Watch the Cost!



Endemic Disease Silently Kills Profit



EXPOSURE to Pathogens

PRRS

Mycoplasma hyopneumoniae Swine Influenza (SIV)

LUNG DISEASE

High Levels of Pleurisy (>25%) Lung Scarring

DECREASE

ADG

Finisher sold

Kg meat produced



INCREASE

Feed costs

Time to slaughter





Blood samples for respiratory pathogens

Bioeconomic Modelling

Teagasc Pig Production Model







Per Ka

Effect on NET Profit

Lung Disease

Per Pig Per Kg

High pleurisy - €3.60 - €0.05

High Scar - €3.10 - €0.05

(When compared with low pleurisy low scar farms)

Exposure to Pathogens

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M. hyo	- €5.00	- €0.06

Per Pia

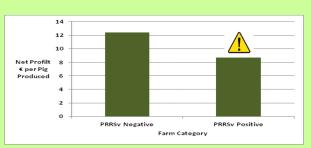
PRRSv - €3.65 - €0.05 SIV - Vac - €4.50 - €0.06

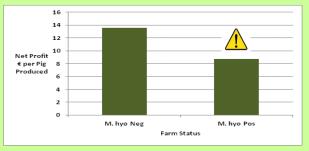
SIV- Not vac - €1.40 - €0.02

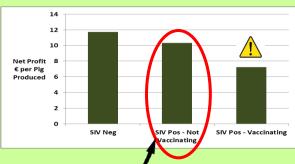
Effects on Net Profit Per Pig Lung Scores at Abattoir



Exposure to Pathogens







These farms had higher biosecurity scores

Methods Used

Measures of Disease / Exposure to pathogens

Checks on lungs at abattoir

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