

THE IMPORTANCE OF COMPLIANCE IN ERADICATING BVD

By

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Farm Health Planning – Coordinated by the Cattle Health and Welfare Group
and British Cattle Veterinary Association



GALEDIN VETERINARY



- Formed in February 2015
- Merlin Vet Group & RentonSwan Vets
- 31 Vets
- 14 Livestock Vets
- North Northumberland, Scottish Borders & East Lothian

Agenda

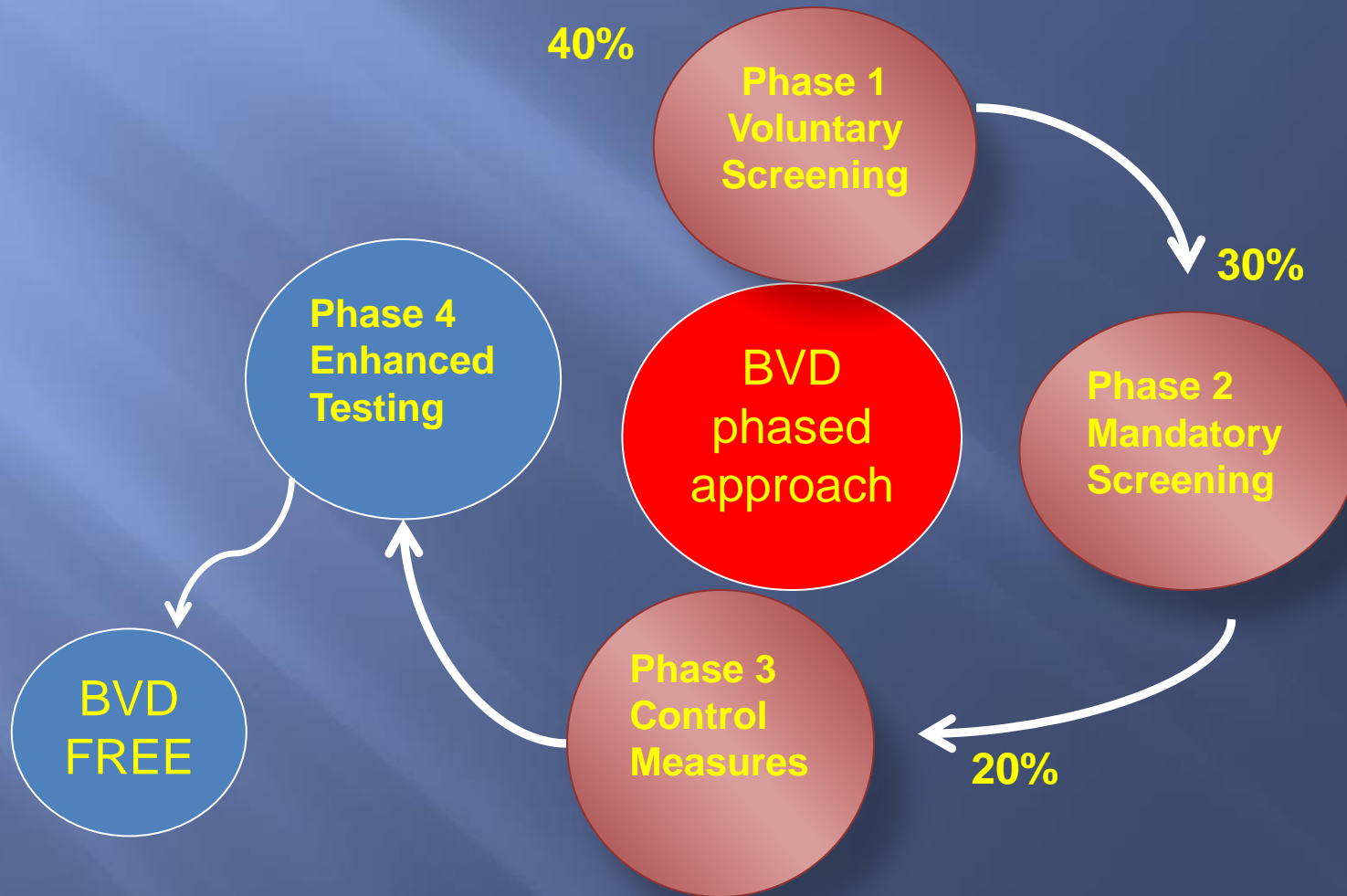
- BVD virus
- Scottish BVD eradication scheme
- Experiences of BVD control at New Heaton Farm
- Take Home Messages for BVD control

