

STOMP PLUS[®]

Targeting disease through diagnostics.SM

A comprehensive diagnostic consultative service

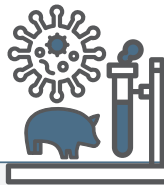
What is it?

STOMP PLUS[®] is a Zoetis comprehensive diagnostic consultative service focused on helping swine producers and veterinarians identify and monitor specific pathogens responsible for enteric and/or respiratory outbreaks in their operations. In addition, STOMP PLUS supports swine veterinarians in providing evidence-based rationale for the responsible use of antibiotics targeting specific pathogens.



Question/answer-based diagnostic sampling plan

Diagnostics should not be a “fishing expedition” – the STOMP PLUS approach starts with a specific question you need answered, guiding the development of a targeted diagnostic sampling plan



Diagnostic interpretation

The largest, most experienced team of technical consultants provides in-depth analysis and interpretation of pathology and assay results, identifying patterns, trends and disease-status classification of farms or groups of pigs



Diagnostic summaries

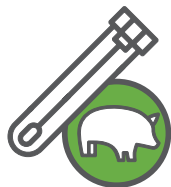
Zoetis technical staff prepares highly visual, easy-to-understand diagnostic summary presentations so veterinarians can spend less time preparing and more time communicating the herd health story with their producers

How does it work?

Managed by the Zoetis Pork Technical Services Team, STOMP PLUS is a consultative collaborative effort with the veterinarian and producer that includes five key deliverables:



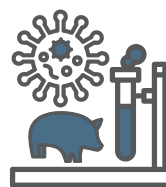
Diagnostic sampling plan



On-farm sampling support



Diagnostic lab payment and test coordination



Analysis and interpretation of diagnostic results



Summary presentation



Getting Started — Diagnostic Planning Worksheet

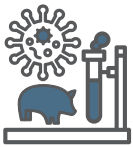
In collaboration with your Zoetis Technical Services veterinarian, producers and their veterinarians are encouraged to outline a diagnostic plan as the first step in starting a STOMP PLUS supported diagnostic investigation.



Diagnostic Question



Sampling Plan



Diagnostic Tests



Diagnostic Lab(s)

