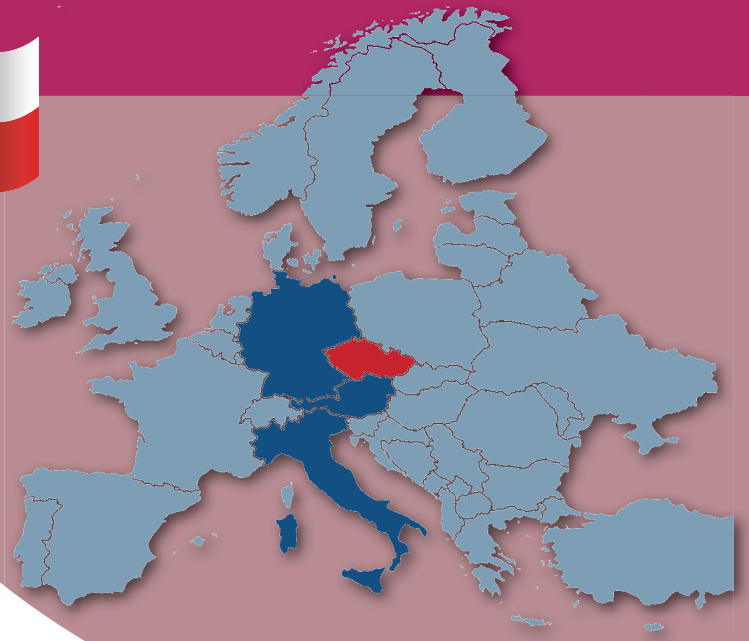


THE POWER OF CZECH GENETICS FROM ELITE SIRES TO YOUR HERD



Part of the European Breeding Programme

The Czech Republic ranks among the four Fleckvieh populations in Europe participating in the joint breeding value estimation based on the prestigious GZW index (Germany, Austria, Czech Republic and Italy).

Our breeding data are transparent and internationally recognised.

Outstanding Performance in the Czech Republic

In 2025, the Czech Fleckvieh population comprised **111 520** cows with an average milk yield of **8 592** kg (3,92% F, 3,53% P), combining excellent beef performance with high resilience. The best cows selected as bull dams achieve production levels exceeding **16 000** kg of milk.



KH WARMELIN

TOP in Fertility and Health

Economy: High fertility (BV 130)

Reliability: Exceptional breeding reliability

Resilience: Excellent udder health (EGW 111) and vitality

Outlook: Outstanding daughter longevity (BV 111)

With Warmelin, you benefit from an optimal combination of performance and resilience, confirmed by high health and longevity indices.

Genetics for Real Profit

Balanced Breeding Objective: We focus on economically balanced animals combining milk production with strong beef potential. Our breeding goal is not extreme figures, but healthy cows with high milk yield and excellent meat performance.

Strength of Cow Families: Our sires are selected from proven, long-lasting cow families descending from elite dams within the Czech population.

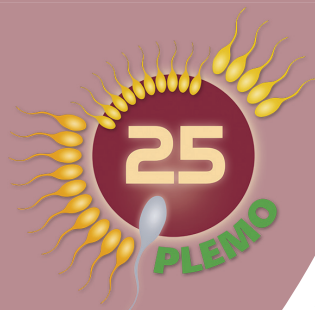
Elite Donor Programme: Donor cows with genomic GZW values ranging from 135 to 145 are utilised in embryo transfer programmes, ensuring the selection of the best young bulls for our AI station.

We provide proven genetics delivering rapid genetic gain to our partners.

CZECH GENETICS WITH A FOCUS ON FERTILITY Plemo a.s. - Tradition and Expertise

Data from First-Hand Sources: We provide milk recording, insemination services, mating programmes and early pregnancy diagnosis, giving us immediate insight into fertility and conformation across our partner herds (19,636 cows).

Maximum Fertility for Your Profit: The high intrinsic fertility of our bulls demonstrably saves time and reduces reproductive costs.



Own Station and Young Bull Rearing Facility in Litohoř

Modern Genetics Rooted in Tradition

- 25 years of experience
- Certified production technology
- State-of-the-art equipment
- Own testing facilities
- Annual production capacity: 200 000 doses



EXTRA DOSES

A unique patented technology ensuring extended sperm viability. We select only bulls with superior intrinsic fertility, thereby significantly improving pregnancy rates within your herd.

- **Welfare as a Technological Standard**
- **Individual animal monitoring** for superior performance
 - Healthy bull = high-quality dose
- Animal welfare and **professional care** are as important to us as laboratory **results**
- Own Rearing and Welfare Programme
- **Excellent bull condition** is ensured by our own **feed base**
- Bulls are fed specialised rations sourced from within our agricultural holding, guaranteeing ejaculate stability and quality
- **Certified Quality**
- We produce **conventional**, **extra** and sexed insemination **doses** in accordance with the **highest** veterinary **standards**
- Plema - **Elite Genetics** from the Heart of Europe
- A tradition that delivers results

1950

Establishment of one of the first AI stations in Czechoslovakia (Litohoř Castle)

1962

Launch of a modern AI facility (state breeding enterprise)

2000

Acquisition by Plema a.s. followed by major investments

Today

Certified facility meeting the strictest European standards



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