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Project context

Council Directive 2008/120/EC



'before carrying out tail-docking other measures are to be taken to prevent tailbiting and other vices, **taking into account environment and stocking densities**. For that reason, **inadequate environmental conditions or management systems** are to be changed'

'ensure that pigs have permanent access to a **sufficient quantity of material to enable proper investigation and manipulation activities**, such as straw, hay, wood, sawdust, mushroom compost, peat or a mixture of such ('enrichment material'), which does not compromise the health of those animals.'

- March 2016: EU commission recommendation (2016/336) on application of the 2008 Directive on tail docking
 - Staff working document developed and available to provide guidance

Current situation

- 99% of Irish pigs tail docked
 Similar figures in most European countries!
- 1. What are the concrete progress indicators for this action plan for the period 2017-2019?
 - Action plans from all MS by end Jan 2018
 - a. existing compliance with EC law
 - b. enforcement strategy
 - c. the rate of tail-docking at national level
 - d. recorded evidence at farm level of tail and ear injuries
 - e. on-farm risk assessment based on the parameters listed in Recommendation (EU) 2016/336(2)
 - f. implementation of improvement measures on farm
- 2. What specific steps have been taken by individual Member States in this regard?
 - 1. 12 MS submitted by end Jan 2018

Work to date.....

1. Survey



- 2. Compressed straw
- 3. Use of wood
 - 1. Hard soft
 - 2. Hard soft or toy

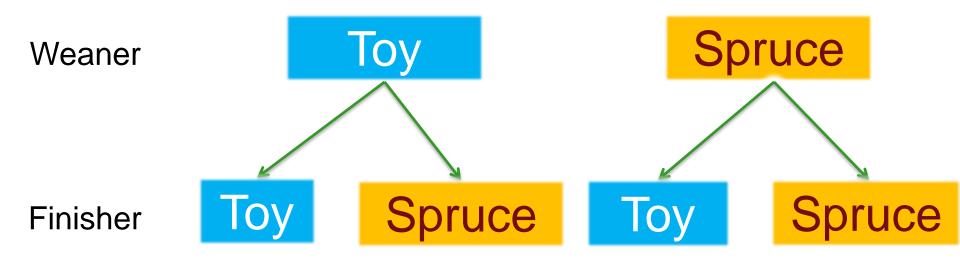






Long tails!

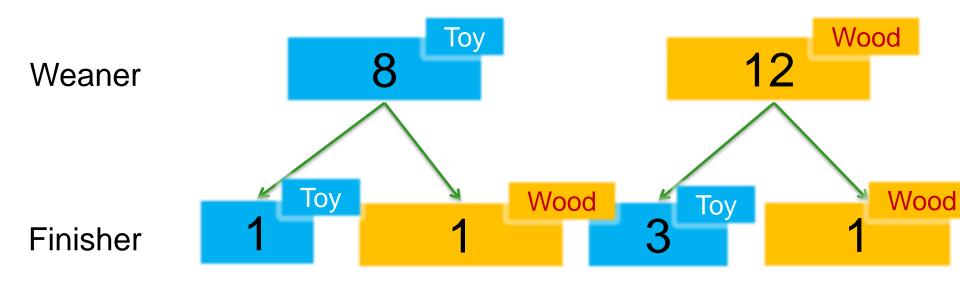
August – December 2016, 14 pigs/pen (48 pens)



