2016 NBQA Market Cow and Bull

Live Animal Data



Plant Name:	
Location:	
Date:	Shift:
Recording Institution:	
Recorder:	

2016 National Beef Quality Audit - Market Cow and Bull

Live Animal Data Sheet – *Protocol*

Please use blue pen to complete the data sheet.

Sample size: 1/3 of all animals processed in one full production day i.e. every third animal moved to the stun box.

- Record the lot number at the top of the page. A new lot should be started on a new page.
- Body condition scores vary between animal type (beef vs. dairy); please only circle that which is applicable.
- Refer to the standard visual aids for muscle scores, body condition scores, and cancer eve
- It is important that a sampled animal that does not show any of the listed defects is recorded as No Defect.

DEFINITIONS

Rectal Prolapse Protrusion of the rectum through the anus.^a

Vaginal Prolapse Protrusion of the vagina to the exterior of the body cavity.^a Retained Placenta A discolored, malodorous membrane hanging from the vulva.

Latent Hide Damage Any visible blemish that could devalue the hide. A collection of pus in confined tissue spaces.^a Abscess

A localized abscess that most frequently involves the mandible, Lumpy Jaw

the maxillae, or other bony tissues in the head.^a

Foot Abnormality Any deformity of the lower limb or hoof.

The development of raised smooth or rough rings at the teat **Bottle Teats**

ends.a

Udder filled with milk. Full Bag

Failed Suspensory Insufficient attachment of the udder to the body cavity so as the ventral portion of the udder lies below the hock and the teats Ligament

splay outward.b

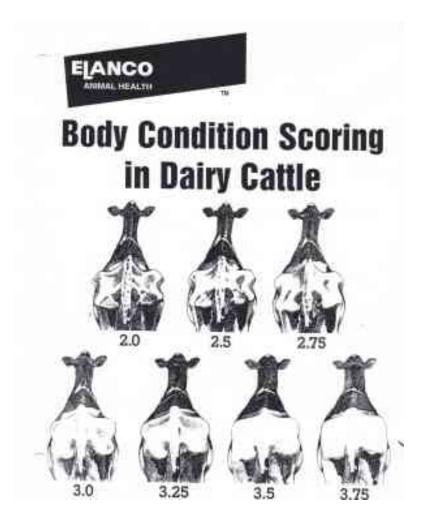
Inflammation of the mammary gland.^a **Mastitis**

Source: ^a Merck Veterinary Manual

^bDr. Rick Rasby, A Guide to Udder and Teat Scoring Beef Cows, University of

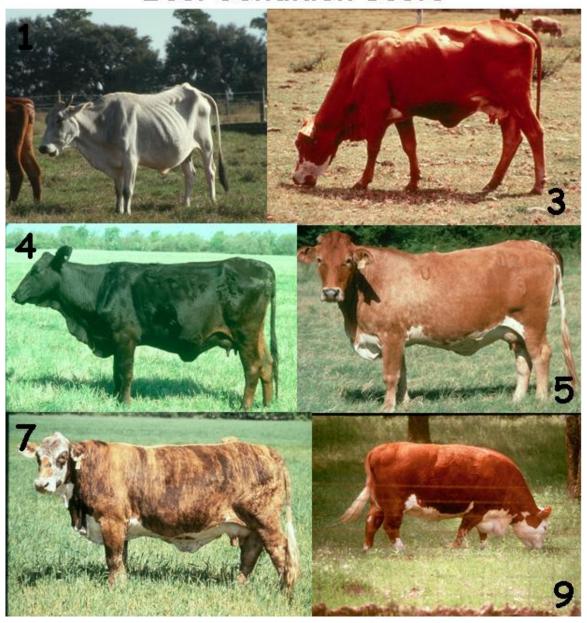
Nebraska – Lincoln

DIAGRAMS & SCALES



Source: Elanco Animal Health

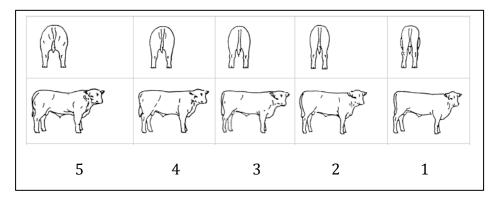
Beef Condition Score



Source: National Market Cow and Bull Beef Quality Audit – 2007: A Survey of Producer Related Defects, John David Nicholson

2016 National Beef Quality Audit - Market Cow and Bull

Muscle score



Source: Hamilton, L.C. (1994). Assessing Muscle Shape. Victoria State Government, Australia.

