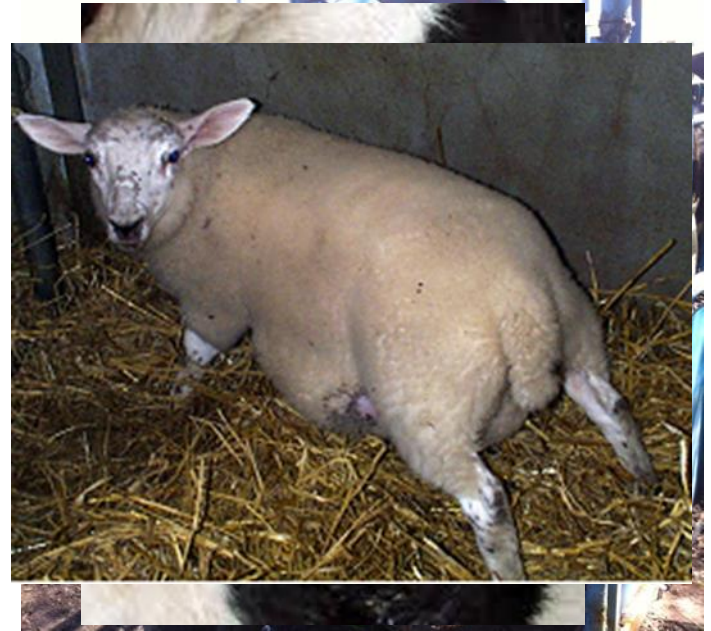


Disease Alert July 2017

- Infectious Bovine Rhinotracheitis (IBR)
- Urolithiasis (bladder stones) in rams

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Working to shape a sustainable and prospering Scottish Red Meat industry

Infectious Bovine Rhinotracheitis (IBR)



- **Viral disease of cattle**
 - Bovine herpes virus 1
- **Range of signs**
 - Death
 - Difficulty breathing
 - Pyrexia, Milk drop
 - Conjunctivitis
 - Nasal discharge
 - Abortion
- **Survivors become carriers**
- **Endemically infected herds with few signs**

IBR

- Regular bulk milk samples a crude indicator
- Paired blood samples useful for individuals
- Nasal swabs demonstrate virus
- Supportive treatment for viral disease
- Antibiotics for secondary bacteria
- Vaccination possible in the face of an outbreak



IBR



- Know your herd disease status
- Prevent buying in infected animals
- Maintain good farm boundaries
- Vaccines available

Bladder stones – cause

- Minerals in urine crystallise
- Associated with overfeeding certain rations
- Almost always males (narrow urethra / vermiform appendage)
- Texels especially prone



Bladder stones – signs and treatment

- Clinical signs
 - Straining to urinate
 - Kicking at abdomen
 - Grinding teeth
 - Kidney failure
- Treatment –
 - Usually surgical
 - Catheter placement
 - Urinary acidifiers



Bladder stones - prevention



- Ensure water supply
- Increase roughage
- Increase dietary salt
- Ammonium chloride
- Avoid overfeeding concentrates

Also keep an eye out for....



- Summer mastitis
- Flystrike

Jobs for July



C
E

Udder Health Action List



Lactation @ Date: >= 1

Last

Code	Animal ID Name	Lactation L No DM	CM History No. Qrt(s) Cases	Previous Status	Calving Status	Cell Count History					This Month's Test			Events	
						Counts > 200K (+Absent)	18/03/11	14/04/11	12/05/11	15/06/11	Yield	Contribution To Herd (%)	Infection Status	Lame	PD
52 Chronically Infected Cows															
F225	300170	8 99	4 LH/LFRH	Uninfected	Infected	4	250	982	3994	5398	0.0	0.0	Chronic		02/01/12
F298	400423	6 48	0	Chronic	Infected	2		4514	4242	357	6.4	Chronic			
F418	200918	2 226	2 LFRF	Recovered	Uninfected	4 (+2)	318	1424	844	4054	0.0	0.0	Chronic		15/12/11
F483	201051	1 405	0	Uninfected	Uninfected	4 (+1)	159	890	291	3093	1.2	0.2	Chronic		20/09/11
F250	100315	7 102	2 LFRH	Recovered	Infected	4	8411	2027	523	3083	0.0	0.0	Chronic		18/01/12
F226	300177	7 203	3 LH/LF	Chronic	Uninfected	8	1046	2183	1863	2822	28.7	3.2	Chronic		15/12/11
F277	600399	6 158	1 RH	Chronic	Uncertain	5 (+1)	269	905	1787	2016	33.4	2.9	Chronic		
F284	200400	5 140	0	Chronic	Infected	5	981	1087	1992	1979	46.2	3.9	Chronic		27/10/11
F283	500452	5 494	2 LH/UK	Uninfected	Uninfected	14	912	1655	853	1698	13.3	1.0	Chronic		20/09/11
F318	200519	5 313	2 LFRF	Chronic	Infected	10	455	650	774	1683	11.6	0.8	Chronic		12/07/11
F328	600558	5 337	0	Chronic	Uncertain	5	260	1095	472	1284	5.6	0.3	Chronic		
F222	600173	8 102	1 RH	Infected	Uninfected	2	136	1514	198	1281	45.3	2.5	Chronic		16/01/12
F425	100898	4 125	1 LF	Chronic	Uninfected	3	27	7230	6819	1249	13.9	0.7	Chronic		
F299	300128	7 245	2 LH/RH	Chronic	Infected	5	4720	548	816	1226	17.3	0.9	Chronic		20/08/11
F316	300485	5 344	1 LF	Recovered	Uninfected	4 (+1)	92	308	432	1190	10.8	0.5	Chronic	+	08/11/11
F210	500144	6 518	0	Chronic	Uninfected	3	171	387	197	1020	4.3	0.2	Chronic		17/07/11
F386	500509	3 418	1 UK	Uninfected	Uninfected	4	182	1558	207	1015	11.9	0.5	Chronic		23/09/11
F493	701203	2 104	0	Chronic	Infected	4	203	292	442	984	33.5	1.4	Chronic		21/12/11
F311	600509	6 341	0	Chronic	Infected	5	147	1298	282	984	4.0	0.2	Chronic		13/06/11
F323	300492	6 178	3 RH/LH/LF	Infected	Uninfected	5	388	721	1098	913	23.2	0.9	Chronic		07/10/11
F183	103606	8 586	1 LH	Chronic	Uncertain	12 (+1)	161	345	858	862	19.6	0.7	Chronic		
F314	600516	6 220	2 LF	Infected	Uninfected	3	20	34	395	851	31.8	1.2	Chronic		14/12/11

- Review drying off procedure
- Consider selective dry cow treatment

Thank you for watching

Please have a go at the clinical
quiz!