

Llywodraeth Cymru
Welsh Government

www.cymru.gov.uk

Y Frwydr Yn Erbyn TB (The Battle Against TB)

NFU bovine TB science - A farmer-scientist conversation

Professor Christianne Glossop
17th November 2014



TB Eradication - the battle in Wales

Keep it
out

Find it
fast

Stop it
spreading

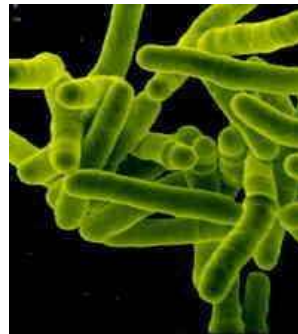
Stamp it
out

➤ FIND, FIX, STRIKE, EXPLOIT!

(Brigadier Rick Libbey, 160 Brigade Welsh Regiment)

- Back to basics
- Tackle all sources of infection
- Ensure policy is fit for purpose and delivered properly
- Exploit fully all the lessons learned already
- Embrace new technologies as they emerge
- Know the enemy - understand the location and nature of the battle

➤ NB: the enemy is *Mycobacterium bovis*



TB Eradication - the battle in Wales

Keep it out

- Biosecurity
- Understanding the risk factors

IAA

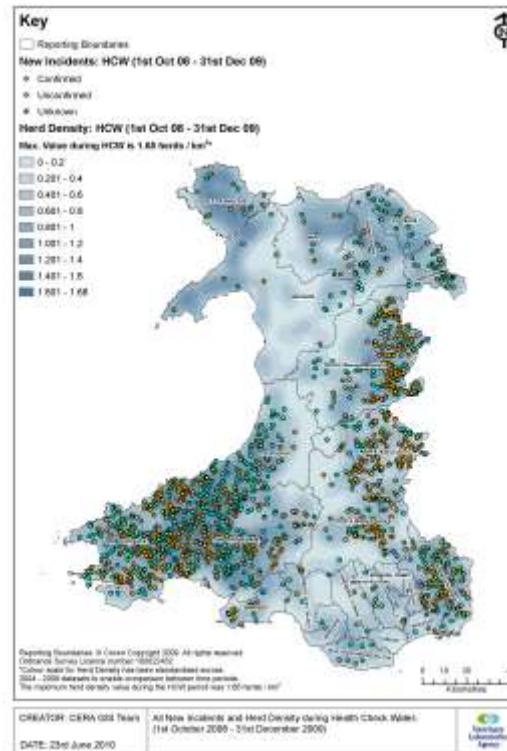
- 2.5% national herd
- 14% annual compensation bill
- 1 in 4 farms under TB restrictions
- 3 in 4 farms OTF
- “Gem herds”



