

# National Animal Health Monitoring System (NAHMS) *Mycoplasma ovipneumoniae* Report

Date of report: 11/1/2019

*Mycoplasma ovipneumoniae* test results for NAHMS ID: 99999

Date of sample collection: 10/1/2019

Dear participant,

Thank you for participating in the *Mycoplasma ovipneumoniae* (*M. ovipneumoniae*) testing portion of the NAHMS Goat 2019 Study. This report contains results of the *M. ovipneumoniae* testing performed on goats at your operation. Please consider sharing these results with your veterinarian.

If you have questions about the accuracy of your results, please contact Dr. Alyson Wiedenheft, the NAHMS biologics coordinator, at (970) 494-7290 or [Alyson.M.Wiedenheft@aphis.usda.gov](mailto:Alyson.M.Wiedenheft@aphis.usda.gov).

## **Background on *Mycoplasma ovipneumoniae*:**

*M. ovipneumoniae* is a bacterium that colonizes the respiratory tract. By itself, *M. ovipneumoniae* is not a deadly bacterium. However, in some hosts, it will proliferate along the respiratory tract (nasal cavity, trachea, and lungs), resulting in compromised clearance of mucus and other bacteria that may be drawn into the lungs with inhalation. These opportunistic pathogens can lead to clinical pneumonia, and even death, when clearance is impaired.

## ***Mycoplasma ovipneumoniae* Testing and Results:**

Nasal swabs were used to collect samples from does on your operation. These samples were tested for *M. ovipneumoniae*. Testing identifies the presence of the bacterium's DNA, which is interpreted to mean the bacterium is present. The results of the testing are listed on the following page. A positive result indicates that *M. ovipneumoniae* was detected, but it does not mean your doe has pneumonia, nor does it mean she will develop pneumonia. It is common for clinically healthy goats to carry bacteria and viruses that can produce pneumonia. Pneumonia is a complicated, multifactorial process that involves the host and the environment, as well as a number of pathogens. Pathogens that can cause pneumonia, such as *M. ovipneumoniae* and other bacteria and viruses, can be carried by clinically healthy goats.

## Individual Goat *Mycoplasma ovipneumoniae* Test Results:

Sample #	Goats name/ID	<i>Mycoplasma ovipneumoniae</i>
1	Patty	Negative
2	Alice	Negative
3	Jackie	Negative
4	Willa	Negative
5	Jane	Negative
6	Bonnie	Negative
7	Samantha	Negative
8	Cammie	Negative
9	Jill	Negative
10	Suzy	Negative
11	Mel	Negative
12	Jasper	Negative
13	Katie	Negative
14	Fannie	Negative
15	Helen	Negative
16	Lemon	Negative
17	Rascal	Negative
18	Trisha	Negative
19	Vicki	Negative
20	Wendy	Negative

***Mycoplasma ovipneumoniae* Results Interpretation: (FOR NEGATIVE RESULTS)**

None of the does tested on your operation tested positive for *Mycoplasma ovipneumoniae*.

***Mycoplasma ovipneumoniae* Results Interpretation: (FOR POSITIVE RESULTS)**

One or more of the does on your operation tested positive for *Mycoplasma ovipneumoniae*. A positive result indicates that *M. ovipneumoniae* was detected, but it does not mean your doe has pneumonia, nor does it mean she will develop pneumonia. You may want to share these results with your veterinarian.