

Koi Herpesvirus – situation in Germany

SCOFCAH Brussels 5-6 July 2007

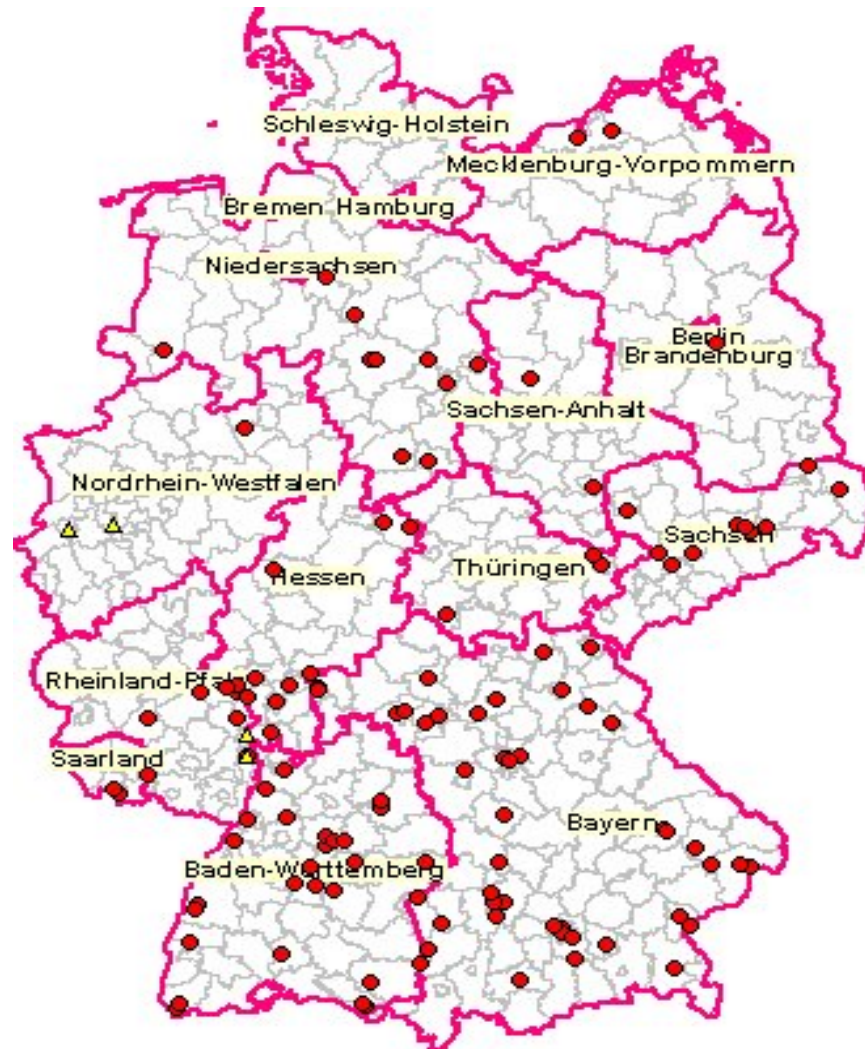


Koi Herpesvirus infections in Germany in 2006



49 cases

Koi Herpesvirus infections in Germany in 2007 (as of June 28th 2007)



120 cases

Koi Herpesvirus infections 2006

Land	Jan	Feb	Mrz	Apr	Mai	Jun	1.H	Jul	Aug	Sep	Okt	Nov	Dez	Jahr
Schlesw.-Holst.								4						4
Hamburg, Stadt														
Niedersachsen					1		1							1
Bremen														
Nordrh.-Westf.				1	1	4	6	2	1					9
Hessen								1	1					2
Rheinland-Pfalz								2						2
Baden-Wuerttbg.								3						3
Bayern			1			1	2	4	3		1			10
Saarland														
Berlin, Stadt											1			1
Brandenburg								2	1					3
Mecklenb.-Vorp.								4						4
Sachsen								6	1					7
Sachsen-Anhalt					1		1							1
Thueringen								1		1				2
Bundesrepublik			1	1	3	5	10	29	7	1	2			49

Koi Herpesvirus infections 2007

as of 28.06.2007

Land	Jan	Feb	Mrz	Apr	Mai	Jun	1.H
Schlesw.-Holst.							
Hamburg,Stadt							
Niedersachsen				1	4	5	10
Bremen							
Nordrh.-Westf.						1	1
Hessen					5	3	8
Rheinland-Pfalz					2	6	8
Baden-Wuerttbg.					15	11	26
Bayern					27	19	46
Saarland					2	1	3
Berlin,Stadt	1						1
Brandenburg		1					1
Mecklenb.-Vorp.						2	2
Sachsen					5	4	9
Sachsen-Anhalt					2		2
<u>Thueringen</u>					1	2	3
Bundesrepublik	1	1		1	63	54	120