TB Eradication - the battle in Wales

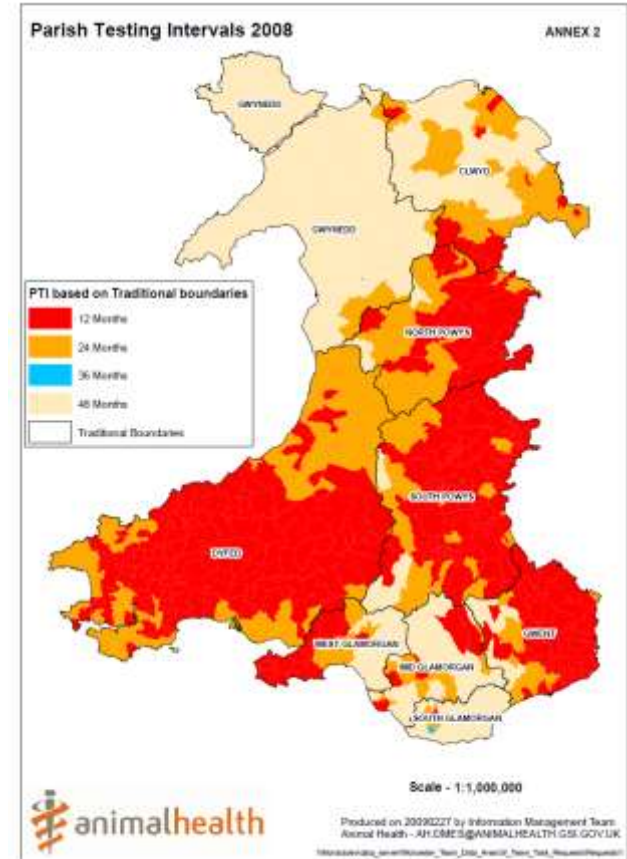
Keep it out

Find it fast



TB Health Check Wales (Oct'08-Dec'09)

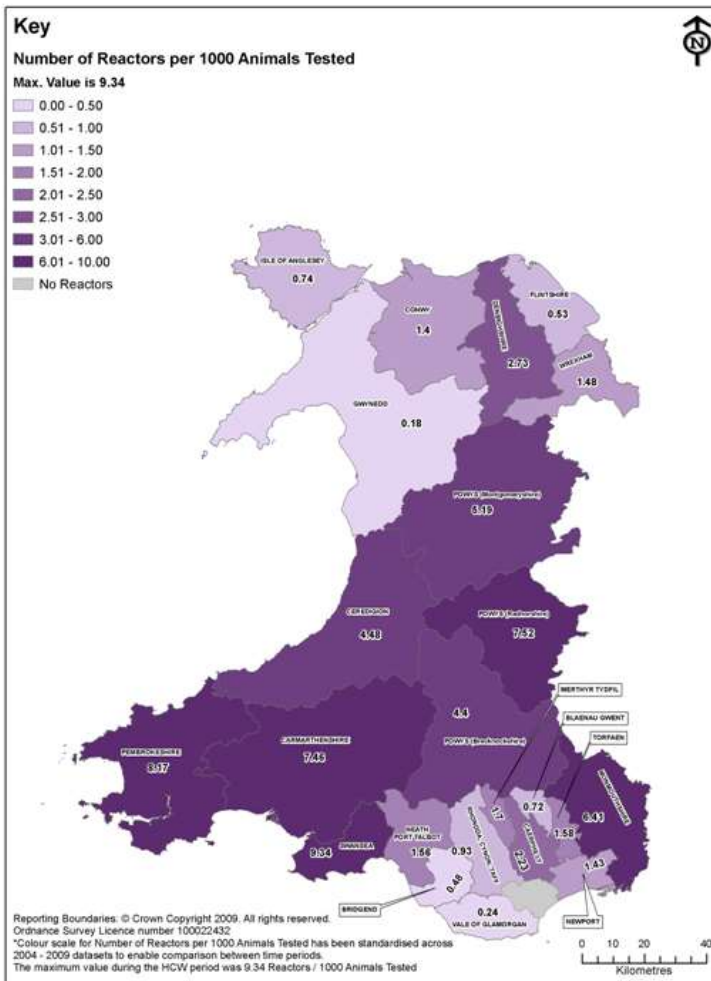
- Oct 2008-Dec 2009
- 3,967 additional tests
- 103 additional breakdowns
- Cost - +£1.78m
- 711 overdue tests



