

RespiSure¹ONE[®]

Early. Easy. Effective.

From Day 1, RespiSure-ONE[®] offers more flexibility and the start of exceptional *M. hyopneumoniae* protection.

Now swine producers can vaccinate for mycoplasmal pneumonia when they process baby pigs. RespiSure-ONE now has new label claims – it is the only mycoplasmal pneumonia vaccine that can be given as early as Day 1. And that's important because mycoplasmal pneumonia may infect pigs within the first three weeks of life.^{1,2} RespiSure-ONE is also the only vaccine labeled to aid in reducing severity of colonization and reducing shedding of *M. hyopneumoniae*.

It can be as easy as one shot: a single dose of RespiSure-ONE, given as early as one day of age, has been shown to help provide excellent efficacy against mycoplasmal pneumonia.

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Vaccinating at processing offers both convenience and swine health benefits:

- Save time
- Save labor
- Establish earlier immunity

Reap the rewards of flexible protection:

- Helps reduce lung lesions, severity of colonization and shedding³ caused by *M. hyopneumoniae*
- Demonstrated safe in day-old pigs³
- Convenient 1-dose administration
- 25-week duration of immunity in pigs 3 to 8 days of age⁴; duration of immunity (DOI) for day-old pigs has not yet been established

RespiSure-ONE is the only one. No other vaccine is labeled for:

- Administration to baby pigs one day of age or older
- An aid in reducing severity of colonization of *M. hyopneumoniae*
- An aid in reducing shedding of *M. hyopneumoniae*

	RespiSure-ONE	Ingelvac [®] MycoFLEX [®]	M+Pac [®]
Dose	1 dose	1 dose	1 or 2 dose
Timing	Day 1 or older	3 weeks of age or older	Day 7 or older
Label claim	For vaccination of healthy swine 1 day of age or older as an aid in reducing shedding and severity of colonization of and chronic pneumonia caused by <i>M. hyopneumoniae</i> .	Recommended for the vaccination of healthy, susceptible swine 3 weeks of age or older as an aid in the reduction of enzootic pneumonia of swine caused by <i>M. hyopneumoniae</i> .	Recommended for use as an aid in prevention of pneumonia caused by <i>M. hyopneumoniae</i> in swine.
DOI data	DOI for day-old pigs not yet established: 25 weeks in pigs 7 days of age	26 weeks	4 months in pigs 6 weeks of age
Withdrawal period	21 days	21 days	21 days
Presentation sizes	50, 250 & 500 dose	50, 100 & 250 dose	50, 100 & 250 dose

Early vaccination is important.

The animal health community has long been aware that pigs may be infected with mycoplasmal pneumonia within the first three weeks of life.^{1,2} And a positive correlation has been noted between mycoplasma prevalence at weaning and respiratory disease at finishing.⁵

It is generally accepted that pigs can be effectively vaccinated in the presence of maternal antibodies to *M. hyopneumoniae*. According to a University of Minnesota study, baby pigs receive memory cells from their dam which speed response to specific antigens.⁶ These cells aid in the successful response of the immune system to mycoplasma vaccination.