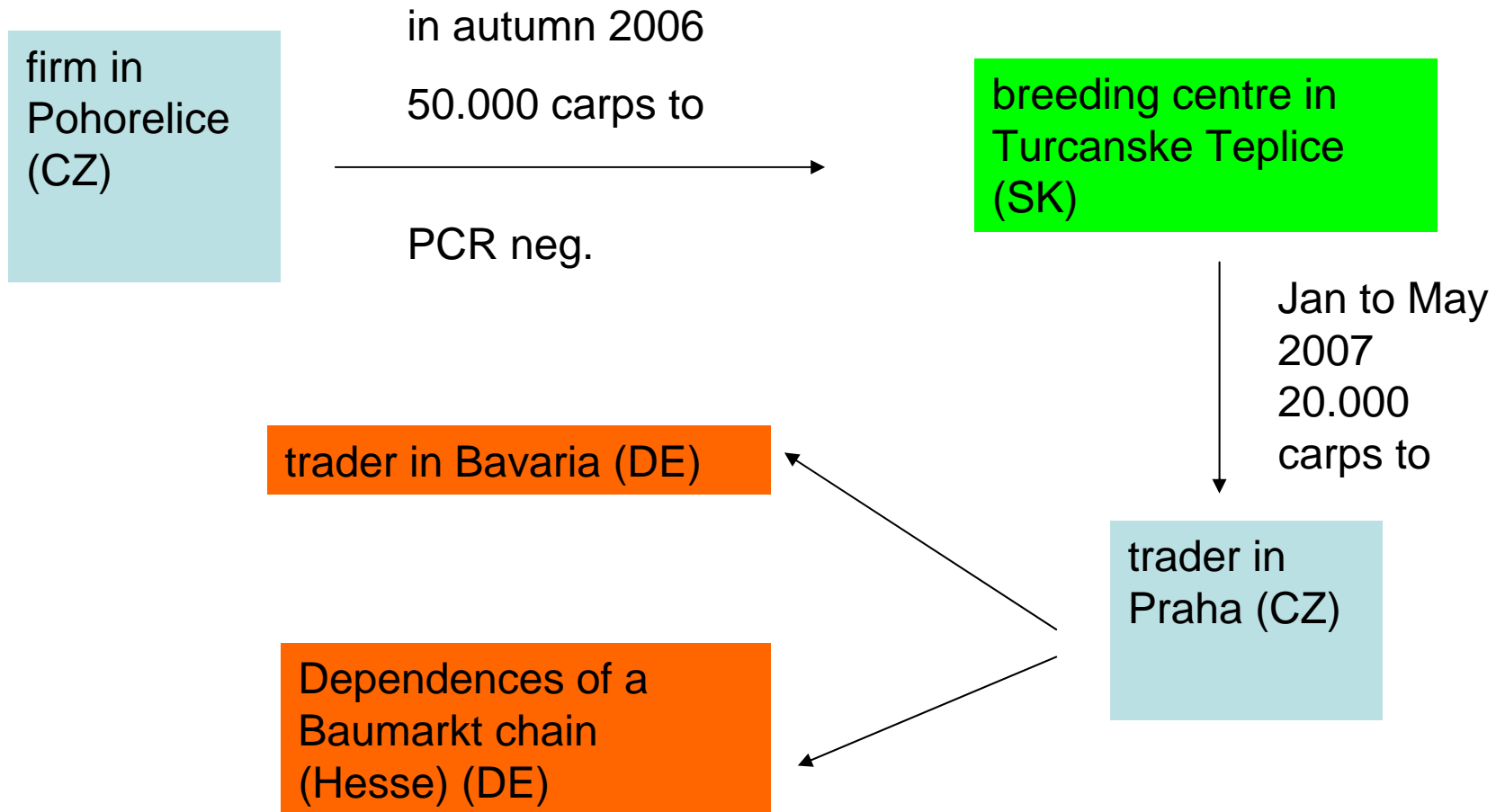
problems caused by trade ???

- in April 2007 detection of KHV by RT-PCR in koi carps imported from **Israel**
- carps were vaccinated in Israel with live vaccine KV 3 (Kovax/IL), marker vaccine ???
- no clinical/ pathological-anatomical signs
- no possibility to differentiate between field and vaccine virus (no primers available from Israel)
- vaccine not approved in Germany, thus revaccination not possible, (duration of protection from Isr.-vaccination 18 months ???)

- import of coi carps from **Malaysia** (no clinical signs)

- carps received from a **CZ** company tested positive for KHV in June, subsequent return of all koi carps sent to Germany by the CZ company

ways of trade from CZ



open questions

- What about positive results in PCR without clinical symptoms in vaccinated carps?
- How to differentiate between field and vaccine virus?
- Compulsory notification in clinical healthy animals?
- Import conditions/isolation with lab testing?
- Vaccination is not taken in consideration in the import conditions?

Thank you for your attention!

