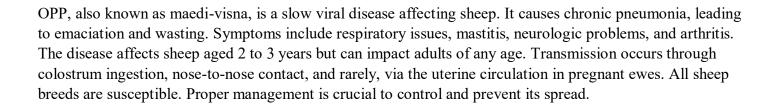
# MAED-VISNA/OVINE PROGRESSIVE PNEUMONIA

OPP in Sheep and Goats



### CAUSES OF OPP

OPP is caused by slow viral infections, mainly maedi-visna virus (MVV) in sheep and caprine arthritis encephalitis virus (CAEV) in goats. The virus spreads through ingestion of infected milk, nose-tonose contact, and vertical transmission from infected pregnant ewes or does. Once infected, the virus establishes a lifelong infection, leading to chronic pneumonia, arthritis, mastitis, and neurologic problems. Since there's no cure or vaccine, prevention and management are vital to control its spread.

# PREVENTION OF OPP

To prevent OPP in sheep and goats:

- Test and cull infected animals.
- Quarantine new animals for 30 days.
- Maintain clean and hygienic conditions.
- Minimize nose-to-nose contact.
- Use separate feeding and watering equipment.
- Ensure proper animal identification.
- Monitor and surveil for signs of infection.



This is a Notifiable disease

Sources

Effects of arginine supplementation on reproductive performance in ... (n.d.-d). https://www.ag.ndsu.edu/HettingerREC/

# SYMPTOMS OF OPP

Symptoms of OPP in sheep and goats:

- Chronic pneumonia.
- Emaciation and wasting.
- Exercise intolerance.
- Respiratory distress.
- Coughing.
- Joint problems.
- Mastitis (in ewes and does).
- Neurologic issues.
- Weak offspring.

### TREATMENT OF OPP

Antibiotics can address secondary infections, but there's no effective treatment or vaccine for OPP.

Factsheet provided by:

The Idaho Sheep & Goat **Health Board** 

