

# Production Diseases- an all-Ireland Perspective: BVD

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# AHI Business Plan

## Prioritised Diseases

BVD

Johne's Disease

IBR

Mastitis

Calf diseases

Infertility

Lameness

## Other Diseases

Parasites

Biosecurity

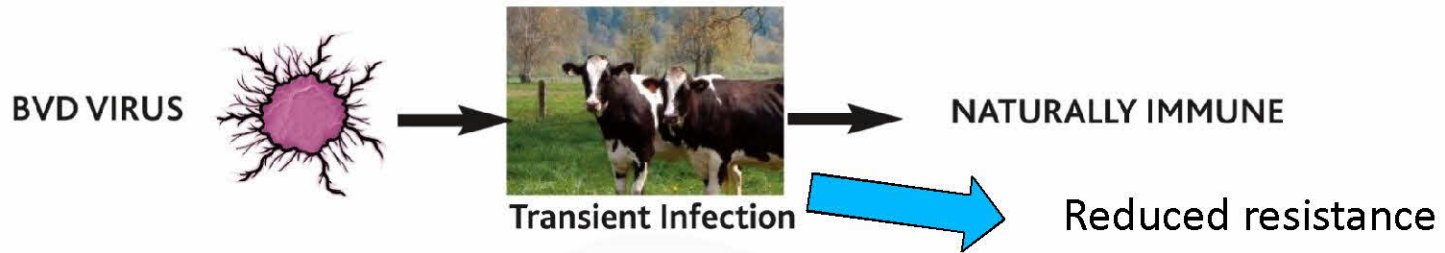
## 'Horizontal'

Research &  
Collaboration

Corporate  
development

# BVD: The Facts

## The Effects of BVD Infection



Insemination

Period of Gestation

Calving

Month 1

Month 2-4

Month 5-9



Embryo Death



Persistent infection



Abortion



Deformities

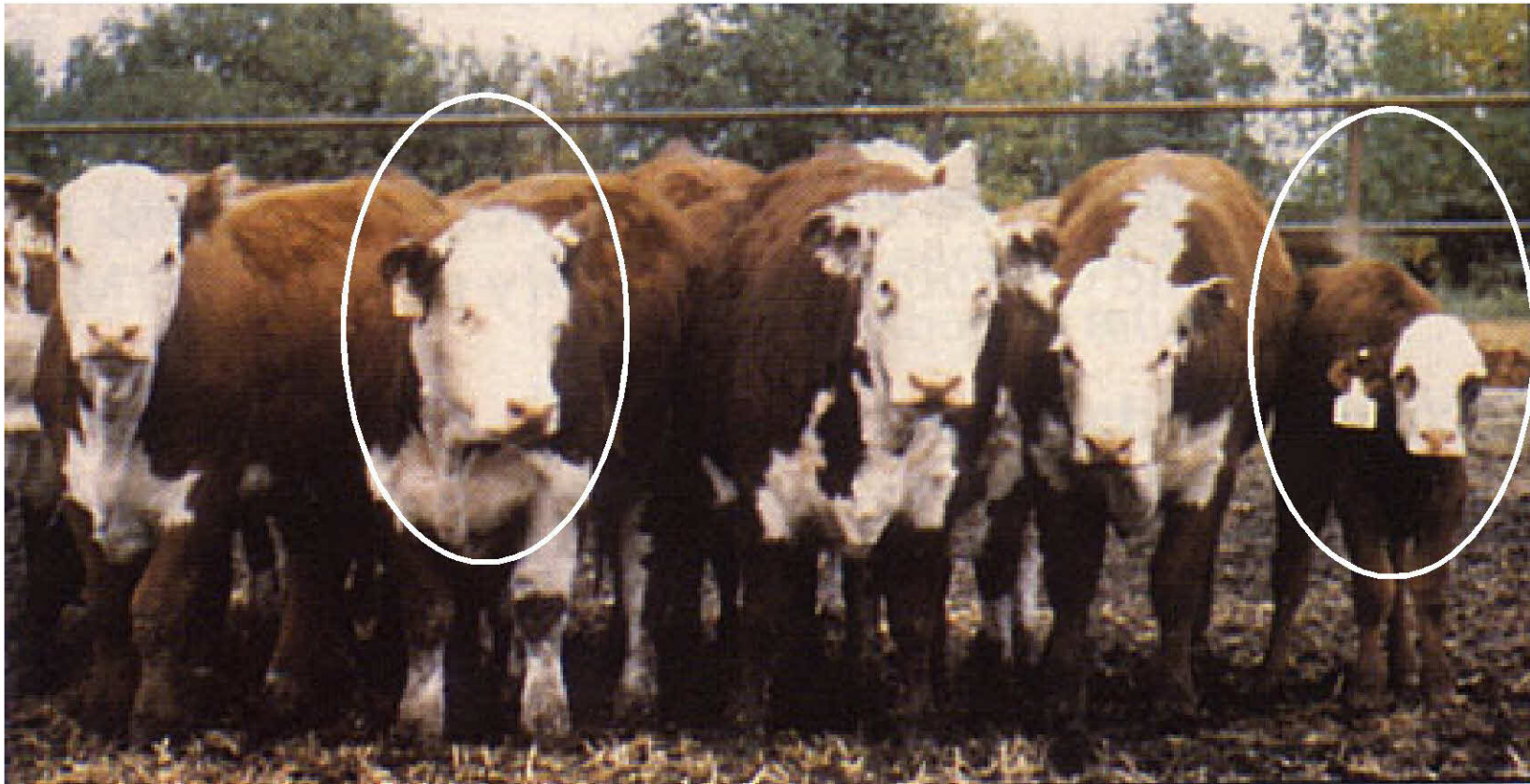


Normal Calves

Mucosal disease

# THE CLASSIC BVD QUIZ

Spot the PI amongst this group of heifers:



