|  |  |  |
| --- | --- | --- |
| **Disease** | **Key Symptoms** | **Recommended Medicines & Dose** |
| **PPR (Peste des petits ruminants)** | Fever, oral ulcers, diarrhea, nasal discharge, high mortality | - **Vaccine:** PPR vaccine as per schedule- Oxytetracycline 10%: 1 ml/10 kg IM once daily for 3-5 days- Supportive: B-Complex, oral electrolytes- Alternative antibiotics: Tylosin (10-20 mg/kg IM) |
| **Enterotoxaemia** | Sudden death, abdominal pain, frothing, convulsions | - **Vaccine:** Enterotoxaemia (ET) vaccine annually- IV Dextrose/Glucose (5-10 ml/kg)- Dexamethasone 0.1-0.2 mg/kg IM- Oral probiotics, activated charcoal for toxin binding- Metronidazole 10-15 mg/kg orally if secondary infection suspected |
| **Sheep Pox** | Fever, skin nodules, crusts, nasal discharge | - **Vaccine:** Sheep and goat pox vaccine annually- Oxytetracycline 10%: 1 ml/10 kg IM- Iodine ointment or silver sulfadiazine topical- NSAIDs like Meloxicam 0.5 mg/kg SC for fever/inflammation |
| **Orf** | Scabby lesions on lips, mouth, udder | - Live Orf vaccine if available- Topical: Povidone-iodine or Chlorhexidine- Penicillin 10,000 IU/kg IM if secondary infection- Pain relief: NSAIDs such as Meloxicam 0.5 mg/kg SC |
| **Coccidiosis** | Bloody diarrhea, dehydration, weakness | - Sulfa drugs (Sulfadimethoxine or Sulfamethazine) 20-30 mg/kg orally for 5 days- Amprolium 10-20 mg/kg orally for 3-5 days- Toltrazuril 7 mg/kg orally once- Oral Rehydration Salts (ORS)- Supportive fluids IV if severely dehydrated |
| **Foot Rot** | Foul-smelling hooves, lameness, swelling | - Oxytetracycline 10%: 1 ml/10 kg IM every 48 hrs for 3 doses- Footbath: 10% Zinc Sulfate or 5% Copper Sulfate daily for 5-7 days- Hoof trimming- Topical antiseptic sprays- Anti-inflammatory: Meloxicam 0.5 mg/kg SC |
| **Blue Tongue** | Swollen tongue, facial edema, lameness, fever | - Supportive care only- Oxytetracycline 10%: 1 ml/10 kg IM daily for 3-5 days- Meloxicam 0.5 mg/kg SC daily for 3 days- Fluid therapy with ORS or IV fluids if dehydrated- Vitamin C 50-100 mg/kg orally or IM for immune support |
| **Haemonchosis** | Anemia, bottle jaw swelling, pale mucous membranes | - Anthelmintics: Closantel 10 mg/kg orally once- Levamisole 7.5 mg/kg orally once- Albendazole 5 mg/kg orally- Iron supplementation (injectable iron dextran)- Monitor with FAMACHA scoring |
| **Liver Fluke** | Anemia, bottle jaw, weight loss, weakness | - Triclabendazole 12 mg/kg orally once- Albendazole 10 mg/kg orally (less effective)- Liver tonics containing B vitamins and amino acids- Supportive nutrition and minerals |
| **Pneumonia** | Coughing, nasal discharge, fever, difficulty breathing | - Oxytetracycline 10%: 1 ml/10 kg IM daily for 5-7 days- Enrofloxacin 5 mg/kg IM or SC daily for 5 days- Meloxicam 0.5 mg/kg SC daily for 3 days- Provide shelter, avoid stress- Steam inhalation or nebulization if possible |
