

### Innovative features

- Cow-calf contact (CCC)
- Striving for self-sufficient feed production
- 3-way rotation crossbreeding (AA breeding)



### Buildings & Equipment

- Indoor housing
- Free-walk straw yards
- 2 x milking robots
- Feed pusher robot
- Straw bedding robot
- Pens equipped for gradual weaning from foster cow

### Labour force

- 3 employees

### Areas of interest

- Animal health & welfare
- Labour conditions
- Environmental impact

### The herd

150 cows in total  
140 cows in milk  
120 dairy heifers

All-year-round calving  
Mortality rate: 3%

Pasture access for all calves, heifers & cows

**Crossbreeding :**  
Holstein x Jersey x  
Scandinavian Red

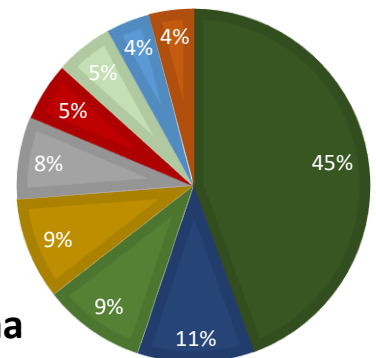
Milk production: 9,074 kg ECM per cow per year



### Agricultural area

- 100 ha grass/clover
- 24 ha spring barley/oats
- 21 ha spring grain/legume
- 21 ha winter rye/grass
- 17 ha spring grain mix
- 12 ha woods & tree line
- 12 ha perennial grass
- 9 ha peas/grass/clover
- 9 ha peas/chicory/plantago/grass

**Total: 225 ha**





## Strengths

- Young farmers
- Milk sold under CCC label
- Low disease incidence
- Crossbreeding
- No antibiotics for mastitis
- High animal welfare



## Weaknesses

- Relatively low milk yield per cow
- Relatively low pregnancy rate



## Opportunities

- Labelling subsidy
- x



## Threats

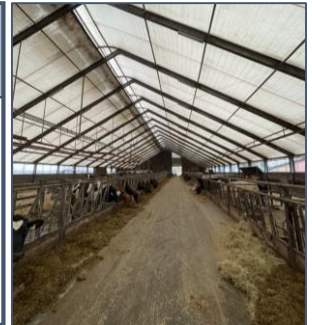
- Economic efficiency
- x
- x
- x

## Innovative practice

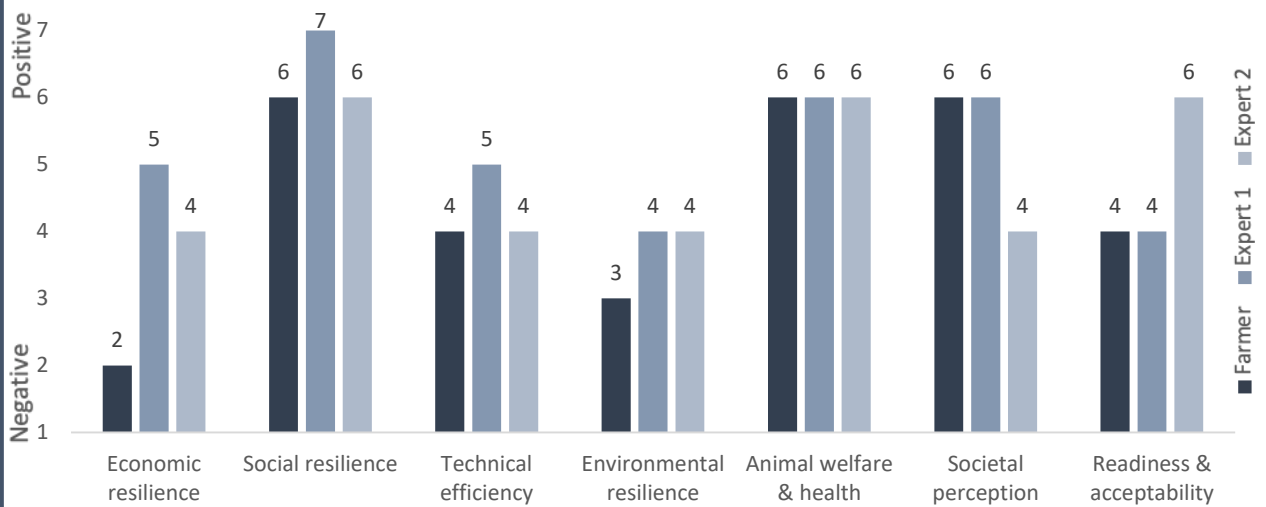
Cow-calf contact as strategy for improving animal welfare resilience.  
Dam-calf contact for 1 wk, then foster groups until 3 mo

## Potential future solutions

- On farm sale of dairy products
- Multi-cropping
- Free living housing



## 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/>