	Control (%CF)	High fibre (%CF)
Weaner	3.23	6.38
Finisher	5.63	10.65

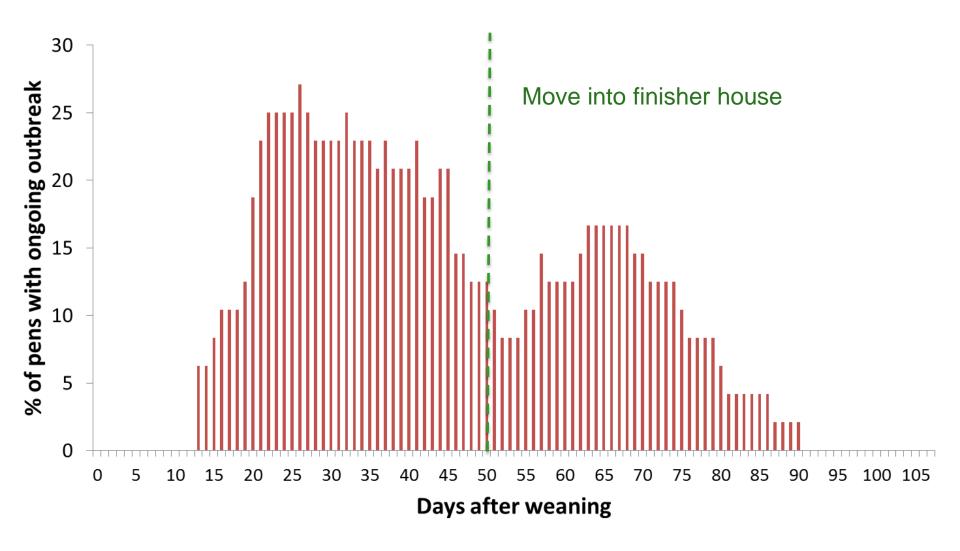
Outbreaks

20% of the pigs had fresh blood present on the tail



•	26		Control (%CF)	High fibre (%CF)
•	Hos	Weaner	8	12
		Finisher	4	2

Outbreaks



Proof of concept study

- 96 pigs (12 pigs/pen), 8 pens
- Farrow to finish





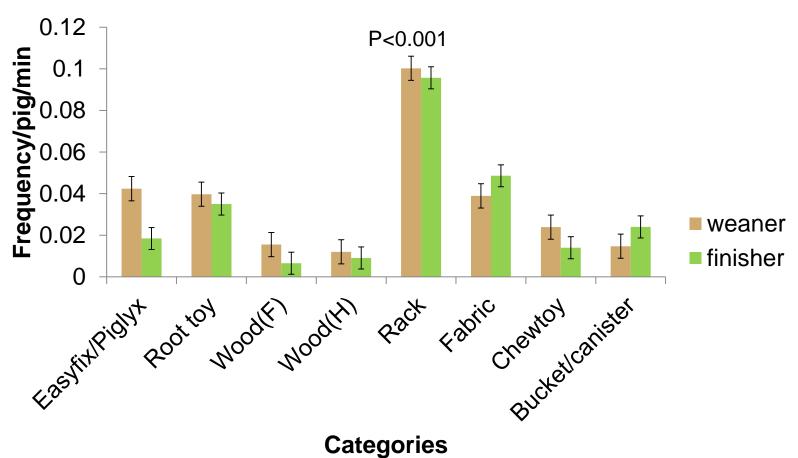


8 Enrichment Categories x 4 items

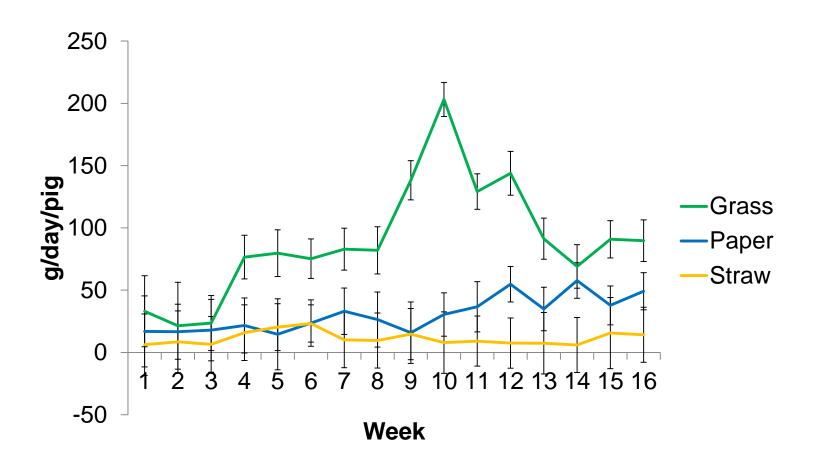
	Properties (Van De Weerd et al., 2003)					
Category	Rootable	Durable	Edible	Presentation	Texture	Location
1. Easyfix				Move	Soft	Floor
2. Root toy – floor			0	Move	Soft	Floor
3. Wood – holder				Attach	Hard	Floor
4. Wood – hang				uspend	Hard	Eye
5. Rack				Attach	Loose	Eye
6. Fabric				uspend	Soft	Eye
7. Chewtoy – hang				uspend	Soft	Eye
8. Bucket				uspend	Loose	Eye
0						



