

- · common in dairy cows
- · rarely in sheep
- abomasal bloat in lambs

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aetiology

- plant factors
 rapidly grown clover (alfalfa worst) & grass
- low tannin levelsanimal factors
- ruminal microflora
- salivary composition & volume
- environmental factors

 warm wet weather

pathophysiology

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- rapid fermentation of clover
- · proteins form stable foam
- $\boldsymbol{\cdot}$ animal unable to eructate
- ruminal distension
- dyspnoea, reduced cardiac output
- death

treatment

in emergency
 pass stomach tube
 insert large cannula
 rumenotomy

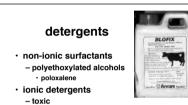


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treatment

- oils
- detergents
 household remedies for first aid

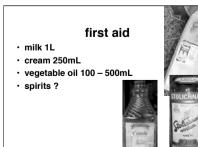




- rarely used · dioctyl sodium sulphosuccinate

side effects

- diarrhoea
- excitation





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prevention

- avoid dangerous pastures
- feed hay before turning cows out
- spray pastures with oils
 detergents in drinking water
- drench daily with polyethoxylated alcohol
- drench at milking with oils

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- paint detergents on cows
- antibiotics
- breed bloat resistant cattle



- kills horses and dogs

antibiotics

 grain fed cattle

 may be free gas or frothy bloat
 wide variety of "production enhancer" antibiotics used
 most kill Lactobacilli



bloat

- · prevention is better than cure
- in emergency relieve ruminal tympany
 try stomach tube first
- treatment polyethoxylated alcohols (PA)- check rest of herd
- prevention good husbandry, PAs or monensin

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