

# Network of advisory services to improve the health of dairy cows in Baden-Württemberg

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# Baden-Württemberg South-West of Germany

## Milk Recording Organisation (LKV) Baden-Württemberg

- ▶ Farms: 5 925
- ▶ Dairy cows: 293 852
- ▶ Herd size: 50

## Bund praktizierender Tierärzte (BpT) Baden-Württemberg

- ▶ Veterinary practices: 450

Excellent cooperation  
between  
(BpT) und LKV BW



# Health monitoring of dairy herds in Baden-Württemberg (I)

## Joint initiative of BpT und LKV BW (2010)

- ▶ Recording and storage of veterinary diagnoses
- ▶ Recording and storage of observations from farmers
- ▶ Link of animal health data and performance data
- ▶ Software development for farmers and vets by the RDV
- ▶ Data use for herd management and animal breeding

## Joint initiative of BpT und LKV BW (2013)

- ▶ Formation of an advisory service network

# Health monitoring of dairy herds in Baden-Württemberg (II)

## Participation (2014)

- ▶ Farms: 1 000
- ▶ Dairy cows: 60 000
- ▶ Cattle: 54 000
- ▶ Diagnoses: >250 000
- ▶ Veterinary practices: 155



# Health monitoring of dairy herds in Baden-Württemberg (III)

## First results:

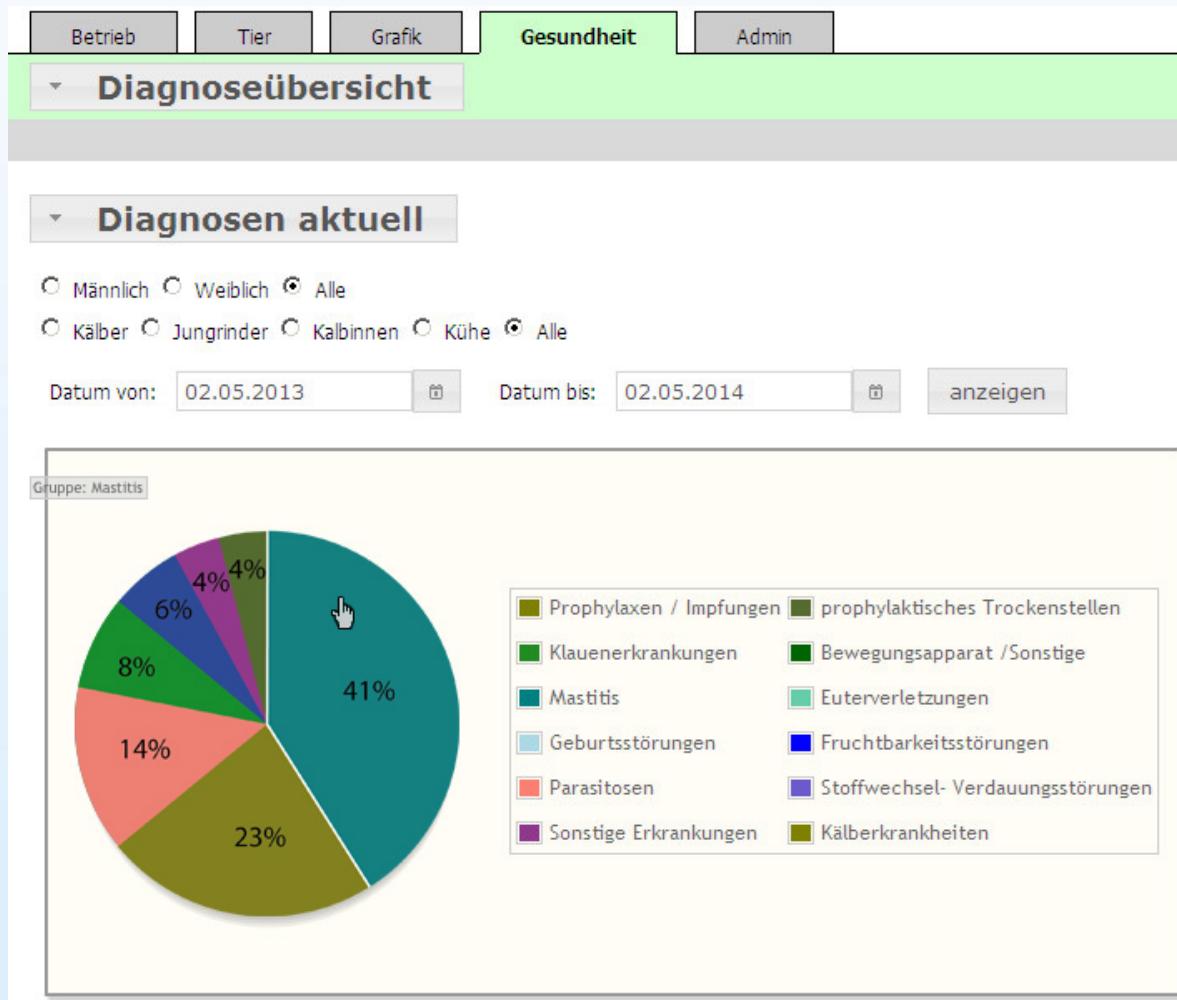
- ▶ Genomic evaluation of health traits for bulls (August 2013):
  - Mastitis
  - Early fertility disorders
  - Milk fever
  - Cysts
- ▶ Animal health data from herds of Baden-Württemberg

