SUMMARY OF DISEASES OF RANGE SHEEP

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I. GENERAL (MAY OCCUR ANYTIME)

A. Ewes and Rams

1. Sudden Death
   - bloat
   - enterotoxemia (overeating disease; Clostridium perfringens type C & D)
   - other Clostridia (blackleg; malignant edema; braxy)
   - acidosis (grain overload)
   - injuries
   - pneumonia (may appear sudden, if not observed)
   - toxic plants
     - halogeton
     - lupine
     - milkweed
     - copperweed
     - kochia
     - beet tops
     - sweetclover (bleeding disease)
   - other toxins

2. Acute Illness
   - pneumonia
   - acidosis (grain overload)
   - injury
   - intoxication (e.g. poisonous plants, above)
   - polio
   - bluetongue
   - tetanus (shear wounds)
   - toxic plants (locoweed, sneezeweed, greasewood, black sage)

3. Chronic Ill-Thrift
   - abscesses
   - caseous lymphadenitis
   - internal a. and adhesions
   - ovine progressive pneumonia (OPP; progressive p.)
   - chronic pneumonia (bacterial)
   - parasites (internal; external)
   - chronic pain (e.g. arthritis)
   - nutritional deficiency (especially energy)
   - teeth problems

4. CNS Disturbance (Behavior Change)
   - locoweed
   - metabolic diseases (pregnancy disease, etc.)
   - subclinical enterotoxemia
   - polio
   - rabies

5. Lameness
   - arthritis (septic; chlamydial)
   - bumblefoot
   - foot rot
   - lip and leg disease

6. Pinkeye
   - bacterial
   - chlamydial

7. Parasites
   - external
     - keds
     - lice
     - mange mites
nose bots
fly blow
internal
roundworms (nematodes)
liver fluke
tapeworms

### B. Ram Diseases

- Ram Epididymitis
- Sheath Rot (pizzle rot)
- Urinary Calculi

### II. LAMING DISEASES OF EWES

#### A. Abortion

- Vibriosis (Campylobacter)
- Enzootic Abortion of Ewes (EAE)
- Listeriosis
- Toxoplasmosis
- Leptospirosis
- Locoweed
- Border Disease (Hairy Shakers)
- toxic plants
  - halogeton
  - lupine
  - milkweed
  - copperweed
  - kochia
  - beet tops
  - sweetclover (bleeding disease)
- other toxins

#### B. Downer Ewes (or Weak Ewes)

- Pregnancy Toxemia (Pregnancy Disease; Ketosis; Lambing Paralysis)
- Milk Fever (Hypocalcemia)
- Transport Tetany (Hypocalcemia)
- Chronic Ill-Thrift
- Starvation
- Dead Lambs in Uterus
- Intoxication
- Mastitis (Bluebag)
- Subclinical Enterotoxemia

#### C. Sudden Death

- bloat
- enterotoxemia (overeating disease; Clostridium perfringens type C & D other Clostridia (blackleg; malignant edema; braxy)
- acidosis (grain overload)
- injuries pneumonia (if not observed)
- toxic plants
  - halogeton
  - lupine
  - milkweed
  - copperweed
  - kochia
  - beet tops
  - sweetclover (bleeding disease)
  - other toxins

#### D. Illness

- Mastitis (Bluebag)
- Pneumonia
- Uterine infection
- Acidosis (Indigestion)
- Poisonous plants (locoweed, sneezeweed, greasewood, and blacksage)

#### E. Prolapse

- Rectum
- Vagina

#### F. Hernia (abdominal)

#### G. Skin Lesions

- Lip and Leg Disease
- Lice
- Keds+

#### III. NEWBORN LAMB DISEASES (0-21 DAYS)

- Starvation
- Stillborn (see abortion)
- Hairy Shaker (Border Disease)
- Bleeding Disease (Sweetclover Poisoning; Dicoumoral)
- Runny Eyes
  - entropion
  - injury
- Tetanus (Lock Jaw)
- Soremouth
- Scours (viral; bacterial; protozoan)
- Pneumonia
- White Muscle Disease
- Goiter
- Navel / Join Ill
IV. DISEASES OF NURSING LAMBS (> 21 DAYS)

A. Starvation
B. Scours (Diarrhea)
   - salmonella
   - coccidiosis (bloody scours)
C. Acute Illness
   - pneumonia
   - tetanus
   - enterotoxemia
   - white muscle disease
   - bluetongue
D. Sudden Death
   - enterotoxemia (and other Clostridia)
   - dirt eating (rarely a cause of death, though often blamed)
   - pneumonia
   - white muscle disease
E. Chronic Illness
   - goiter
   - white muscle disease
   - joint / navel ill
F. Stiff Lambs
   - white muscle disease
   - sneezeweed
   - polyarthritis (chlamydia; arthritis)
   - pneumonia
   - tetanus
   - bluetongue
   - joint ill
   - ricketts
G. Soremouth
H. Eye Disease
   - chlamydia
   - pinkeye
   - entropion

V. DISEASES OF WEANING AGE LAMBS

A. Ill
   - pneumonia
   - bluetongue
   - urinary calculi
   - acidosis
   - polio
   - white muscle disease
   - polyarthritis
B. Sudden Death
   - enterotoxemia
   - bloat

C. Diarrhea
   - coccidiosis
   - salmonella
D. Other
   - nose bots
   - internal parasites
   - rectal prolapse