Testing intervals in 2008

- 27% herds 4-yearly
- 21% 2-yearly
- 52% annual testing

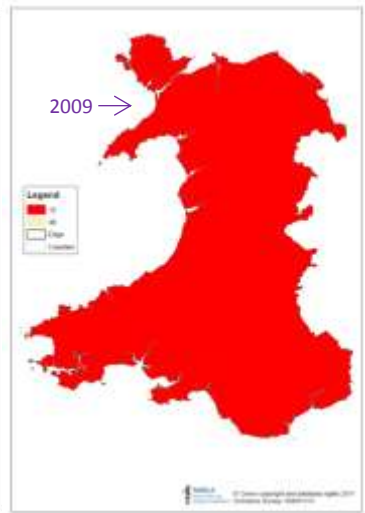
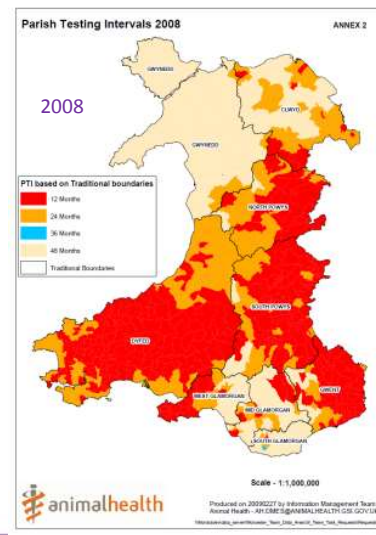
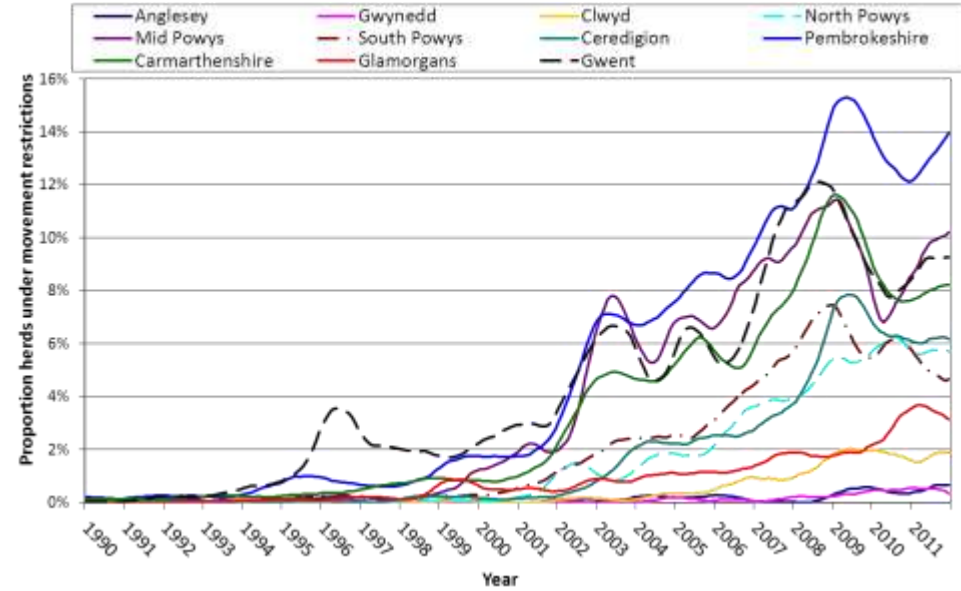
TB Eradication - the battle in Wales



CREATOR: CERA GIS Team
DATE: 22nd June 2010

Number of Reactors per 1000 Animals Tested during Health Check Wales (HCW) 1st Oct 08 - 31st Dec 09.

Veterinary Laboratories Agency



TB Eradication - the battle in Wales

Keep it out

Find it fast

Stop it spreading



- Herd health planning
- Movement restrictions
- Pre movement testing
- Risk based trading