Diagnosis	1st Lactation	$\geq 2$ Lactations
Udder health Fertility	9.49 % 15.67 %	15.85 % 18.92 %

# Health monitoring of dairy herds in Baden-Württemberg – IT-Tools

Online Programs	Application field	User
RDV-Farm (RDV4M)	Herd management Analysis	Farmer, Advisor
RDV-Mobil (App)	On spot data collection and access	Farmer
RDV-Vet (RDV4T)	Herd health monitoring	Veterinary
RDV-Feed (RDV4F)	Feeding	Advisor

# RDV4M / RDV-mobil



Praxis Betrieb Tier

Ausgewählte Betriebe

Eutergesundheit	Fruchtbarkeit	Lfbis	Vorname	Nachname	Strasse	PLZ	Ort
grün	rot	1234567	Karl	Muster	Dorfstr. 1	70001	Berg
grün	rot	1234566	Franz	Neu	Weiler 2	70001	Berg
grün	rot	1234565	Hans	Dampf	Weiler 7	70001	Berg
grün	grün	1234544	Willi	Freund	Tal 12	70003	Hausen
grün	rot	1234456	Rolf	Kalb	Im Stoffel 10	70010	Graben
gelb	rot	1234459	Rudi	Rüssel	Hang 25	70010	Graben

Praxis Betrieb Tier

Tierliste

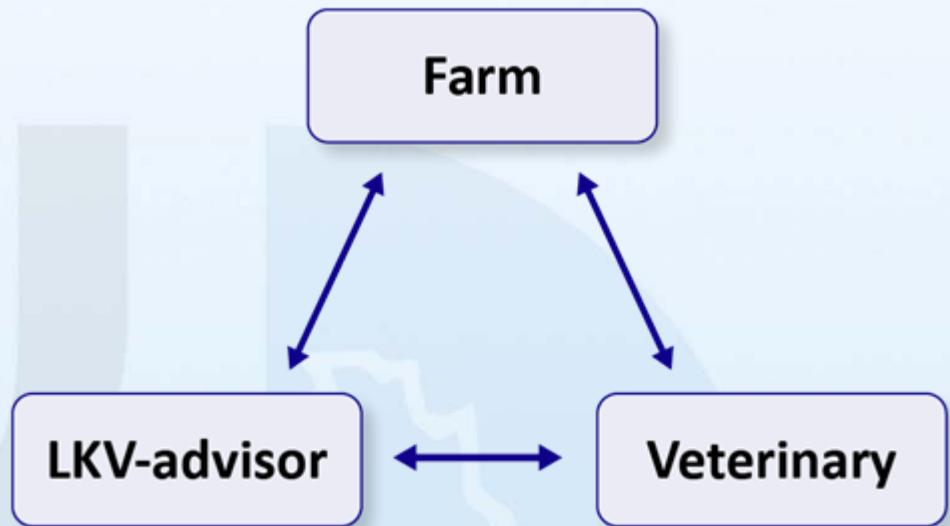
Alle  Milchkühe  Aufzucht  Mast anzeigen

Eutergesundheit	Fruchtbarkeit	FEQ	Harnstoff	Leistung	SNR	Name	Lebensnummer	Geb-Dat	LA	Lakt.-Tage	R	Na	G
grün	rot	grün	rot	grün	21	MONTANA	DE 08 15218733	23.12.2011	1	85	SBT	K	W
rot	rot	grün	gelb	grün	7	MARION	DE 08 14561068	11.06.2010	2	108	SBT	K	W
rot	rot	grün	gelb	grün	13	MONI	DE 08 14561078	14.08.2010	2	210	SBT	K	W
rot	rot	grün	gelb	grün	22	MARLENE	DE 08 13496949	28.06.2006	5	162	SBT	K	W
rot	rot	grün	gelb	grün	29	MARIE	DE 08 13496992	03.04.2007	5	113	SBT	K	W