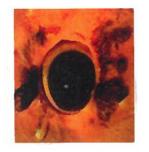
Cancer Eye Scoring

*A distinction will need to be made between a blind cow ("blue eye") and a cow with cancer eye.

Source: National Market Cow and Bull Beef Quality Audit – 2007: A Survey of Producer Related Defects, John David Nicholson

[&]quot;Blue eyed" cattle will be recorded as an "Other" defect.

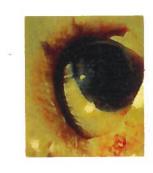
Cancer Eye Scoring Standards



Small benign tumor producing finger like growth Precancerous



or a turnor that is vascular in Growth on the third eyelid Cancerous nature Grade 3



Small white elevated plaque on Precancerous the eyeball Grade 2



Cancerous

Tumors that have metastasized to the bony structure around the eye or exhibit lymphatic involvement of the parotid gland Grade 4



Small white elevated plaque

Grade 2

on the eyeball

Precancerous

Tumors that have metastasized to the bony structure around the eye or exhibit lymphatic involvement of the parotid gland Cancerous Grade 4



Papilloma on the eyeball Precancerous Grade 2



has prolapsed from the orbit Cattle in which the eyeball and/or exhibits a necrotic condition Grade 5



Cancerous

2016 National Beef Quality Audit – Market Cow and Bull Live Data Sheet

Date 12/14/15 Shift A Recorder McKensie Harris

Beef	Cow		Da	iry Co	W			ef Bu		ving to the stun box. Dairy Bull				
Muscle 8	core		1		2		3			4	1	5		
Beef Condition Score Cancer Eye Score Prolapse		1.0	1.5		2.0	2.5	(3.0	5	3.5	4.0	4.5	5.0		
		1	2		3	4	5	1	6	7	8	9		
		0		1		2			3	4	<u> </u>	5		
		Rectal			iginal	Hid	e Dam	age	In	sect	1 1	atent		
Abso	ess		F				e/hoc		Hooks/Pins					
Bottle Teats Broken P Multiple Udder Problems		enis	Calf in	Pen	Suspe	iled ensory ment	Foot Abnormali		lity	Full Bag		npy Jaw		
			letained Placenta		Swollen Joints		arts		o Defect	Other:)			

Beef	Cow		Dairy	Cow		Beef I	Bull		Dairy Bull				
Muscle S	Score		1	2		3		4		5			
Dairy Condit	ion Score	1.0	1.5	2.0	(2.5)	3.0	3.5		4.5	1 20			
Beef Conditi	on Score	1	2			3.0	100	4.0	4.5	5.0			
		1		3	4/	5	6	7	8	9			
Cancer Eye	Score	(0))	1	2	1	3	4		5			
Prolap	se	Recta	ı	Vaginal	Hid	e Damage		Insect	I a	tent			
Abso	ess		Fac	ial		Knee/h		\neg	looks/Pir				
Bottle Teats	Broken P	enis	Calf in Pe	n Susp	iled ensory ment	Foo Abnorn	0	Full Bag	T -	ipy Jaw			
Mastitis	Multiple Udder Problems		ained centa	Swollen Joints		arts	No Defect	Other:					

