

Innovations

Technical efficiency



1997: Zsadanyi Malom 95 Ltd was established

2018: Start of the embryo programme

Farming milestones

2012: Building of milking barn and new barn (506 stocking capacity)

2021: New calf barn for calves and new maternity barn

The herd

- 650 dairy cows
Breeds: Holstein-Friesian
- 800 heifers
- Calving period: all year
- Age at first calving: 23.3 months

Agricultural Area

- 1100 ha**
- 800 ha arable land:
 - 200 ha wheat, 100 ha sunflower
 - 160 ha corn, 100 ha silage corn
 - 30 ha lucerne, 40 ha Italian ryegrass
 - 170 ha others
 - 300 ha grassland

Workforces

- 63 employees (FTE)

Areas of interest

- Excellent breeding, biotechnology (embryo transfer)

Main buildings and equipments

- Free stall barn,
- Aquaboard, automatic feed pusher
- Carousel milking, milk taxi
- Technology avoid heat stress (ventilation, bedding)



Production / Technical results

- 7 500 000 liters of milk produced (100% sold)
- 3.84 % fat & 3.40 % protein content
- 11.060 l of milk /cow /year
- Extra milk quality





Strengths

- The genetic value of the herd
- Modern buildings
- Mechanization, automation
- Excellent milk quality



Weaknesses

- Stocking capacity
- Shortage of labour



Opportunities

- Herd development
- Project
- Promoting the consumption of dairy products



Threats

- Climate change - droughts
- Low purchase price
- Few own forage area

Farmer's strategy for a "resilient" system

Embryo programme (embryo washing and implantation within the herd)
Beef on dairy

Aspirations / Needs for the future

A2 milk production
Increase production efficiency

Improvement project - objectives

- Increasing the quality of production

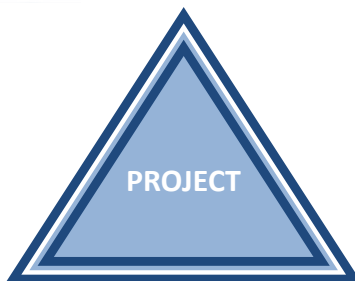


ECONOMY & LABOUR

- Improving the genetic quality of the herd



RESOURCE Efficiency



- Aquaboard, climate protection
- Separation of manure

ENVIRONMENT ANIMAL WELLBEING



Partners



Project

"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/>