| **Tetanus** | Muscle stiffness, lockjaw, convulsions | - Tetanus toxoid vaccine- Tetanus antitoxin 2500-5000 IU SC once- Penicillin G Procaine 20,000 IU/kg IM twice daily for 5 days- Sedatives like Diazepam 0.1 mg/kg IV or IM- Supportive care, dark quiet environment |
| **White Muscle Disease** | Weakness, sudden death, muscle stiffness | - Vitamin E + Selenium injection (1 ml/20 kg IM or SC)- Repeat after 3 weeks if necessary- Provide mineral mix containing selenium and vitamin E in feed |
| **Pregnancy Toxaemia** | Weakness, anorexia, depression in late pregnancy | - Propylene Glycol 30-60 ml orally twice daily- IV Dextrose 5-10 ml/kg slowly- Calcium gluconate 10 ml IV slowly- Magnesium sulfate 5-10 ml IV- Improve diet energy and protein |
| **Mastitis** | Hot, swollen udder, painful, abnormal milk | - Enrofloxacin 5 mg/kg IM daily for 3-5 days- Oxytetracycline 10% 1 ml/10 kg IM- Meloxicam 0.5 mg/kg SC daily for 3 days- Udder hygiene, teat dipping- Frequent milking to remove infected milk |
| **Listeriosis** | Circling, head tilt, abortion, fever | - Penicillin G 20,000 IU/kg IM every 8 hours for 5-7 days- Oxytetracycline 10% alternative- NSAIDs like Meloxicam 0.5 mg/kg- Supportive fluids and nutrition |
| **Anthrax** | Sudden death, bleeding from natural openings | - Anthrax vaccine in endemic areas- No treatment once clinical signs appear- Burn or bury carcasses deeply- Quarantine exposed animals |
| **CLA (Caseous Lymphadenitis)** | Swollen lymph nodes, abscess formation | - Incision and drainage of abscess- Flush abscess with iodine or chlorhexidine- Penicillin or Oxytetracycline 10% 1 ml/10 kg IM every 48 hrs for 3 doses- Vaccination in endemic areas |
| **Johne’s Disease** | Chronic diarrhea, wasting, progressive weight loss | - No effective treatment- Cull infected animals- Maintain hygiene and biosecurity to prevent spread |
| **Pink Eye (Keratitis)** | Redness, eye discharge, swelling | - Oxytetracycline eye drops every 6-8 hours- Systemic oxytetracycline 1 ml/10 kg IM daily for 3 days- Isolate affected animals to prevent spread |
| **Urinary Calculi (Rams)** | Difficulty urinating, colic, tail twitching | - Ammonium chloride 0.1-0.2 g/kg orally daily for 7 days- NSAIDs for pain relief- Increase water intake- Dietary correction to reduce phosphorus/calcium imbalance |
| **Bloat** | Abdominal distension (left side), discomfort, respiratory distress | - Poloxalene (antibloat agent) as per label- Simethicone 0.5-1 ml/kg orally every 6-8 hrs- Trocarization by vet if severe- Avoid sudden diet changes |
| **Abortion Diseases** | Abortions, weak or dead lambs/kids | - Isolation of affected animals- Hygiene and sanitation- Vaccination against Brucella and other agents where available- Long-term farm biosecurity |
| **Mange / Lice** | Intense itching, hair loss, skin lesions | - Ivermectin injection 0.2 mg/kg SC once, repeat after 14 days- Cypermethrin spray on animals and premises- Maintain good hygiene |
| **Nasal Bots** | Nasal discharge, head shaking, sneezing | - Ivermectin 0.2 mg/kg SC single dose (kills larvae)- Repeat dose after 2 weeks if necessary- Supportive care |