BVD virus

- Bovine Viral Diarrhoea
- Cost **£50 – 75** million per year
- **90%** UK herds exposed
- Cost **£50-100** per breeding animal
- Economic Impacts
- Lower fertility
- Increased abortions
- Deformed calves
- Reduced growth rates
- Reduced milk yields
- Greater susceptibility to diseases



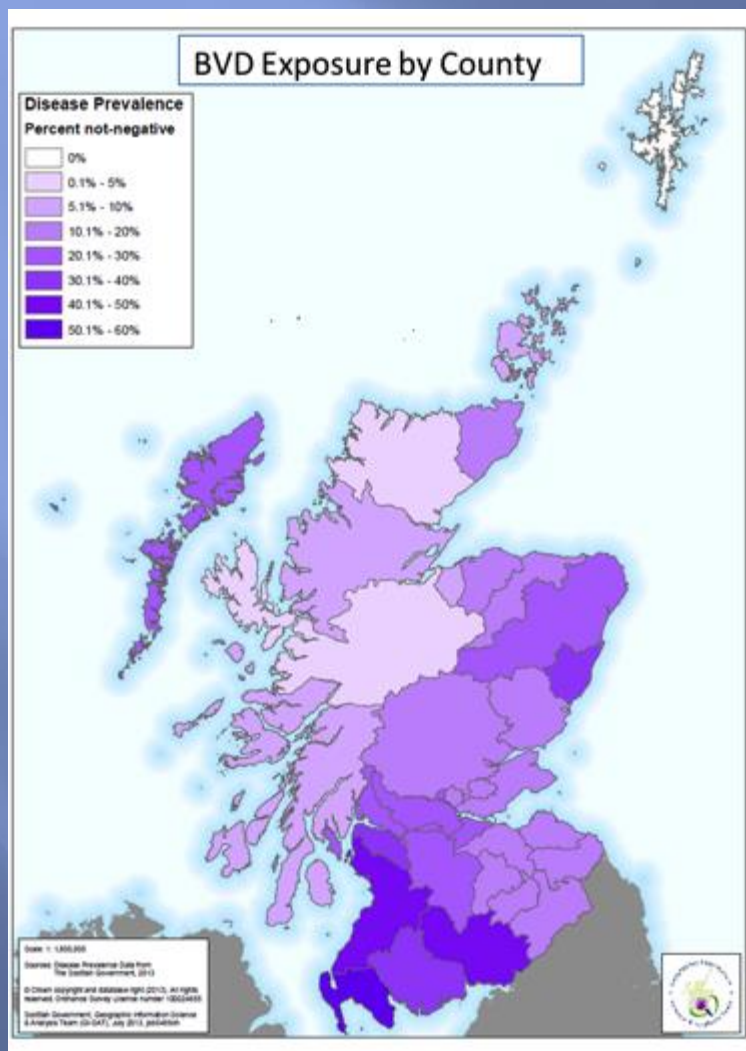
The Scottish BVD eradication scheme



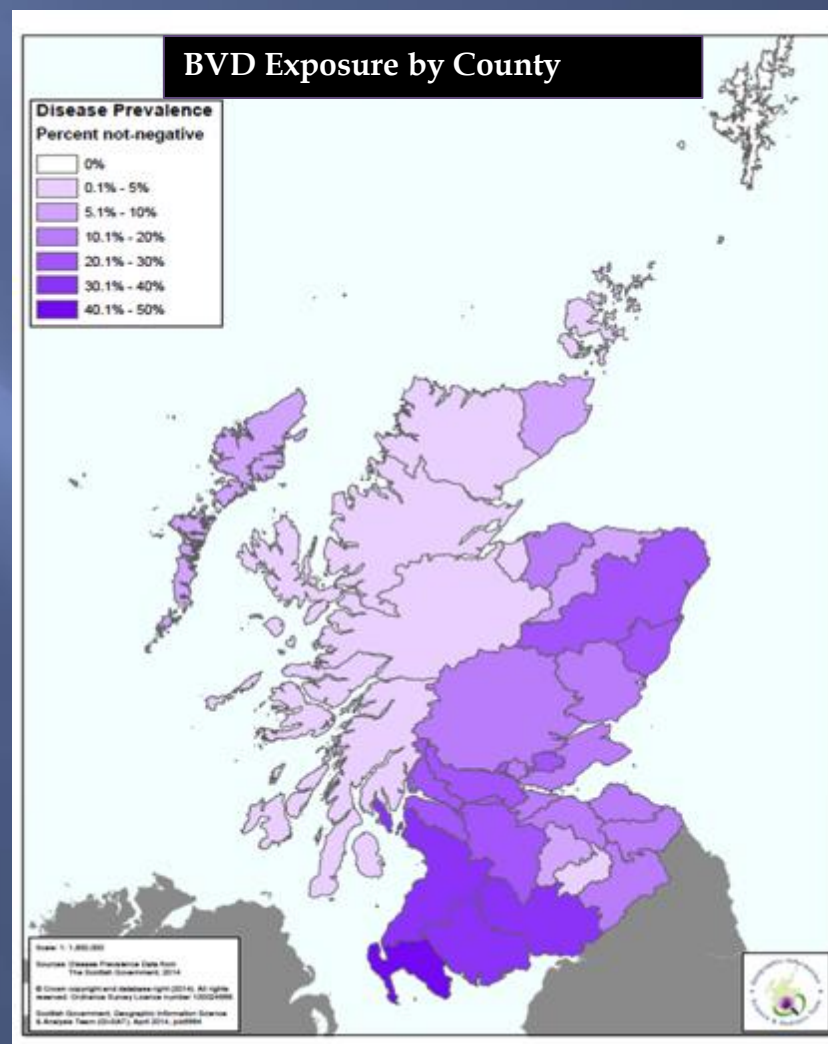
Phase 4: Headline changes – June 2015

- **Not-negative herds become restricted**
- **In negative herds testing of replacement animals from not-negative herds mandatory**
- **Change to year round dairy herd check test**
- **Bulk milk antibody testing withdrawn**

BVD exposure - Scotland



2013



2014

New Heaton Farm



BVD issues?



BVD timeline

- ▣ **2005** – farm believed to be BVD free
- ▣ **Feb 2006** – BVD Antibody positive in young stock screen
- ▣ **August 2006** – BVD virus positive blood samples in young stock
- ▣ **September 2006** – Began eradication programme with PCHS
- **2007 - 08** – young stock blood screens but no PIs found
- **Jan 2009** – achieved BVD accredited free status
- **March 2011** – still BVD accredited free
- **August 2011** – Bulk milk BVD antibody levels increased
- **April 2012** – High bulk milk BVD antibodies
- **April 2013** – BVD PIs found

What we did to help

BVD TISSUE TAG TESTS



BULK TANK BVD VIRUS



Take Home Messages

VACCINE COMPLIANCE



BIO-SECURITY



Key Messages - BVD control

- **Planning** – consult your vet on how to control BVD



- **Investigations** – know your BVD status

- **Controlling** – buy only BVD free animals
Cull PI animals
Vaccinate

- Monitor** – check your BVD status at least annually