

## FAMILY FARM TURNOVEC

*The farm is a member of a marketing cooperative, selling its own meat to customers.*

### Identification details

Name: Lukáš Turnovec a Miloslav Turnovec

Location: Petříkovice, Nadějkov, Czechia

Area size: 190 ha (70 ha own)

Year of foundation: 1992 by grandfather

Main activities: dairy and beef cattle breeding – milk and meat production,

Web / Facebook / Twitter: <http://farmaturnovec.cz/>

The Turnovec family farm currently cultivates 190 hectares of agricultural land, of which 70 hectares are in our ownership. Lukáš's grandfather started the family farm in 1992 with 5 hectares, 5 cows and a tractor Zetor 4011, which he received in restitution from the Petříkovice collective farm. In 2007, a stable for 90 dairy cows was constructed and moved the farm forward. The original stable with 30 dairy cows had a yield of about 15 l / dairy cow / day. In 2012, 70 dairy cows were milked with a capacity of 23 l / dairy cow / day. In 2020, the family bought a milking robot from Gea. It has maximal capacity 70 cows, therefore farm had to reduce original number of 80 cows by 10. However, the efficiency increased by about a liter / cow / day. It is currently kept at a value of 26 l / dairy cow / day. Before purchasing the milking robot, the dairy cows were outside in pastures for 20 hours / day and used stables only for milking. This was very positive; the cows were in good health and the farm generally had low feeding costs.

Currently, the family breeds mainly C-100 cattle (Montbeliard and Fleckvieh). The feed ration of dairy cows consists of 50% grass silage, 10% clover-grass silage, 30% corn silage and 10% cereal meal with mineral additive and molasses. The average number of cattle is 70 dairy cows, 40 heifers, 35 cattle bulls for fattening - some are sold in slaughterhouses and some are sold cut in smaller packages directly to customers. Also, the family raises 25-35 calves, being fed by an Urban Paula feeding machine where calves are up to 70 days of age. There they get used to the hay and the starter.

The farm operates at an average altitude of 580 m.n.m. of which 137 ha are meadows and pastures, 18 ha of maize, 13 ha of winter wheat, 15 ha of spring feed barley and 7 ha of clover. Currently, the most powerful tractor in the family has 195 Deutz-fahr horses, which handles most field work. Winter wheat yields range between 6 and 9 tons per hectare, spring barley yield oscillates between 5 and 6 tons per hectare. Most grains are used as own fodder, a maximum of 30 tons per year is sold, mostly abroad.

The farm is a member of a marketing cooperative for milk sales – MHD JIH ([www.mhdjih.cz](http://www.mhdjih.cz)). In the beginning, the family was the target of ridicule, but gradually other farmers also tried to get into the cooperative. Several farmers have succeeded, but other farmers have stopped producing milk. Membership in the cooperative brought mainly economic benefits - the farm received a higher price for milk (0.02 - 0.08 EUR / litre) compared to others. The farm gained a lot by managing all the activities on its own for a long time. The family therefore did not have to pay for labour and could invest more in the development of the farm.

In recent years, the farm bought 30 more hectares. To diversify their income activities, family began with earthworks, and purchased 3.5-ton crawler excavator. The family also bought a neighbouring one-hectare building, where they opened facilities for car reparation, reparation of agricultural machinery. In the same complex they built 4 apartments for agrotourism. As the farm extended their activities into new services, the farm already has one employee and plans to hire another soon.

Viability of small farms managed by young farmers under new  
"farm-to-fork" strategy (2020-1-CZ01-KA203-078495)

**Photo:**

