



## Targeted drainage system in the grassland

**Need/issue:** Lameness (ewe/replacement)

**Aim:** To provide precise solutions for different causes of lameness on pastures.

**How to implement:**

- Artificial resting mounds can be formed from sand or gravel with high drainage ability in various parts of the pasture.
- This will prevent to some level of microbial growth and reduce lameness caused by pasture moisture.

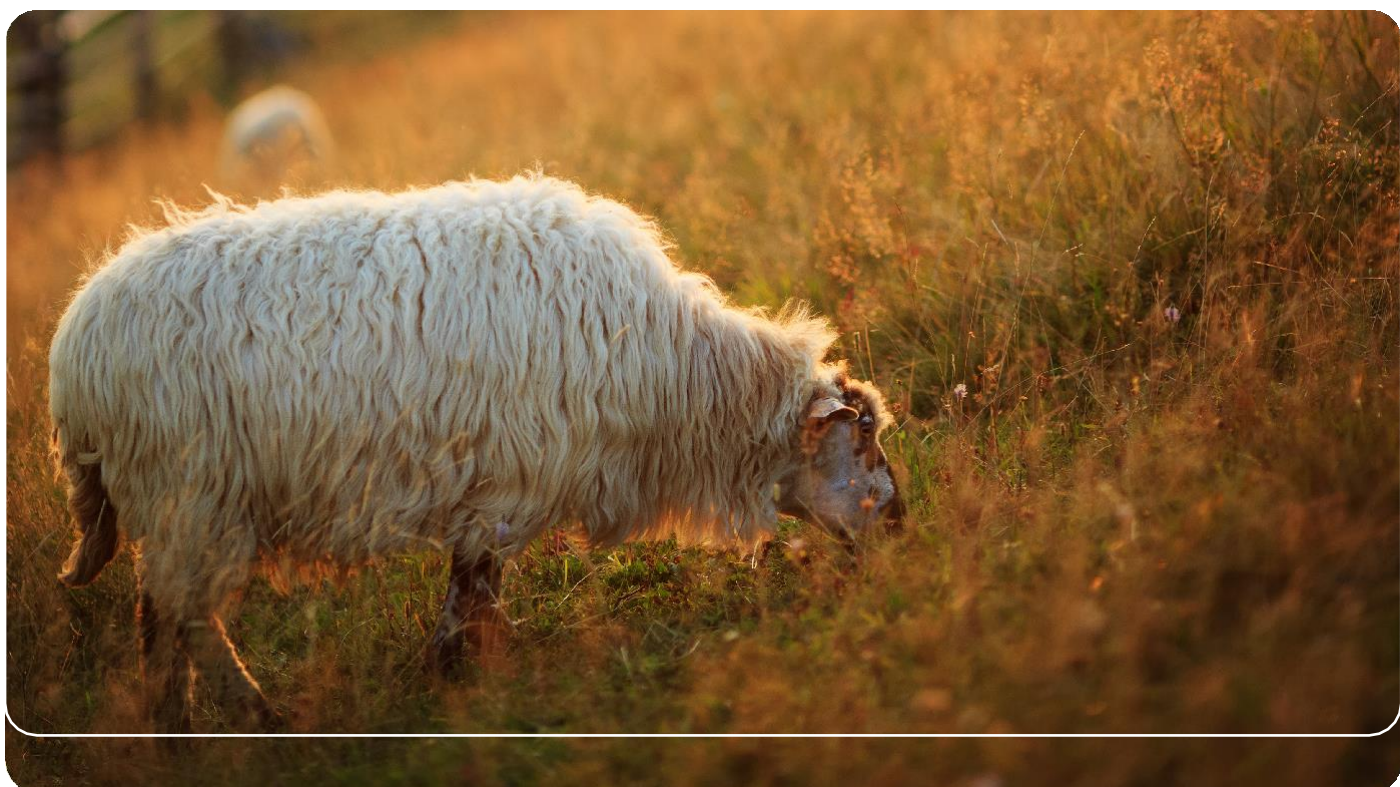


**Description:**

Wet pasture can increase microbial activity in the feet and cause deterioration of the tissue between the nails, nail rot, and joint inflammation during wet season.

Protective measures are needed to avoid lameness caused by pasture ground.

For this aim artificial sets or steeply-sloping areas can be established in the grasslands with very low cost.



### Expected benefits:

- Reducing lameness caused by pasture moisture will improve animal welfare and productivity and reducing treatment costs and the amount of antibiotics used.

### Prerequisites and/or limits:

- Low cost
- The resting areas should be created in a way that does not damage the pasture.
- Good handling facilities.

**Country:** Turkey

**Dairy or/and meat sheep:** Meat and Dairy

**Category of Animal (ewe, replacement, lamb):**  
All

### Topic:

- Health
- Nutrition
- Management

### Level of solution:

- Knowledge
- Practical

### Source of information:

- Republic of Turkey Ministry of Agriculture and Forestry, food and rural affairs-leaflet
- <https://arastirma.tarimorman.gov.tr/>

