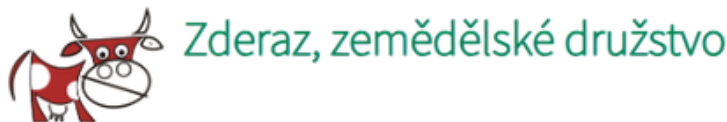


Zderaz, zemědělské družstvo

Founded: 1962
Legal form: Agricultural cooperative
Utilised agricultural area: 1,916 ha



Zderaz Agricultural Cooperative has been farming since 1962 and represents a well-established agricultural enterprise combining crop production, dairy farming and cattle breeding. Over the decades, the cooperative has continuously developed its production systems and invested in modern technologies, automation and innovative breeding methods.

Cattle herd

The dairy herd consists of 550 cows with an average annual milk yield of 10,071 kg per cow. Total annual milk production reaches approximately 5.36 million litres.

Milking technology:

Agro Milk – 2 × 16 herringbone parlour

- The milking parlour is equipped with rear milking, fast exit and an efficient cow flow system, supporting smooth and effective milking of the herd.

Automation & robotics: Modern automation is used in several areas of daily farm management: Automatic calf feeders, Milk taxi for calf feeding, Robotic feed pusher

Results of the Milk recording for 2025

Number of lactations	Milk (kg)	Fat (kg)	Fat (%)	Protein (kg)	Protein (%)	Calving interval
545	10 071	396	3,93	361	3,59	369

Category	Head
Dairy cows	550
Heifers	380
Calves	225
Fattening bulls	320

Crop production

The cooperative manages 1,916 ha of agricultural land with a diverse crop structure. A significant proportion of the land is dedicated to forage production, providing an important feed base for the cattle herd.

Crop	Area	Average yield
Wheat	280 ha	6,5 t/ha
Barley	150 ha	6,5 t/ha
Maize	400 ha	35 t/ha
Oilseed rape	200 ha	3,5 t/ha
Forage crops	600 ha	20 t/ha



A modern approach to sustainable farming:

The cooperative is investing in technologies that support greater energy independence and long-term sustainability. A key recent development has been the implementation of an energy self-sufficiency strategy based on a biogas plant and photovoltaic power generation.

At the same time, the breeding programme is supported by advanced reproductive technologies, including embryo transfer in cattle.

CATTLE GENOM – GENOMICS FOR THE FUTURE OF BREEDING

The farm is actively involved in the CATTLE GENOM project, coordinated by the Czech Fleckvieh Breeders Association. The project focuses on large-scale genomic testing of female Czech Fleckvieh cattle and combines genomic information with production and health data.



1 193
genotyped
animals

Population:
124 135

112,6
GZW index
(Total Merit index)

Population:
104,1

109,8
Milchwert
(Milk index)

Population:
102,6

102,0
Fleischwert
(Beef index)

Population:
100,3

TOP 50 genotyped
animals, has an average:

GZW 133

MW 121

FW 108

Farming for the future

Zderaz Agricultural Cooperative combines more than six decades of farming tradition with modern production technologies, renewable energy and advanced cattle breeding. The focus on efficiency, genetic progress and energy self-sufficiency creates a strong foundation for the future development of the farm.



Distribution of Genotyped
Animals According to GZW

