

The national BKD eradication programme of Finland

Standing Committee of the Food Chain and Animal Health/Animal Health and Welfare

5.10.2011



History

- Notifiable since 1980's
- First diagnosed in Finland 1989 in the coastal area
- First found in the continental area in 1997
- Since 2003 mandatory restrictions only in the continental area



Year	Laboratory samples Farms/fish	Positive farms		
		Coastal area	Continenta area	Rivers with anadromous fish
2000	76/2965	6		
2001	84/3808	13	4	1
2002	94/5997	15	5	1
2003	138/9623	3	2	
2004	101/7821	2	2	1
2005	92/ 8789	3	5	
2006	110/7778	1	7	
2007	84/7299	2	2	
2008	80 / 4375	4	7	
2009	102/9625	3	6	
2010	80/5164	4	4	



Programme until 2011

- Mandatory monitoring in the continental area (60 fish from every brood fish farm or hatchery)
- Disease outbreaks in the coastal area lead to investigations of continental contacts
- Infected farms were restricted and could only sell live fish or eggs to the coastal area



Evaluation of the programme 2010 (Evira)

- Main conclusions:
 - current programme not effective (nr of infected farms increasing)
 - mandatory programme necessary to preserve valuable wild salmon stock
 - monitoring and eradication efforts must be stepped up



Actions taken in 2011

- 13 important brood fish farms were selected for intensified monitoring -no new cases found
- However three new infected farms were found outside the intensified monitoring programme
- In these cases no source of infection could be identified: environmental contamination?



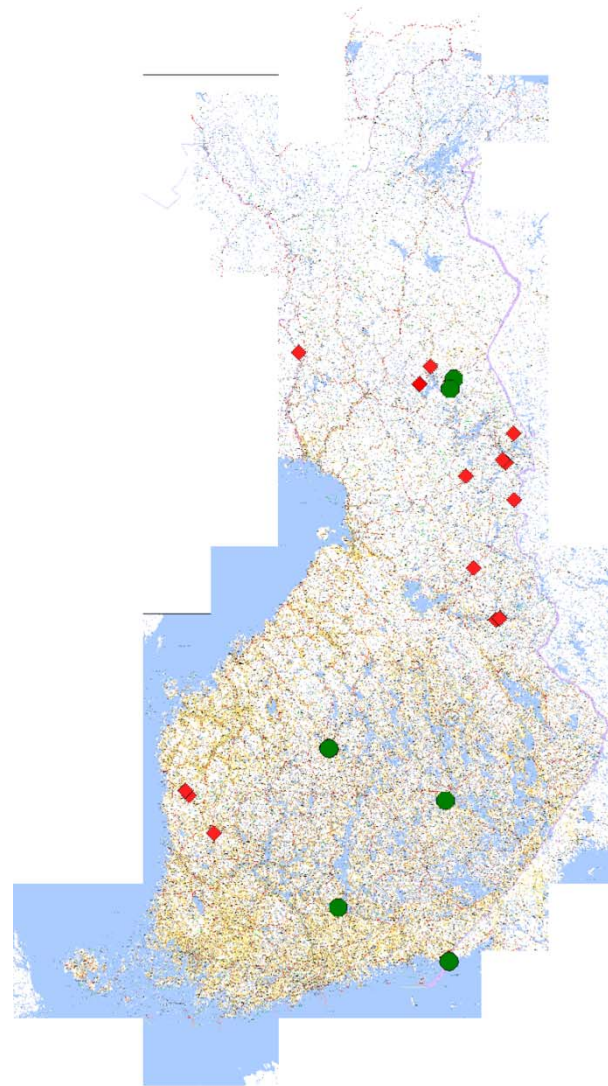
Current situation

-We have restrictions in 27 fish farms due to BKD

-Of these 7/27 are not operating anymore but still under restrictions

-It leaves us 20 positive operating farms

-Six of these farms (green dots) farms are eradicating BKD at the moment



Map 1. 20 positive BKD farms that operate at the moment



Actions taken in 2011

- Stakeholder meeting in September 2011 recommended limiting the mandatory programme to smaller area and stepping up eradication efforts in that area
- New area includes the most important brood fish farms and valuable wild stocks (landlocked salmon, Tenojoki salmon, Arctic charr)



Actions taken in 2011

- No suspicions of environmental contamination in new mandatory area
- A voluntary programme will be set up for farms outside the mandatory programme area