<table border="1" cellpadding="6" cellspacing="0" style="width:100%; border-collapse: collapse;">

<thead style="background-color:#f2f2f2;">

<tr>

<th>Disease</th>

<th>Key Symptoms</th>

<th>Recommended Medicines & Dose</th>

</tr>

</thead>

<tbody>

<tr>

<td><strong>PPR (Peste des petits ruminants)</strong></td>

<td>Fever, oral ulcers, diarrhea, nasal discharge, high mortality</td>

<td>

<strong>Vaccine:</strong> PPR vaccine as per schedule<br>

Oxytetracycline 10%: 1 ml/10 kg IM once daily for 3-5 days<br>

Supportive: B-Complex, oral electrolytes<br>

Alternative antibiotics: Tylosin (10-20 mg/kg IM)

</td>

</tr>

<tr>

<td><strong>Enterotoxaemia</strong></td>

<td>Sudden death, abdominal pain, frothing, convulsions</td>

<td>

<strong>Vaccine:</strong> ET vaccine annually<br>

IV Dextrose/Glucose (5-10 ml/kg)<br>

Dexamethasone 0.1-0.2 mg/kg IM<br>

Oral probiotics, activated charcoal<br>

Metronidazole 10-15 mg/kg orally

</td>

</tr>

<tr>

<td><strong>Sheep Pox</strong></td>

<td>Fever, skin nodules, crusts, nasal discharge</td>

<td>

<strong>Vaccine:</strong> Sheep and goat pox vaccine annually<br>

Oxytetracycline 10%: 1 ml/10 kg IM<br>

Iodine or silver sulfadiazine ointment<br>

Meloxicam 0.5 mg/kg SC

</td>

</tr>

<tr>

<td><strong>Orf</strong></td>

<td>Scabby lesions on lips, mouth, udder</td>

<td>

Live Orf vaccine<br>

Povidone-iodine or Chlorhexidine topical<br>

Penicillin 10,000 IU/kg IM<br>

Meloxicam 0.5 mg/kg SC

</td>

</tr>

<tr>

<td><strong>Coccidiosis</strong></td>

<td>Bloody diarrhea, dehydration, weakness</td>

<td>

Sulfa drugs: 20-30 mg/kg orally for 5 days<br>

Amprolium 10-20 mg/kg orally<br>

Toltrazuril 7 mg/kg orally once<br>

ORS + IV fluids if needed

</td>

</tr>

<tr>

<td><strong>Foot Rot</strong></td>

<td>Foul-smelling hooves, lameness, swelling</td>

<td>

Oxytetracycline 10%: 1 ml/10 kg IM every 48 hrs<br>

Footbath: 10% ZnSO₄ or 5% CuSO₄ daily<br>

Hoof trimming, antiseptic sprays<br>

Meloxicam 0.5 mg/kg SC

</td>

</tr>

<tr>

<td><strong>Blue Tongue</strong></td>

<td>Swollen tongue, facial edema, lameness, fever</td>

<td>

Supportive only<br>

Oxytetracycline 10%: 1 ml/10 kg IM<br>

Meloxicam 0.5 mg/kg SC<br>

ORS or IV fluids<br>

Vitamin C: 50-100 mg/kg

</td>

</tr>

<tr>

<td><strong>Haemonchosis</strong></td>

<td>Anemia, bottle jaw swelling, pale mucous membranes</td>

<td>

Closantel 10 mg/kg orally<br>

Levamisole 7.5 mg/kg orally<br>

Albendazole 5 mg/kg orally<br>

Injectable iron tonic<br>

FAMACHA scoring

</td>

</tr>

<tr>

<td><strong>Liver Fluke</strong></td>

<td>Anemia, bottle jaw, weakness, weight loss</td>

<td>

Triclabendazole 12 mg/kg orally<br>

Albendazole 10 mg/kg (less effective)<br>

Liver tonics, B vitamins<br>

Good nutrition

</td>

</tr>

<tr>

<td><strong>Pneumonia</strong></td>

<td>Coughing, nasal discharge, fever, difficulty breathing</td>

<td>

Oxytetracycline 10%: 1 ml/10 kg IM<br>

Enrofloxacin 5 mg/kg IM<br>

Meloxicam 0.5 mg/kg SC<br>

Shelter & steam therapy

</td>

</tr>

<!-- Continue same format for rest of diseases -->

</tbody>

</table>