# Basic concept of the advisory service network (I)

## Farmer, Vet and LKV-advisor:

- ▶ Common data base
- ▶ Same software
- ▶ Orientation on agreed thresholds
- ▶ Definition and adjustment of advisory objectives
  - Coordination of actions/ coordination of the farm advice



# Basic concept of the advisory service network (II)

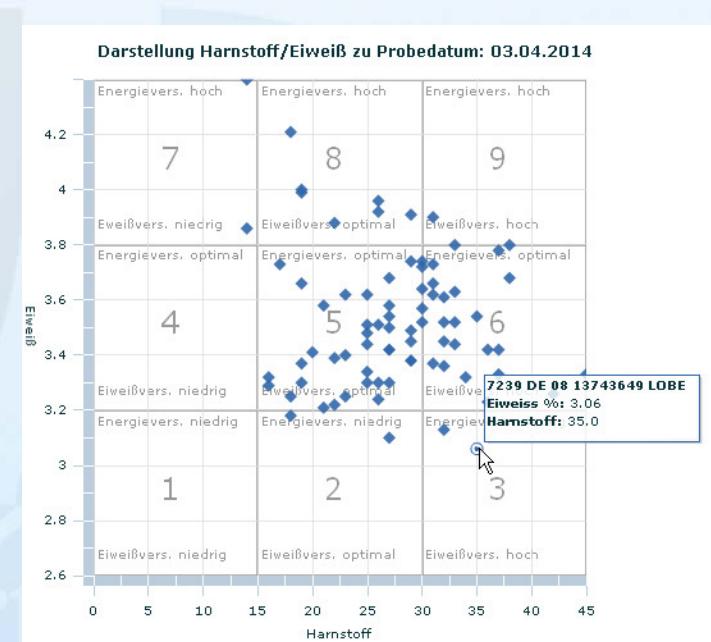
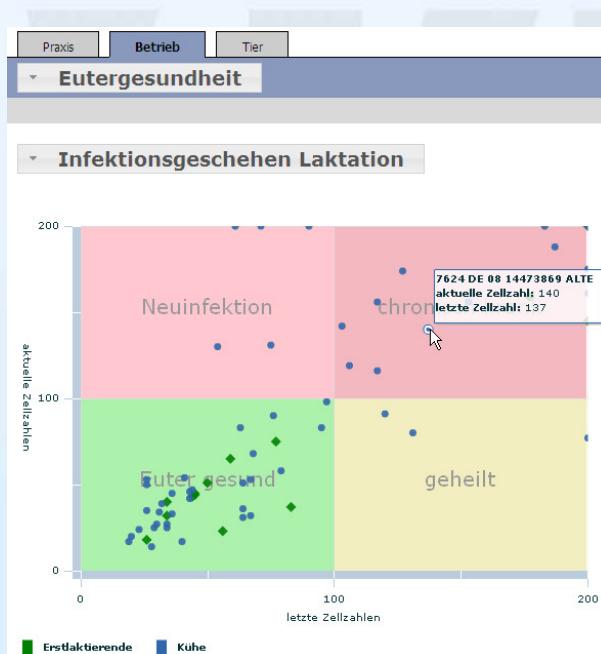
## Close cooperation of Vet and LKV-advisor with different assignments

Vet:

- ▶ Udder health
- ▶ Fertility

LKV-advisor:

- ▶ Feeding
- ▶ Animal husbandry



## Basic concept of the advisory service network (III)



Praxis    Betrieb    Tier

Einstellungen

i

Eutergesundheit    Fruchtbarkeit    Stoffwechsel    Leistung    Trockenstellen

Schwellenwerte Betrieb

- Ein Tier > 300 Zellen (in Tsd.)
- Anteil der Kuh >= 40 % mit über 200 Zellen (in Tsd.) bei den letzten 6 Probemelkungen

The vet operates the travic light system in RDV4T for RDV4M and RDV4T, to guarantee identical thresholds / benchmarks

# Principles of the advisory service network

Joint farm visits of vet and LKV-advisor during the year

- ▶ Definition of objectives
- ▶ Achievement of objectives
- ▶ Adjustment of objectives

Joint workshops on the topic of animal health done by vets, LKV-advisors and farms, which participate in the health monitoring



**Baden-Württemberg**

*Thank you  
for your attention!*

