

+ 1 Shot
+ 1 mL
+ #1 Syringeability

23 weeks of mycoplasmal
pneumonia protection

It all adds up.

PneumoSTAR™ Myco

Across the board, mycoplasmal pneumonia threatens the productivity and profitability of swine herds. The good news is that PneumoSTAR™ Myco provides a big advance in long-lasting protection.

One shot is all it takes to immunize pigs three weeks or older.

One mL provides 23 weeks of mycoplasmal pneumonia protection.

One-time treatment with easy syringeability plus ImmunSTAR™ adjuvant guarantees superior performance.

Chalk one up for PneumoSTAR™ Myco.

One shot. One mL. One time.



Low dose, easy administration and long-term protection: It adds up to one powerful vaccine.

Immunity that lasts.

To determine how long pigs stay seropositive after vaccination, a serology study was conducted using the IDEXX *M. hyo* serology assay.

Number of Pigs Positive
– Days Post-vaccination

	28 Days	42 Days	56 Days	70 Days	85 Days
PneumoSTAR Myco-vaccinated pigs 1-mL dose (efficacy serial*)	9/10	9/10	9/10	9/10	9/10
RespiSure One®-vaccinated pigs 2-mL dose (commercial serial*)	9/10	9/10	9/10	9/10	9/10

Results show that pigs vaccinated with 1 mL PneumoSTAR Myco were seropositive through a minimum of 85 days post-vaccination.

PneumoStar Myco meets the challenge.

Efficacy studies were conducted by personnel from the Veterinary Medical Research Institute, Iowa State University, Ames:

- Pigs were vaccinated at three weeks of age with a single, one-mL dose of PneumoSTAR Myco,* while control pigs were not vaccinated.
- At 23 weeks post-vaccination, both groups were challenged by inoculation via tracheal administration and observed for 28 days until slaughter.
- At slaughter, lungs were scored for lesions – evaluators found vaccinated animals had 50 percent reduction in lung lesions vs. controls (a minimum potency efficacy serial was used).

New ImmunSTAR adjuvant provides one-shot immunity.


Newly formulated technology means better immune response:

- Water-in-oil-in-water system
- Antigen encapsulation + surface antigen
- More complete immune response
- Excellent syringeability

* Data achieved using minimum potency (antigen) efficacy serials prior to license. In comparison, commercial serials are produced with higher antigen levels.

ImmunSTAR™ Adjuvant

- Proprietary water-in-oil-in-water system
- Antigen encapsulation + surface antigen
- Enables one-shot, one-mL immunity
- New technology for more complete immune response
- Excellent syringeability



One Shot.
One mL.
One Time.



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