



**Ministry of Agriculture
Veterinary and Food Safety Directorate**

A photograph of two black and white cows standing in a snowy field. The cow on the right is larger and has yellow ear tags. The cow on the left is smaller. The background is a blurred snowy landscape.

2014 Eradication Programme for Bovine Brucellosis CROATIA

**Standing Committee on Plants, Animals and Food
and Feed (SCoPAFF)**

June 2015



MAIN MEASURES IN 2014

Maintenance and granting of OBF status

- Last confirmed infection with *Brucella abortus* in Croatia was in **1965**
- Officially free status is retained by annual serological testing of all breeding animals in OBF herds
- OBF status granted after 2 negative serological tests, according to Directive 64/432/EEC
- Laboratory investigation of all reported abortions in bovine animals (reporting abortions is mandatory)

Premovement testing

- Whole country – premovement testing of breeding animals older than 12 months (within 30 days)



MAIN MEASURES IN 2014

Suspicion on bovine brucellosis

- In case of positive RBT, blood samples are tested again in NRL (CVI Zagreb) with: repeated **RBT, CFT, cELISA, iELISA**
- Animals positive on CFT, iELISA or cELISA slaughtered and sampled for bacteriological examination or in case of clear herd history retested after 45 days.

Confirmed bovine brucellosis

- Isolation and identification of *Brucella abortus* – **no positive findings** (*last outbreak 1965*)



RESULTS IN 2014

	Total herds	Tested (%)	Positive herds	Total bovines	Tested (breeding, > 12 months)	Positive animals
2014	34 399	29686 (86,3 %)	4 (0,01 %)	458 976	265005	8 (0,001%)

Laboratory investigation of abortions:

- Number of reported abortions: 1351
- Bacteriologically investigated samples: 391
- *Brucella sp.* was not isolated



RESULTS IN 2014

Positive herds and animals 2014:

4 herds (8 animals) located in 3 counties.

All were officially free herds with no previous cases of serologically positive animals, without clinical signs or abortions.





RESULTS IN 2014

County	Number of animals tested in the herd	Number of positive animals	Results
Zagreb county	118	3	Animals slaughtered, bacteriological investigation negative
Požega-slavonia county	285	3	-II-
Osijek-baranja county	150	1	-II-
Osijek-baranja county	14	1	Animal retested after 45 days, negative



PROGRAMME IN 2014

- All measures financed from the state budget
- Sampling performed by authorised veterinarians
- Laboratory testing is performed by the Croatian veterinary institute
- Controlled by CA (Veterinary inspection) on the field
(Control: measures, annual veterinary check of the farms, I & R)
- Costs of National Bovine brucellosis programme in 2014 was app. **1.9 mil €**



OFFICIALLY FREE HERDS

- December 31st 2014
 - **96,95 %**

2015

- Expected to get overall level of at least 99.8% of OBF herds in the whole country, on December 31
- In 2015 **brucelin skin testing** has been performed in all serologically positive animals – until now testing performed in 6 herds – all negative



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Thank you for your attention!