TB Eradication - the battle in Wales

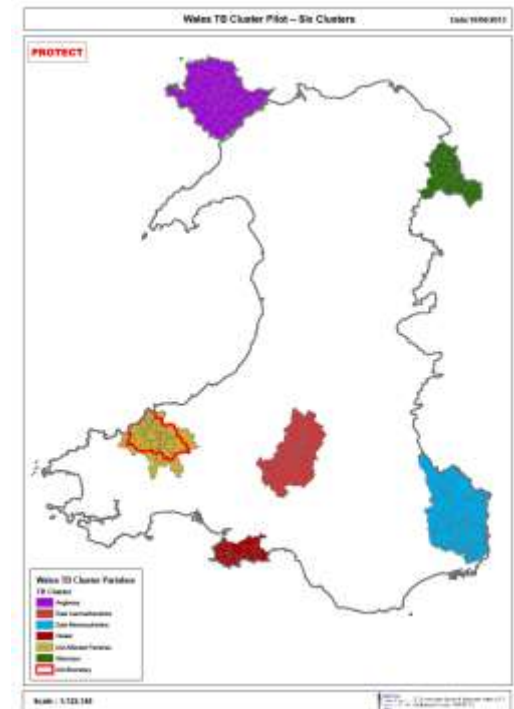
Keep it out

Find it fast

Stop it spreading

Stamp it out

- Treat TB as an infectious disease
- Understanding the epidemic
- Full engagement of the private vet
- Identify “high risk herds”
- Effective TB breakdown management
- Concentrated effort on persistent herd breakdowns
- Rapid identification and removal of reactors
- Proper isolation, C and D
- Increased understanding of the wildlife contribution

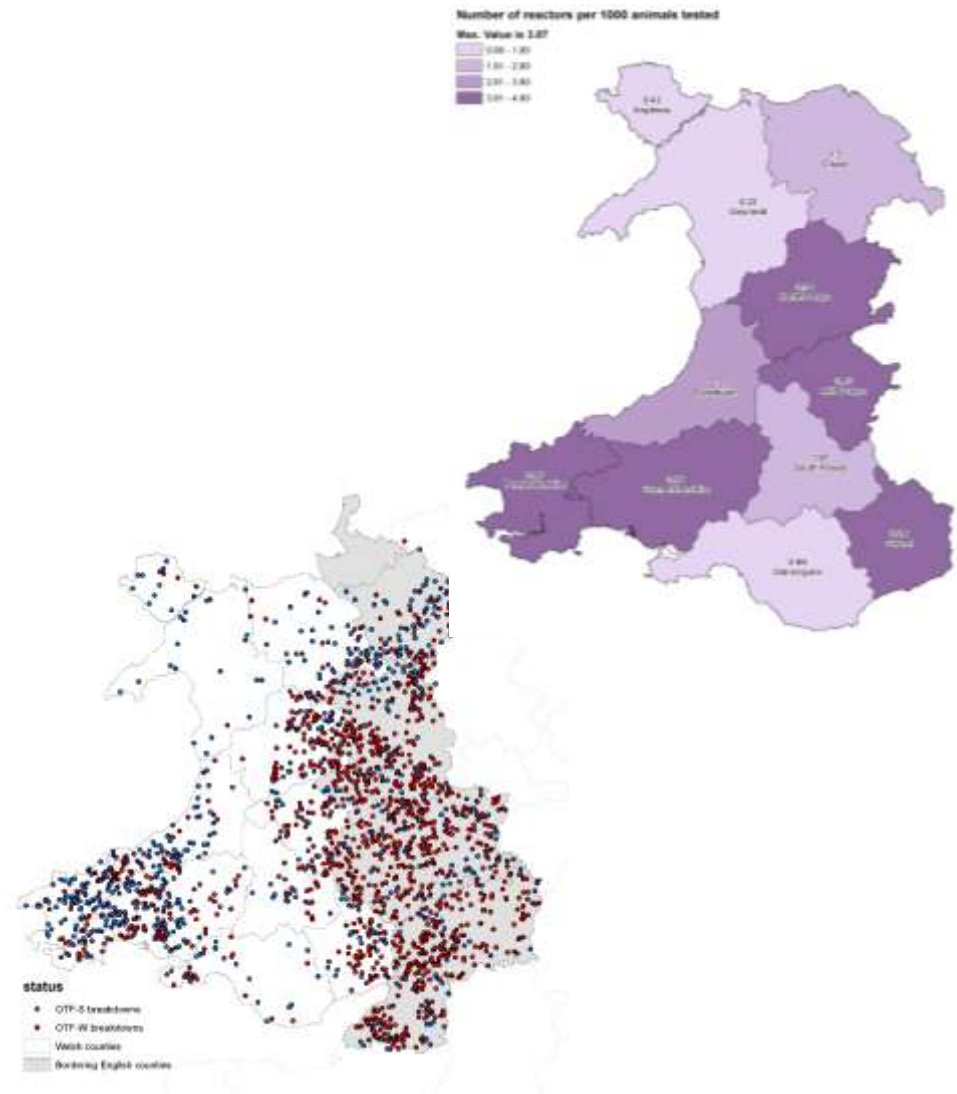


TB Eradication - the battle in Wales

Year	TB incidents	Cattle culled
2008	1,198	11,401
2009	1,186	11,671
2010	1,039	7,619
2011	1,045	8,068
2012	1,113	9,287
2013	871	6,102