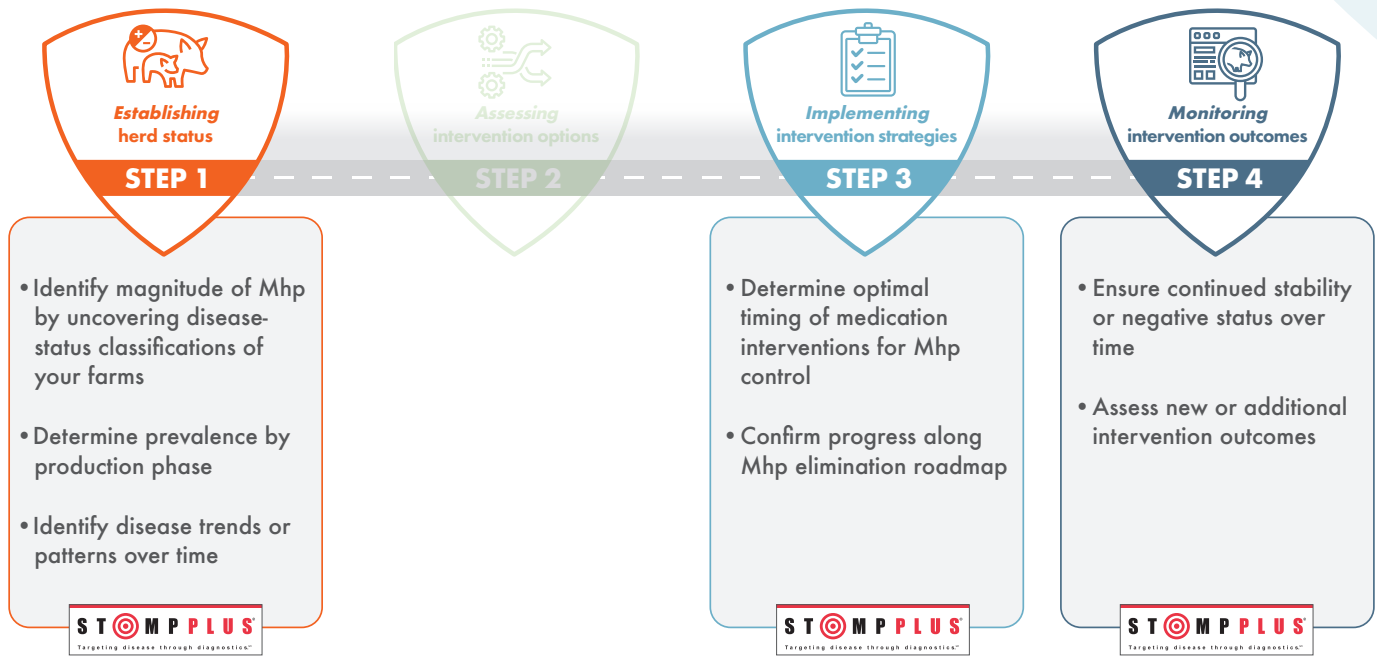


Estimated Budget



Notes and Comments

STOMP PLUS is a critical component of Mhp Guardian, supporting three of the four steps to better understand Mhp disease dynamics and provide a scientific basis for decisions around interventions, vaccines, and medications.



STOMP PLUS example

Establishing Mhp (*Mycoplasma hyopneumoniae*) Sow Herd Status

Diagnostic question

What is the extent of Mhp in the replacement gilt population and on-site breeding herd? Does the gilt status match the breeding herd status?

Diagnostic sampling plan

Gilts: Collect Deep Tracheal Swab (DTS) samples from:

- 30 replacement gilts (prior to leaving GDU or <1 week after arrival to sow farm)

Breeding Herd: Collect DTS samples from:

- 20 late-gestation P0 bred gilts (on-farm 3-4 months)
- 15 mid-gestation P1 sows (on-farm 6-8 months)
- 15 mid-gestation P3-P5 sows (on-farm > 2 years)

Pool all DTS samples X 5 (within parity groups) and perform PCR testing

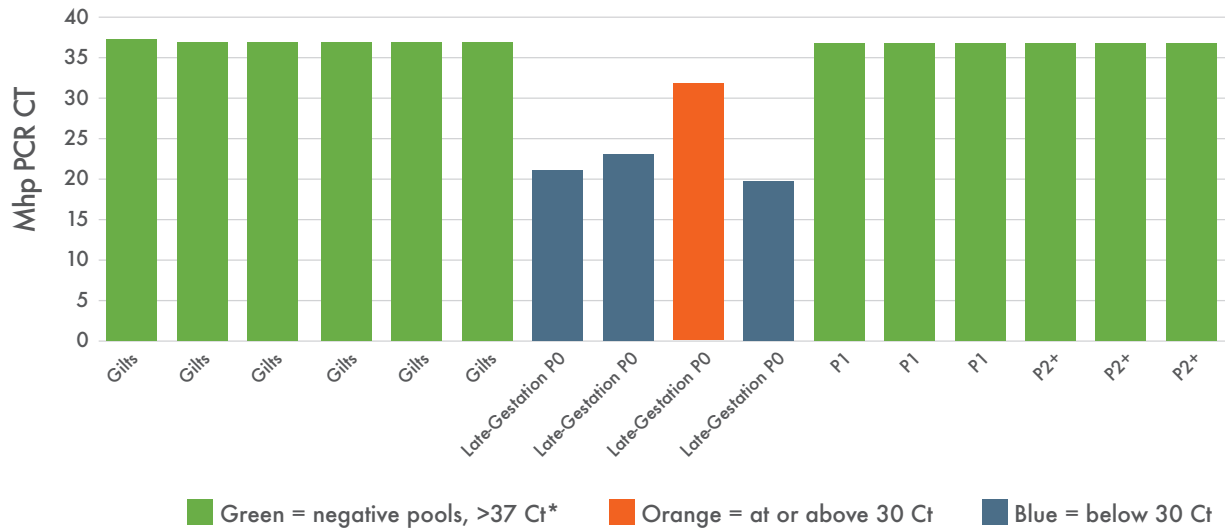


Mhp Guardian

Personalized Management Program

Results and interpretation

These results are typical of a Mhp-positive sow herd that receives Mhp-negative gilts. The gestating P0 gilts are highly Mhp-positive going into farrowing/lactation, while the mature breeding herd (P1, P2, etc.) have generally become Mhp-negative. This herd would be classified as an Mhp uncontrolled positive herd, as it is likely producing groups of Mhp-positive weaned pigs.



*Ct (cycle time) = quantitative measure from PCR assay

**For more information about STOMP PLUS contact your
Zoetis Technical Services veterinarian or go to Zoetispork.com.**

These are general guidelines only. Producers should consult with their veterinarian.