Healthy Animals and Healthy People: BRM at Livestock Shows

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Goal

- •Healthy animals and people arriving at the show
- •Healthy animals and people leaving the show





Health Threats

- •Threats to livestock
 - Infectious disease
 - •Heat stress
 - •Physical injuries



Infectious Disease Risk Management

Routes of Transmission

- Direct Contact
- •Fomites
- •Aerosol-Large and Small Droplet
- •Oral
- Vectors

Disease Prevention

Develop a Plan

- Educate Exhibitors
 - •Animal Health and Biosecurity
 - •Human Health Implications
- Identify Likely ROT and interrupt
 - •Waste Management
 - Vector Control
- Establish Entry Requirements
- Consider Retaining a Veterinarian for the Show

Disease Prevention/Management

Executing the Plan

- Check Livestock In
- •Conduct Scheduled Inspections to Monitor Health (Use Veterinarian If Possible)
- •Develop an Isolation Plan for Individual Sick Animals
- •Develop a Quarantine Plan for the Show

Heat Stress



https://www.drovers.com/article/heat-stress-and-beef-cattle-0

Temperature									% R	elati	ve H	lumi	dity							
°F	°C	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
72 2	22.0	64.	65	65	65	66	66	61	67	67	68	68	69	69	69	70	70	70	71	71
73	23.0	65	65	66	68	66	67	-87	68	68	68	69	69	70	70	71	71	71	72	72
74 2	23.5	85	66	66	81	6/	61	68	68	69	69	70	70	70	71	71	72	72	73	73
75 2	24.0	66	86	67	67	68	68	68	69	69	70	70	71	71	72	72	73	73	74	74
76	24.5	66	67	67	68	68	69	69	70	70	71	71	72	72	73	73	74	74	75	75
77 3	25.0	67	67	68	68	69	69	70	70	71	71	72	72	73	73	74	74	75	75	76
78	25.5	67	68	68	69	69	70	70	71	71	72	73	73	74	74	75	75	76	76	77
79	26.0	57	68	69	69	70	70	71	71	72	73	73	74	74	75	76	76	77	77	78
80 2	26.5	68	69	69	70	70	71	72	72	73	73	74	75	75	76	76	77	78	78	79
81 2	27.0	68	69	70	70	71	72	72	73	73	74	75	75	76	77	77	78	78	79	80
	28.0	69	69	70	71	71	72	73	73	74	75	75	76	77	77	78	79	79	80	81
	28.5	69	70	71	71	72	73	73	74	75	75	76	77	78	78	79	80	80	81	82
	29.0	70	70	71	72	73	73	74	75	75	76	77	78	78	79	80	80	81	82	83
	29.5	70	71	72	72	73	74	75	75	76	77	78	78	79	80	81	81	82	83	84
	30.0	71	71	72	73	74	74	75	76	77	78	78	79	80	81	81	82	83	84	84
	30.5	71	72	73	73	74	75	76	77	77	78	79	80	81	81	82	83	84	85	85
	31.0	72	72	73	74	75	76	76	77	78	79	80	81	81	82	83	84	85	86	86
	31.5	72	73	74	75	75	76	77	78	79	80	80	81	82	83	84	85	86	86	87
	32.0	72	73	74	75	76	77	78	79	79	80	81	82	83	84	85	86	86	87	88
	33.0	73	74	75	76	76	77	78	79	80	81	82	83	84	85	86	86	87	88	89
92 3	33.5	73	74	75	76	77	78	79	80	81	82	83	84	85	85	86	87	88	89	90
93 3	34.0	74	75	76	77	78	79	80	80	81	82	83	85	85	86	87	88	89	90	91
94 3	34.5	74	75	76	77	78	79	80	81	82	83	84	86	86	87	88	89	90	91	92
	35.0	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93
	35.5	75	76	77	78	79	80	81	82	83	85	86	87	88	89	90	91	92	93	94
	36.0	76	77	78	79	80	81	82	83	84	85	86	87	88	89	91	92	93	94	95
	36.5	76	77	78	80	80	82	83	83	85	86	87	88	89	90	91	92	93	94	95
	37.0	76	78	79	80	81	82	83	84	85	87	88	89	90	91	92	93	94	95	96
100	38.0	77	78	79	81	82	83	84	85	86	87	88	90	91	92	93	94	95	96	98
	38.5	77	79	80	81	82	83	84	86	87	88	89	90	92	93	94	95	96	98	-99
	39.0	78	79	80	82	83	84	85	86	87	89	90	91	92	94	95	96	97	98	104
	39.5	78	79	81	82	83	84	86	87	88	89	91	92	93	94	96	97	98	-99	10
	40.0	79	80	81	83	84	85	86	88	89	90	91	93	94	95	96	98	-99	100	10
	40.5		80	82	83	84	86	87	88	89	91	92	93	95	96	97	99	100	101	167
106	41.0	80	81	82	84	85	87	88	89	90	91	93	94	95	97	98	99	101	102	103
107	41.5	80	81	83	84	85	87	88	89	91	92	94	95	96	98	-99	100	102	103	100

http://lallemandanimalnutrition.com/en/asia/whats-new/heat-stress-is-a-reality-in-europe

Heat Stress Prevention

NEVER allow water deprivation

- •Weigh backs at show time to prevent "shrinking"
- •Move events to cooler times of the day

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