2013

- 5% herds under TB restrictions in Dec
- Mean duration of breakdown - 311 days (longest 11 years)



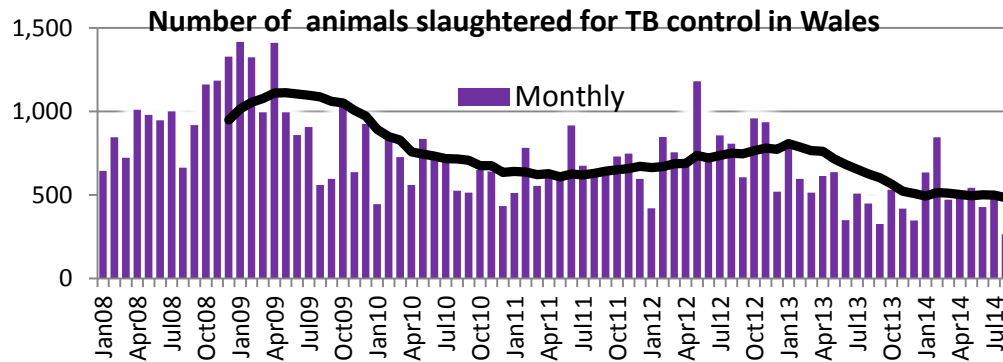
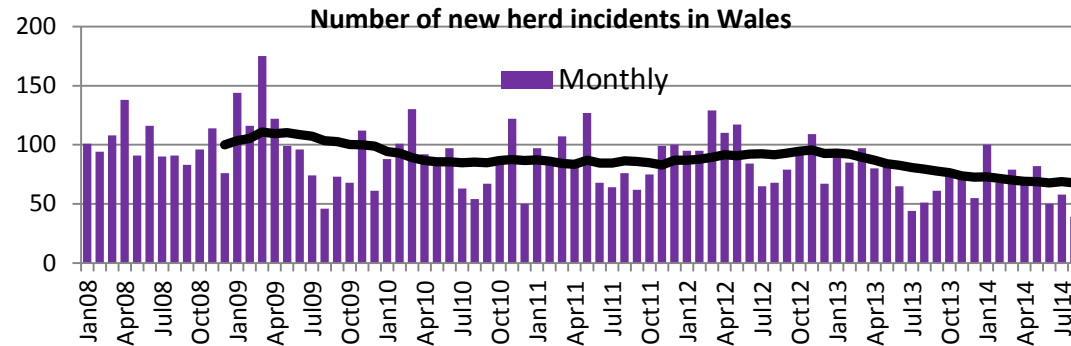
Data source: Epidemiology of bovine tuberculosis in Wales, Annual Surveillance report, Jan-Dec 2013

TB Eradication - the battle in Wales

	Sept'12-Aug'13	Sept'13-Aug'14	
New TB BDs	952	814	-15%
Cattle culled	7502	5800	-23%

TB indicators

- Incidence
- Cattle slaughtered
- Persistence
- Recurrence



The battle in Wales - where do we go from here?

- TB eradication in cattle is an ambitious, achievable long-term objective
- Continue with comprehensive package of measures aimed at tackling all sources of infection
- Progressive ramping up of all measures
- Need to use every tool in the box
- Honesty and co-operation





Llywodraeth Cymru
Welsh Government

www.cymru.gov.uk

Eradicate TB - once and for all!

Cael gwared a TB, unwaith ac am byth!

