

## USER MANUAL

**Project Name:** Livestock Health Advisor

**Purpose:** Recommend remedies based on symptoms or animal disease.

This tool targets farmers and veterinarians.

**System requirements:** Internet connectivity and dependencies like Flask and Python

**How to use the system?**

Dashboard

### Livestock Health Advisor

Expert Remedies for Goats & Cattle

  
Cattle

  
Goat

Find Remedies

Select Symptoms:

<input type="checkbox"/> Coughing	<input type="checkbox"/> Nasal discharge	<input type="checkbox"/> Fever	<input type="checkbox"/> Reduced appetite	<input type="checkbox"/> Labored breathing
<input checked="" type="checkbox"/> Swollen udder	<input type="checkbox"/> Abnormal milk	<input type="checkbox"/> Pain in udder	<input type="checkbox"/> Reduced milk production	<input type="checkbox"/> Blisters on mouth
<input type="checkbox"/> Blisters on feet	<input type="checkbox"/> Excessive salivation	<input type="checkbox"/> Lameness	<input type="checkbox"/> Diarrhea	<input type="checkbox"/> Weight loss
<input type="checkbox"/> Dehydration	<input type="checkbox"/> Weakness	<input type="checkbox"/> Bloody stool		

**Important:** In case of severe symptoms or emergency, contact a veterinarian immediately.

Select animal (cattle or goat)

Cattle

Livestock Health Advisor

Expert Remedies for Goats & Cattle

Cattle

Goat

swollen udder

Find Remedies

Select Symptoms:

☐ Coughing

☐ Nasal discharge

☐ Fever

☐ Reduced appetite

☐ Labored breathing

☒ Swollen udder

☐ Abnormal milk

☐ Pain in udder

☐ Reduced milk production

☐ Blisters on mouth

☐ Blisters on feet

☐ Excessive salivation

☐ Lameness

☐ Diarrhea

☐ Weight loss

☐ Dehydration

☐ Weakness

☐ Bloody stool

Important: In case of severe symptoms or emergency, contact a veterinarian immediately.

Goat

Livestock Health Advisor

Expert Remedies for Goats & Cattle

Cattle

Goat

swollen udder

Find Remedies

Select Symptoms:

☐ Joint swelling

☐ Lameness

☐ Weight loss

☐ Pneumonia

☐ Neurological symptoms

☐ Sudden death

☐ Abdominal pain

☐ Diarrhea

☐ Convulsions

☐ Bloating

☐ Dehydration

☐ Weakness

☐ Bloody stool

☐ Fever

☐ Coughing

☐ Reduced appetite

Important: In case of severe symptoms or emergency, contact a veterinarian immediately.

Select symptoms based on chosen animal or enter the symptom and then click on “Find Remedies”


This piece of information will be displayed

Possible Conditions:

Mastitis

Moderate to High

Inflammation of the mammary gland usually caused by bacterial infection.  
**Symptoms:** Swollen udder, Abnormal milk, Pain in udder, Reduced milk production, Fever  
**Matching Symptoms:** Swollen udder



Recommended Treatments:

Medication

Intramammary antibiotics, systemic antibiotics for severe cases as prescribed by vet.

Supportive Care

Frequent milking, cold or warm compresses, anti-inflammatory drugs.

Prevention

Good milking hygiene, proper housing, teat dipping after milking.

This tool provides general information only. Always consult with a qualified veterinarian for diagnosis and treatment.

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This system provides a diagnostic tool for farmers, helping improve animal health. By using flowcharts and data flow diagrams, we clearly define how users interact with the system and how data moves to provide a remedies and suggests treatments.