

WBFSH Seminar November 4 Copenhagen 2009

*"Presentation of DWB database and the Danish
Pilot-project:
"Registration of diseases"
By Steen Bo Larsen*

Status rapport

Possibilities and Limitations

Steen Bo Larsen

- D.M.V
- Reproduction practitioner
- Horse breeder
- President of The Danish Equine Veterinary Associations
- Practice owner



Database Partners

- Current:
- Danish Agricultural Advisory Center
- Danish Equine Veterinary Association



The Danish Horse Database

Studbook registration for 24 Danish breeding societies
Registration of all horses for competition with the Danish Equestrian Society

Data registered:

- Basic horse data (registration number, name, date of birth, breeding society, gender, etc.)
- Pedigree data
- Information on grading, performance tests, etc.
- Breeding permits, coverings, foal registrations
- Competition results from national and international competitions

The Danish Horse Database – in numbers

- 350,000 registered horses
- 60,000 horses registered for competition – and over 2 million results for these horses
- 80,000 gradings, performance tests, elite predicates, etc.
- each year, app. 11,000 coverings, 8,000 foals and 3,000 gradings are registered



Internet access to the Horse Database

WWW.HESTEDATA.DK

Subscribers have access to data on all registered horses (basic data, grading information, competition results, offspring)

DWB Database

- Index

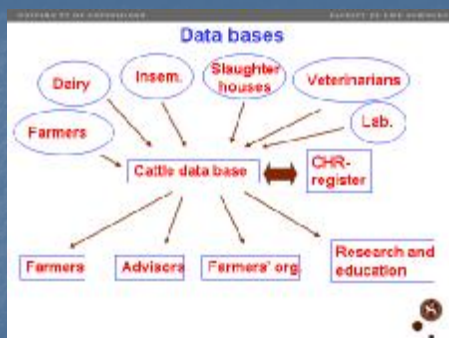


The Danish Cattle Database

- Milk recording
- Pedigree
- Index
- Legislation
- Veterinary diagnoses
- Antibiotics
- Manual
- Protocol
- Variables of interest
- Key/CHR number
- Durability
- Welfare

The Danish Cattle Database

- Legislation
- Disease surveillance
- Medication
- Veterinary practices
- Slaughterhouses
- Insemination data
- Owner/Farmer
- Milk recording
- Destruction plants
- Lab results



The Danish Equine Veterinary Association

- Diagnose Register
- Quality in Veterinary Procedures
- Specific horse id
- Research
- Evidence based medicine
- Sharing of Case Records
- Transparency in Pre Purchase Examination
- Transparency regarding Doping



Legislation

- n National Horse Register 1/7 2009
- n Passport
- n Medication
- n Slaughter
- n Transport
- n Microchip



Possibility

- n One central database
- n Cattle database look-alike



Denmark

- n A small relative homogeneous country
- n DWB monopoly in the sports horse (Standard breed)
- n Novasoft Monopoly (vet-software)
- n Vets wants to do things right
- n The Danish Equine Veterinary Association represents 90% of Danish horse vets
- n The Danish Advisory Center has the know-how (cattle database)

Limitations

- | | |
|--|-------------------|
| Obtainable | Challenges |
| n Index | n Durability |
| n Pedigree | n Welfare |
| n Diagnoses: Lameness, OCD, x-ray etc. | n Soft parameters |
| n Sport Results | |

Welfare

- Ethics
- Easy to ride
- Sports results
- Professional training
- Remarks (Stuart's, Technical delegates, Judges)
- Owner remarks
- Trainer remarks
- Vet remarks
- Training methods
- Stabling
- Youth
- Blacksmith
- Nutrition



PHD project

- | | |
|-------------------------|-------------------|
| n Analysis of interests | n Time consuming |
| n Vet Diagnose Register | n Money demanding |
| n Research | |

