

### Innovative features

- Embryo transfer
- Wagyu semen for beef
- Larger cubicles to reduce risk of injuries



### Buildings & Equipment

- Modern indoor housing
- Deep sand cubicles
- 5 x milking robots
- Individual calving pens
- Manure scraper
- Individual calf housing & group housing

### Labour force

- 4 employees
  - 1 student
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### Areas of interest

- Animal health & welfare
- Animal nutrition
- Society-friendly system

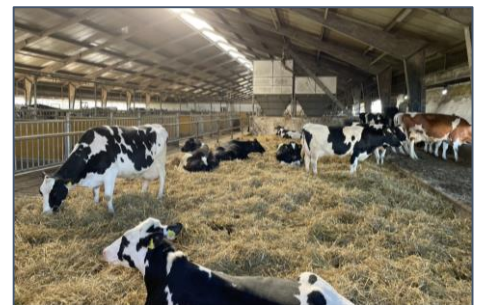
### The herd

330 cows in total  
300 cows in milk  
290 dairy heifers

All-year-round calving  
Age at first calving: 23 mo  
Pasture access for pregnant heifers

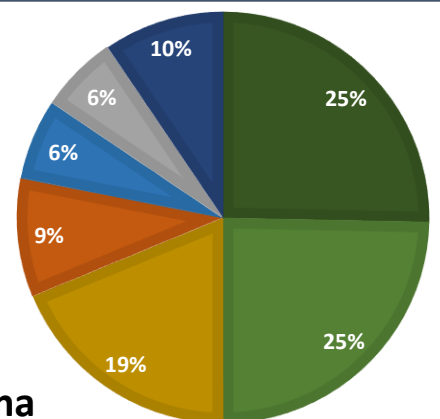
**Breeds:** 97% Holstein  
3% Holstein x Belgian Blue & Holstein x Wagyu

Milk production: 12,653 kg ECM per cow per year



### Agricultural area

101 ha silage maize  
99 ha winter wheat  
75 ha grass/clover (silage)  
37 ha spring barley  
25 ha winter rye  
24 ha winter rapeseed  
39 ha other  
**Total: 400 ha**





## Strengths

- Young farmers with highly adaptable mentalities
- High level of education
- High milk production
- Highly productive grain lands



## Weaknesses

- High labour costs
- Lack of computerised herd management



## Opportunities

- Crossbreeding
- Labelling if cows graze nature area



## Threats

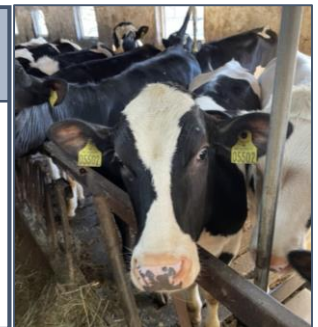
- War in Eastern Europe
- Unpredictable future
- Increasing regulations & limits
- CO<sub>2</sub> tax

### Innovative practice

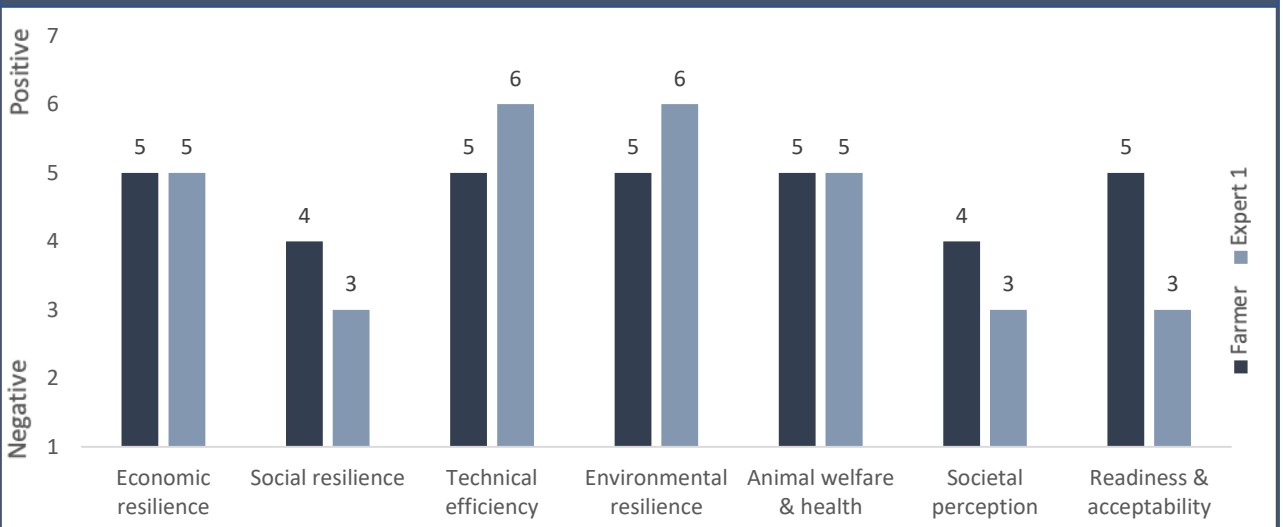
Embryo transfer of top cows as strategy for improving economic and animal welfare resilience

### Potential future solutions

- She mentioned strategies that she already implemented



## Effects of innovative practice on resilience



“Resilience 4 Dairy” is a European project involving 15 European countries and 18 partners. R4D is a thematic network on innovations and aims to support EU dairy farming in these regions where dairy farming is a main economic activity.



R4D pilot farmers are involved in a National Dairy Akis group where needs, solutions and knowledge are exchanged with other farmers, advisors and scientists on their way to build a resilient system. More information:

<https://resilience4dairy.eu/>