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CONFERENCE AND WORKSHOP WSFF SEPTEMBER 19, 2026



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FLECKVIEH
WORLD SIMMENTAL-FLECKVIEH CONGRESS 2026

The brochure also includes the annual report
of Czech Fleckvieh cattle



from Mendel
to Genom



**We are proud to welcome you
to the Czech Republic.**
- Czech Fleckvieh Breeders Association



PRESIDENT'S WELCOME



SEBASTIAN AUERNIG | WSFF PRESIDENT

The Simmental Fleckvieh world is looking at the Czech Republic.

The World Simmental Fleckvieh Federation holds its meeting at regular intervals. This year's congress, which is being held in the Czech Republic, is a meeting of all interested Simmental Fleckvieh cattle breeders from around the world. It is a forum for the exchange of ideas and also for discussing current developments in breeding and informing people about them. The motto 'From Mendel to genome' not only reflects the exciting developments in modern cattle breeding but also the historical significance of the city of Brno in this field. It is in the Czech Republic that Simmental Fleckvieh cattle breeding has made excellent progress in recent years. This promises not only interesting presentations but also top-quality excursions to breeding farms.

As President of the WSFF, I would like to express my sincere thanks to all those responsible in the Czech Republic for their willingness to host the congress and, above all, for their work in the interests of the successful development of Simmental cattle breeding. I would also like to thank the responsible political decision-makers in the Czech Republic, without whose support it would probably have been difficult to organise such an event. I am looking forward to meeting many interested cattle breeders from all over the world and wish the event every success.

I wish all visitors an exciting time in the Czech Republic, many new connections, and much success and good luck with Simmental-Fleckvieh breeding.

Sebastian Auernig
President of the WSFF



PRESIDENT'S WELCOME

DANIELE VICARIO | ESF PRESIDENT



Dear Fleckvieh/Simmental breeders from all over the world,

I would like to extend a warm welcome to all delegation members coming to Brno for the 26th World Simmental Congress.

First of all, I wish to express my sincere and special thanks to the local organizers, represented by Marian Bily, Pavel Kral, and Josef Kucera, past WSFF president. Special thanks and deep respect are due to them for agreeing to host this event on short notice, stepping in to replace another host country just one year ago.

The impressive turnout for this congress—with 110 delegates from 23 countries—is already a great success even before the program officially begins.

The motto from our previous congress in Canada, "ONE BREED ONE WORLD", fits this event perfectly. It reflects our shared feeling of being one global family without borders, united by a passion for Simmental Fleckvieh cattle.

Beyond sentiment and passion, this congress offers a high level of expertise in breeding strategies and evaluation methods, driven by continuous innovation. An even greater reason to be proud of these advances—visible across all our countries—is that we are meeting in Brno, the homeland of Gregor Mendel, the father of modern genetics. The conference on Saturday, September 19th, at the Mendel University Campus promises to be exceptionally engaging, featuring an outstanding group of speakers specializing in beef, dairy, and dual-purpose breeding.

Speaking of dual-purpose breeding: as we face the global challenges of climate change, we must recognize that our breed is a strong and essential player in the future food supply system. Sustainability and efficiency are key to developing a new model for cattle production. Producing both milk and beef in a balanced way—utilizing pasture and roughage without competing with human food resources—represents a true "new deal" for agriculture. I am convinced this is the best path to building consumer trust and constructively addressing claims that we must eliminate animal-based agriculture to save the planet.

Before I conclude my foreword, I would like to thank all the cattle exhibitors in advance for the show in Radesinska Svratka on September 17th. They work tirelessly behind the scenes with immense dedication and love for their animals, ensuring our breed is showcased in all its strength and beauty.



Daniele Vicario
ESF President

WELCOME FROM THE MINISTER OF AGRICULTURE OF THE CZECH REPUBLIC

MARTIN ŠEBESTYÁN | MINISTER OF AGRICULTURE



Dear ladies and gentleman, distinguished guests,

It is my pleasure to greet you at the World Simmental Fleckvieh Federation Congress taking place in the Czech Republic this year. It is an honour for our country to host such a prestigious international gathering of breeders, experts, scientists and representatives of breeding organizations from the whole world.

Simmental Fleckvieh breed belongs to one of the most significant cattle breeds and Czech Fleckvieh Cattle is a part of it. The results of Czech breeding, long-term work of our breeders and the high standard of breeding programmes show that Czech Republic takes significant place on the international scale. That is why it pleases me that our country can be place for the exchange of valuable experiences, expertise sharing and also for a discussion about the future of the cattle breeding in a fast-changing conditions of today's world.

