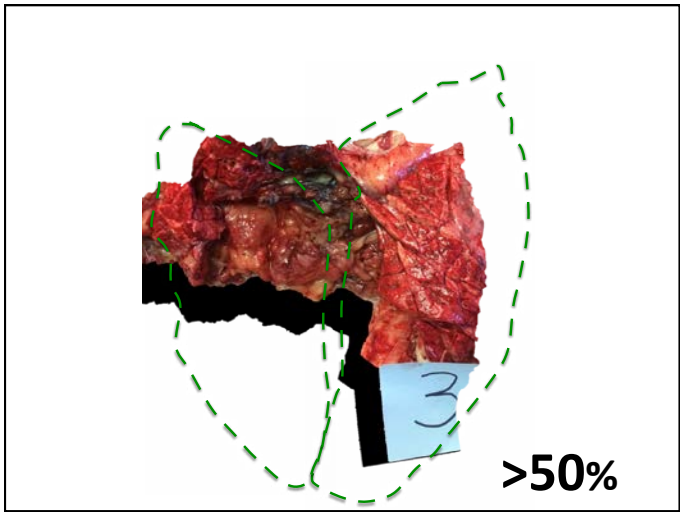
NORMAL
0%


1
0-15%


2
15-50%


2
15-50%


3
>50%


3
>50%

2016 National Beef Quality Audit – Fed Cattle
Liver/Lung/Viscera/Fetus/Heart Data

Date 12/15/15 **Shift** A **Recorder** Courtney Boykin

Lot Info	Liver				Lung			Viscera		Fetuses
Lot #: 324	Abscess	Flukes	Cont.	Other	Pneumonia	Cont.	Other	Abscess	Cont.	
# in lot: 180	Minor		𝍸	1	1	1			1	
Steer/Heifer/Mixed (Please tally # of heifers if mixed lot)					2					Heifers (if mixed)
	Major				111					
	111				3					Hearts
					1					111

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50

Lot Info	Liver				Lung			Viscera		Fetuses
Lot #: 324	Abscess	Flukes	Cont.	Other	Pneumonia	Cont.	Other	Abscess	Cont.	
# in lot: 180	Minor		1111		1	111		11	1	
Steer/Heifer/Mixed (Please tally # of heifers if mixed lot)	111				11					Heifers (if mixed)
					2					
	Major									
	𝍸 11				3					Hearts
					1111					11

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50

Lot Info	Liver				Lung			Viscera		Fetuses
Lot #: 325	Abscess	Flukes	Cont.	Other	Pneumonia	Cont.	Other	Abscess	Cont.	
# in lot: 160	Minor	1	𝍸		1	111		11	𝍸 1	1
Steer/Heifer/Mixed (Please tally # of heifers if mixed lot)	11				2					Heifers (if mixed)
					111					
	Major									
	1				3					Hearts
					1					𝍸 11

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50

Please start different lots on a new page.

Entered by: _____ Date: _____ Checked by: _____ Date: _____ Revised 11/30/15 CAB

Example

2016 National Beef Quality Audit – Fed Cattle
Liver/Lung/Viscera/Fetus/Heart Data

Date_____Shift____Recorder_____

Lot Info	Liver				Lung			Viscera		Fetuses
Lot #:_____	Abscess	Flukes	Cont.	Other	Pneumonia	Cont.	Other	Abscess	Cont.	
# in lot:_____	Minor				1					
Steer/Heifer/Mixed (Please tally # of heifers if mixed lot)										**Heifers** (if mixed)
					2					
	Major									
					3					**Hearts**

1	2	3	4	5
6	7	8	9	10
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Lot Info	Liver				Lung			Viscera		Fetuses
Lot #:_____	Abscess	Flukes	Cont.	Other	Pneumonia	Cont.	Other	Abscess	Cont.	
# in lot:_____	Minor				1					
Steer/Heifer/Mixed (Please tally # of heifers if mixed lot)										**Heifers** (if mixed)
					2					
	Major									
					3					**Hearts**

1	2	3	4	5
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Lot Info	Liver				Lung			Viscera		Fetuses
Lot #:_____	Abscess	Flukes	Cont.	Other	Pneumonia	Cont.	Other	Abscess	Cont.	
# in lot:_____	Minor				1					
Steer/Heifer/Mixed (Please tally # of heifers if mixed lot)										**Heifers** (if mixed)
					2					
	Major									
					3					**Hearts**

1	2	3	4	5
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Please start different lots on a new page.

Entered by: _____ Date: _____Checked by: _____ Date: _____ Revised 11/30/15 CAB