Interaction with different categories by direct observation



Different loose materials



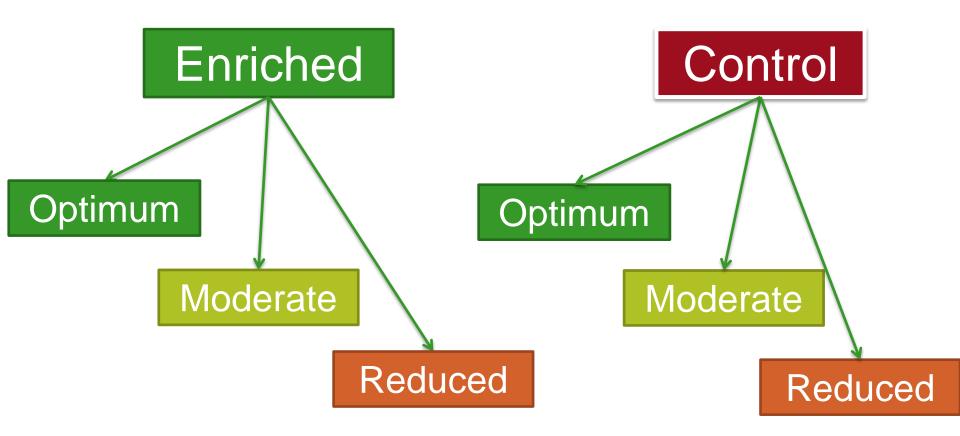
No outbreaks!!





Next step...

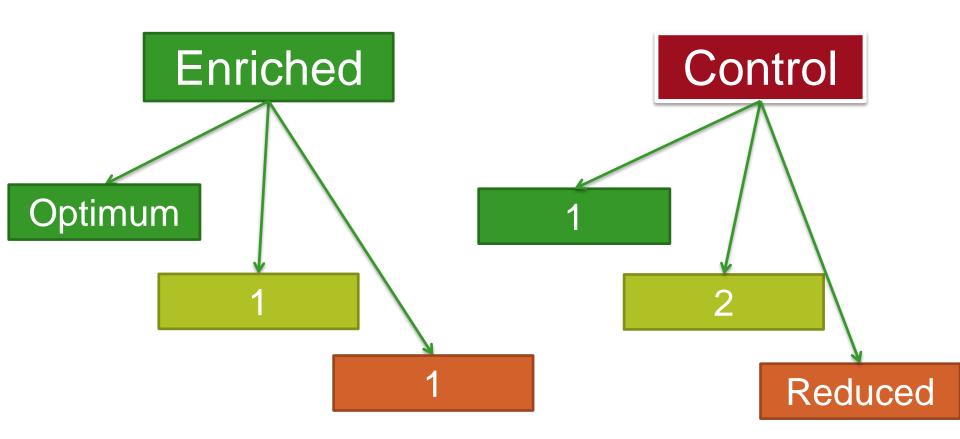
March 2018 – present





Unfortunately.....

7 weeks post weaning for first batch...





Where to next...



We need to be able to rear undocked pigs in Moorepark...

Maybe the rack is
 † important than we realised

Finnish experience:

- Reduce no pigs/pen (0.9 m² finishers since 2012)
 - Our pens = 10.02 m^2 : $12 \text{ pigs} = 0.84 \text{ m}^2$
- Reduce competition at feeder
 - Considered ↑ important factor for Finnish farmers

(Valros et al., 2015)

• Breed?

Open to suggestions!



Take home message!

- Control of tail biting outbreaks in undocked pigs is extremely difficult
- Step-by-step process of determining which methods work
 - Farm specific
- Looking like the ban on docking will enforced reasonably shortly – post 2019?

Must be addressed before it becomes a non-compliance issue!

Thanks!

- Teagasc advisory, technical and farm staff
- Constance Drique

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(Entail, 2014)