Agriculture is facing a number of challenges. In addition to economic pressures, these include the impacts of climate change, the need for sustainable production, ensuring food security, and making use of modern technologies and innovations. This makes international platforms that enable us to seek common solutions and learn from one another's best practices all the more important. The World Fleckvieh Congress represents a unique opportunity for professional dialogue and for building new partnerships.

I am convinced that the future of cattle breeding lies in combining tradition, top-quality genetics, a responsible approach to animal welfare, and the use of modern technologies. Czech Fleckvieh is an example of a breed that has upheld these values over the long term and, thanks to the dedication of Czech breeders, has built an excellent reputation both at home and abroad. ch odborných poznatků, úspěšná setkání a příjemný pobyt v České republice.

I would like to thank the congress organizers, the Czech Fleckvieh Breeders Association, our partner institutions, and everyone who contributed to preparing this exceptional event. Great recognition also goes to the breeders and geneticists whose daily work forms the foundation of the success of the entire sector.

I wish all participants inspiring discussions, many new professional insights, successful meetings, and an enjoyable stay in the Czech Republic.



Ministerstvo
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Martin Šebestyán
Minister of Agriculture of the Czech Republic

WELCOME TO THE CZECH REPUBLIC FROM THE CZECH FLECKVIEH BREEDERS ASSOCIATION



MARIAN BÍLÝ, MBA | CHAIRMAN

Dear friends, dear colleagues, dear fellow breeders,

It is a great honour for me to welcome you to the WSFF Congress 2026. I am delighted that this year we have the opportunity to meet here in the Czech Republic and spend several days together focusing on the breeding and genetic improvement of Fleckvieh cattle.

You have travelled here from different parts of the world, working under different production conditions and bringing your own experience and perspectives. Yet we share much in common – from herd health and reproductive performance to heifer rearing, herd productivity and farm economics. I believe that sharing these experiences is one of the greatest values of our gathering.

We are proud of Czech Fleckvieh. Its current level is the result of the long-term work of generations of breeders and breeding specialists who have succeeded in combining high milk production with good beef performance, fertility, health, functional conformation and longevity. This balance is one of the breed's greatest strengths and one of the reasons why Fleckvieh holds such an important place in our herds.

During the congress, we would like to present Czech Fleckvieh to you where it matters most – directly on our farms – and give you the opportunity to meet and exchange views with our breeders. We proudly invite you to the true highlight of our programme: the National Show – Czech Fleckvieh Day in Radešínská Svatka. Here, we unveil the extraordinary pride of Czech herds, bringing to light years of breeding tradition and enthusiasm of our breeders.

I believe this congress will go far beyond a professional meet, serving as a true celebration of our collective dedication. It will also be an opportunity to establish new connections, openly exchange experience and return home with ideas and inspiration that can be put to practical use in our own herds.

Thank you for coming. It is our honour to be your hosts. I wish you an enjoyable and inspiring stay, many rewarding encounters and, above all, a memorable time spent together. Welcome to the Czech Republic, and enjoy the WSFF Congress 2026.

Marian Bílý, MBA

Chairman, Czech Fleckvieh Breeders Association



SCHEDULE OF EVENTS CONFERENCE AND WORKSHOP WSFF

SATURDAY | SEPTEMBER 19

7:00

Breakfast | OREA Congress Hotel Brno

9:00 - 16:00

Seminars | Mendel university in Brno

International Genetic Solutions: A Global Beef Industry Movement

Wade Shafer

A change. 701x Leading the way towards more efficient livestock production

Bruce Holmquist

NP-Based Monitoring of Mendelian Traits in Fleckvieh Cattle: From Genetic Defects to

Beneficial Variants

Hermann Schwarzenbacher

AMS data as source for improving cows for resilience, udder conformation, milking

speed and AMS efficienc

Gerben de Jong

Development of Colombian Livestock Farming in Relation to the Environment

Daniel Esponosa Garcés

Czech Fleckvieh Cattle Breeding and Genomics in the Czech Republic

Pavel Král

Czech Agriculture: Today and Tomorrow

Josef Kučera

19:00 - 22:00

Gala evening | OREA Congress Hotel Brno

MEET OUR SPEAKERS CONFERENCE AND WORKSHOP WSFF

WADE SHAFER

Former CEO, American Simmental Association (ASA)



Wade Shafer is the former CEO of the American Simmental Association (ASA) and one of the leading experts in beef cattle genetics. Raised on his family's Shoestring Ranch in Minnesota, he earned a Ph.D. in Animal Breeding and Genetics from Colorado State University before leading both ranch operations and the ASA. During his tenure, he helped build International Genetic Solutions (IGS) into the world's largest beef cattle genetic evaluation, driving innovation in genetic improvement and selection tools for beef producers worldwide.

