



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

Farm Net Profit



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

	Per Pig	Per Kg
<i>M. hyo</i>	-€5.00	-€0.06
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
Blood samples for respiratory pathogens

Bioeconomic Modelling
Teagasc Pig Production Model



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