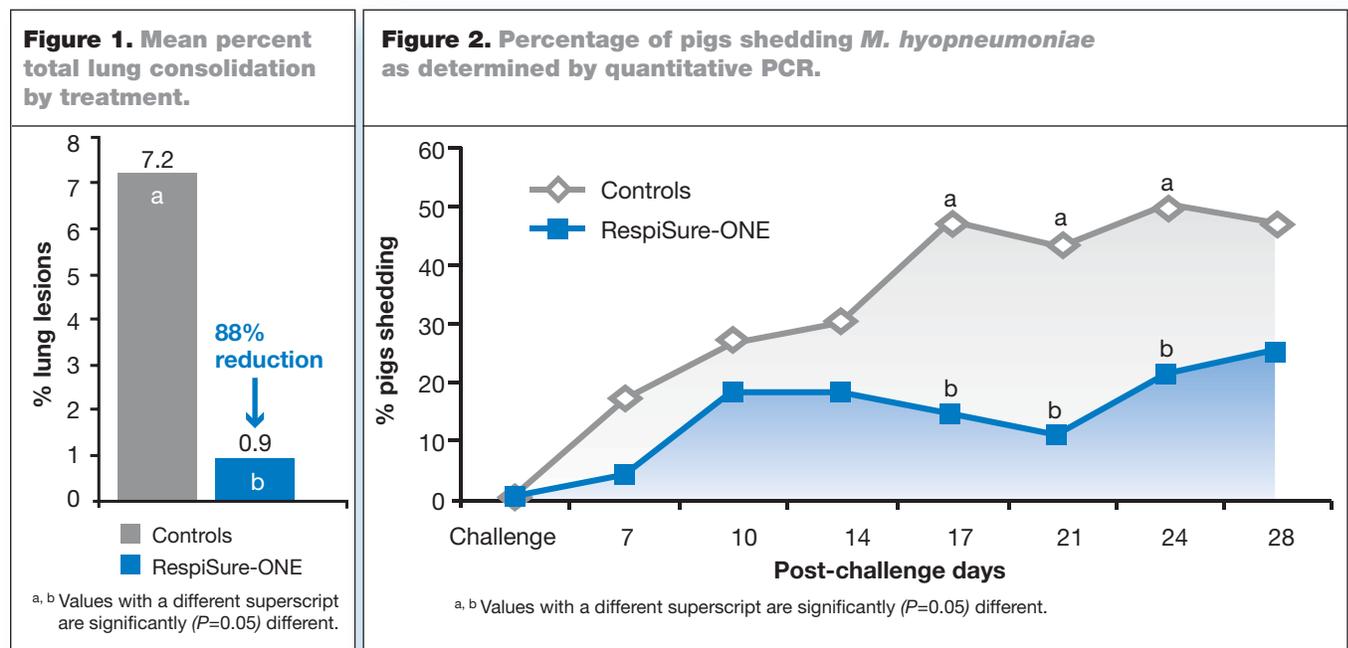
In test after test, RespiSure-ONE sets the standard:

In an efficacy challenge,³ pigs were vaccinated at Day 1 with RespiSure-ONE, and challenged at two weeks of age with *M. hyopneumoniae*. Lungs were scored 28 days later using the typical *M. hyopneumoniae* lung scoring system. When compared to saline controls, vaccinates had:

- Significantly lower mean lung consolidation scores (Figure 1)
- Lower mean concentrations of *M. hyopneumoniae* in lungs, as measured by PCR
- Significantly reduced shedding (Figure 2)

Learn more about early, easy, effective vaccination with RespiSure-ONE. For complete information about the new label claims for RespiSure-ONE, talk to your veterinarian, visit www.EarlyPigVac.com/Producers, or call 1-800-366-5288.

However you look at it, early immunity can be seen as critical to growth, feed efficiency, and strong finish weight. The evidence is there; preweaning is a good time to vaccinate.



1. Fano E, Pijoan C, Dee S, Deen J. Effect of *Mycoplasma hyopneumoniae* colonization at weaning on disease severity in growing pigs. *Can J Vet Res.* 2007;71:195-200.
2. Sibila M, Nofrarias M, Lopez-Soria S, Segales J, Riera P, Llopert D, Calsamiglia M. Exploratory field study on *Mycoplasma hyopneumoniae* infection in suckling pigs. *Vet Microbiol.* 2007;121:352-356.
3. Data on file, Study Report No. 3127R-60-07-552, Pfizer Inc.
4. Data on file, Study Report Nos. 3121C-60-99-227 and 3121C-60-99-223, Pfizer Inc.
5. Fano E, Pijoan C, Dee S. *Mycoplasma hyopneumoniae* prevalence at weaning as a predictor of the group's subsequent mycoplasma status in Proceedings. Allen D. Leman Swine Conference 2005;109-113.
6. Bandrick M, Pieters M, Pijoan C, et al. Passive transfer of maternal *Mycoplasma hyopneumoniae*-specific cellular immunity to piglets. *Clin Vaccine Immunol.* 2008;15:540-543.

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Pfizer Animal Health

www.EarlyPigVac.com/Producers

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