Should instead be:

Spot **both BVD PI carriers.**

John Pickering NZ

# BIOSECURITY

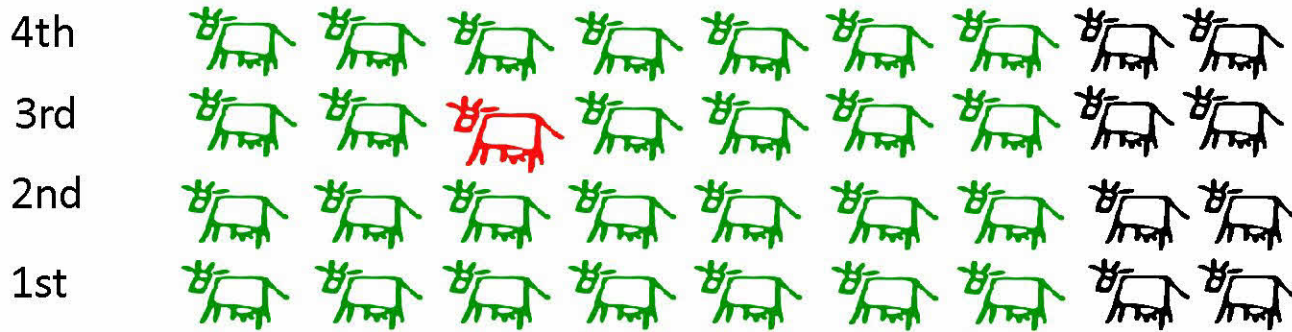
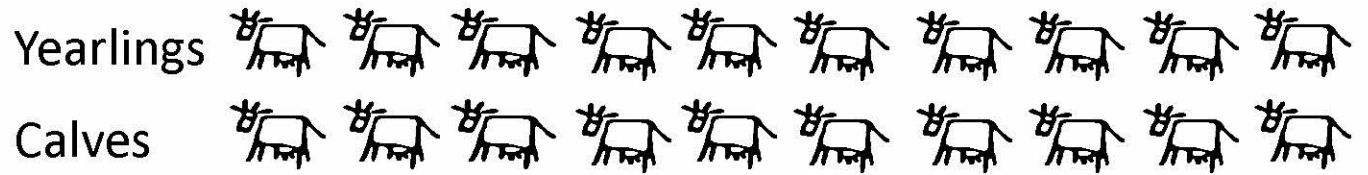
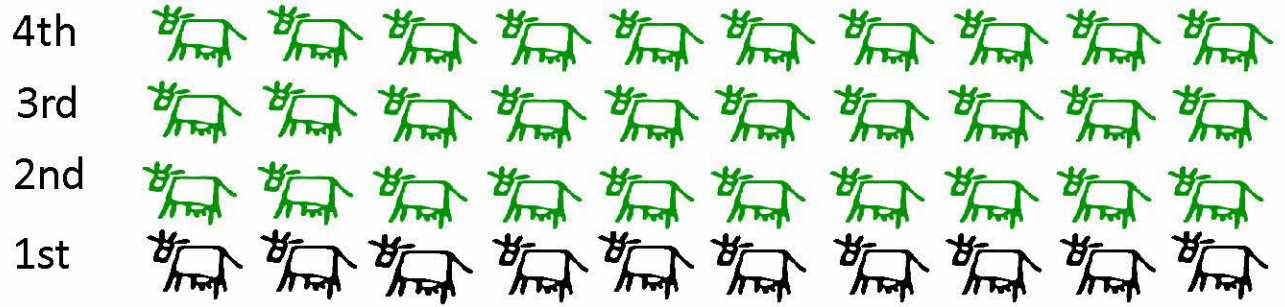
## ❖ RISKS

- Purchase
  - PI
  - Trojan horse
- Contact
  - Boundary contact
  - Shows and sales
  - Break in/out
- Visitors

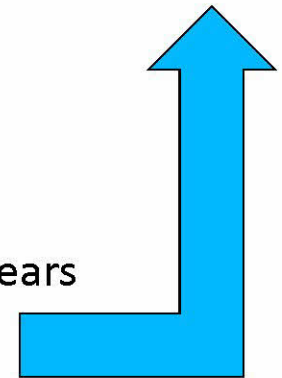
## ❖ CONTROLS

- Pre-purchase test
  - Sales declaration
  - Accredited source
- Post purchase test
  - In calf?
    - Screen new-born
- Provide protective equipment
- Vaccinate
  - Insurance
  - Risk management

ROLE OF VACCINE



3 years




Yearlings



Calves



# BETTER FARM 16 HERDS ( RANGE 32-125 COWS)

Herd	Herd size	No. PI's	Age of PI's
1	80 cows	3	3 Calves
2	80 cows	3	2 Yearling Heifers 1 Calf
3	75 cows	2	1 Cow & Her Calf (cow had been bought in)
4			All Calves (calves all born Oct/Nov 09 tested Feb 10)
5			1 (15-18mth old Heifer) Bought in as a bulling Heifer
6			7 yearlings 1 (14mth old) 2 Cows
7			3 Calves (all from bought in cows that were in calf)