Beef	Cow		D	airy Co	W		Beef E	Bull		Dairy Bull				
Muscle Score Dairy Condition Score Beef Condition Score		/	I		2		3		4	1	5			
		1.0	1.	5	2.0	(2.5)	3.0	3.5	4.0	1.5				
		A	2		3	4	5	6	1	4.5	5.0			
Cancer Ey	e Score	17			-	2			7	8	9			
					<u> </u>			3	4		5			
Prolap	Prolapse		ctal	Va	ginal	Hid	e Damage		Insect	Latent				
Abs	cess			Facial			Knee/ho	ock	H					
Bottle Teats	Broken	Penis	Calf i	n Pen	Suspe	iled ensory ment	Foo Abnorm		Full Bag		ıpy Jaw			
Mastitis	Multiple Udder Problems		Retained Placenta	1	wollen Joints		arts	No Defec	Other:					

Entered by:	Date:	Checked by:	D .	
		_checked by	Date:	Revised 11/12/15

2016 National Beef Quality Audit – Market Cow and Bull **Data Recording Methods**

help us when interpreting and entering data.

2016 National Beef Quality Audit – Market Cow and Bull Live Data Sheet

Date	Shift	Recorder

Lot #:_

Sample size: 1/3 of all animals in one production day i.e. every third animal moving to the stun box.

Beef			D	airy	Cow				В	eef Bu	ıll			Dairy Bull			
Muscle S	core		1			2				3	3			4	4		5
Dairy Condition Score		1.0	0	1.5		2	2.0	2.5		3.0		3.5		4.0	4	1.5	5.0
Beef Condition	1		2			3		4	5			6	7		8	9	
Cancer Eye		0	0 1					2		·	3		4		5		
Prolap	R	Rectal			Vag	ginal		Hid	e Dai	mage		I	nsect		La	tent	
Abso	Abscess			Facial						Kr	Knee/hock				Нос	ooks/Pins	
Bottle Teats	Bottle Teats Broken Penis Calf			Calf	in Pe	in Pen Suspen			sory	Ał	Foot Abnormality			Full Bag		Lun	npy Jaw
Mastitis	Multiple Mastitis Udder Problems			aineo centa			wollen Joints	1	W	arts]	No Defect		Other:			

Beef	Cow		D	airy (Cow				Ве	ef Bu	ıll			Dai	iry Bu	11
Muscle S	core			2			3					4		5		
Dairy Condit	Dairy Condition Score		1.5		2.0		2	2.5	3.	0	3.5		4.0	4	4.5	5.0
Beef Condition Score		1	2	2		3		4	5			6	7		8	9
Cancer Eye Score			0 1					2	2		3		4			5
Prolap	Prolapse R			ectal Vaginal				Hid	e Dar	nage		Ir	sect		La	tent
Abs	cess		Facial						Kn	ee/ho	ck			Нос	ooks/Pins	
Bottle Teats	Broken Penis Calf in			in Pe	n Pen Suspen			sory			Coot ormality		Full Bag		Lumpy Jaw	
Mastitis	Mastitis I Udder		Retaine Placent		_	wollen Joints	ı	W	arts	1	No E	Defect	Other:	•		

Beef	Cow		D		I	Beef	Bull			Dairy Bull					
Muscle S	core		1			2			3			4		5	
Dairy Condition Score		1.0) 1.	1.5		.0	2.5	3	3.0		3.5	4.0	4	1.5	5.0
Beef Condition Score		1	2	2	3	3	4		5		6	7		8	9
Cancer Eye Score			0		1		2			3		4		5	
Prolap	Prolapse		Rectal			nal	Н	ide Da	ımaş	ge	Iı	sect		La	tent
Abso	ess		Facial					K	nee	/hock			Ноо	ks/Pir	ıs
Bottle Teats	Bottle Teats Broken Penis		Calf in Pen		n	Faile Suspens ligame		A	Fo Abnor		у	Full Bag		Lumpy Jaw	
Mastitis	Multiple Mastitis Udder Problems		Retained Placenta		~	vollen oints	,			No	Defect	Other:			

Entered by: Date: Checked by: Date:	Revised 11/12/1:
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