MEET OUR SPEAKERS

CONFERENCE AND WORKSHOP WSFF

BRUCE HOLMQUIST

Bruce leads Canadian Business Development for 701x.com. He is the former General Manager of the Canadian Simmental Association (CSA) and editor of Simmental Country and Commercial Country. During his time with the CSA, he was actively involved in genetic improvement, marketing and promotion, and served on numerous Canadian beef industry boards and committees. With experience across major cattle-producing countries on six continents, Bruce brings a broad international perspective on beef production. He is a former WSFF President (2008–2012) and Beef Committee Chair, and remains active as a Council member and Past-President.



HERMANN SCHWARZENBACHER

Statistical Geneticist, ZuchtData GmbH

Hermann Schwarzenbacher, PhD, has been a Statistical Geneticist at ZuchtData GmbH in Vienna since 2009. His expertise includes statistical genetics, genomics, genomic evaluation, GWAS, inbreeding management, and the development of livestock breeding programmes.

He previously worked at the Technical University of Munich and holds a PhD in Animal Genetics from BOKU University in Vienna. His research focuses on applying advanced genomic and statistical methods to improve livestock health, productivity, genetic diversity, and sustainable breeding.

JOSEF KUČERA

Josef Kučera is a senior manager and agricultural professional with more than 30 years of experience in management and the livestock and agricultural sector. He currently serves as Chairman of the Board of the Support and Guarantee Agricultural and Forestry Fund (PGRLF), CEO and Executive Vice-Chairman of the Czech Moravian Breeders' Corporation, and Chairman of the Dairy Herd Improvement Cooperative. He has broad international experience gained through his work in international organizations. He served as president of the World Simmental Fleckvieh Federation, president of the European Fleckvieh Breeders' Association, and a member of the executive committee of the International Committee for Animal Recording (ICAR). He represented the Czech Republic at COPA-COGECA in Brussels.



MEET OUR SPEAKERS

WSFF CONFERENCE AND WORKSHOP

GERBEN DE JONG

Head Animal Evaluation Unit @CRV



Raised on a dairy farm in Friesland. Graduated from Wageningen university. Over the years involved in R&D and genetic evaluations in CRV and her predecessors. Currently manager of Animal Evaluation Unit and herd-book of cooperative CRV in the Netherlands. Also involved in Interbull activities (Steering Committee member and chair of Interbull Technical Committee). Chair of ICAR working group on Conformation. Chair of WHFF Harmonisation Working Group and member of WHFF council.

DANIEL ESPINOSA GARCÉS

Agricultural Administrator

An experienced agricultural administrator with extensive expertise in the livestock sector and a strong focus on the development and promotion of the Simmental breed. He has served as President of UNAGA since 2019 and as Second Vice President and Board Member of the World Simmental Federation (WSFF). A long-standing member and former President of the Colombian Association of Simmental Cattle Breeders, he has played an active role in organizing international Simmental events, including the World and American Simmental Congresses in Colombia. He is also an experienced Simmental judge and lecturer, with international experience across Europe and Latin America.



PAVEL KRÁL

Director, Czech Fleckvieh breeders Association



Pavel Král has been working as a breeder and genetic specialist with the Czech Fleckvieh Association since 2003 and has served as its Director since 2015. He is also Vice-Chair of the Herd Book Council, with extensive experience in cattle breeding, genetic improvement and the development of the Czech Fleckvieh breed. Through his long-standing work with the Association, Pavel has played an important role in the development of breeding programmes, genetic evaluation and the practical application of modern breeding methods. He is actively involved in national and international Fleckvieh activities and represents the Czech breeding sector at international events.

Czech Fleckvieh Breeders Association

Our mission:

- Representing Czech Fleckvieh breeders
- Supporting breeding and genetic progress
- Promoting healthy, fertile and long-lived cattle
- Developing balanced milk and beef performance
- Supporting efficient and sustainable farming
- Connecting Czech breeders with the international Simmental-Fleckvieh community



113 000

cows registered in the
herd book



227

regular members

ANNUAL REPORT 2024/2025



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2024 / 2025

FLECKVIEH



95 004

FINISHED LACTATIONS OF
CZECH FLECKVIEH BREED



FAT
337 kg
3,92 %

↑ **+ 5 kg**
compared to
2024



PROTEIN
304 kg
3,53 %

↑ **+4 kg**
compared to
2024



MILK
8 592 kg

↑ **+ 86 kg**
compared to
2024

PROTEIN
+ FAT
641 kg

↑ **+ 9 kg**
compared to
2024



337 809
DAIRY COWS



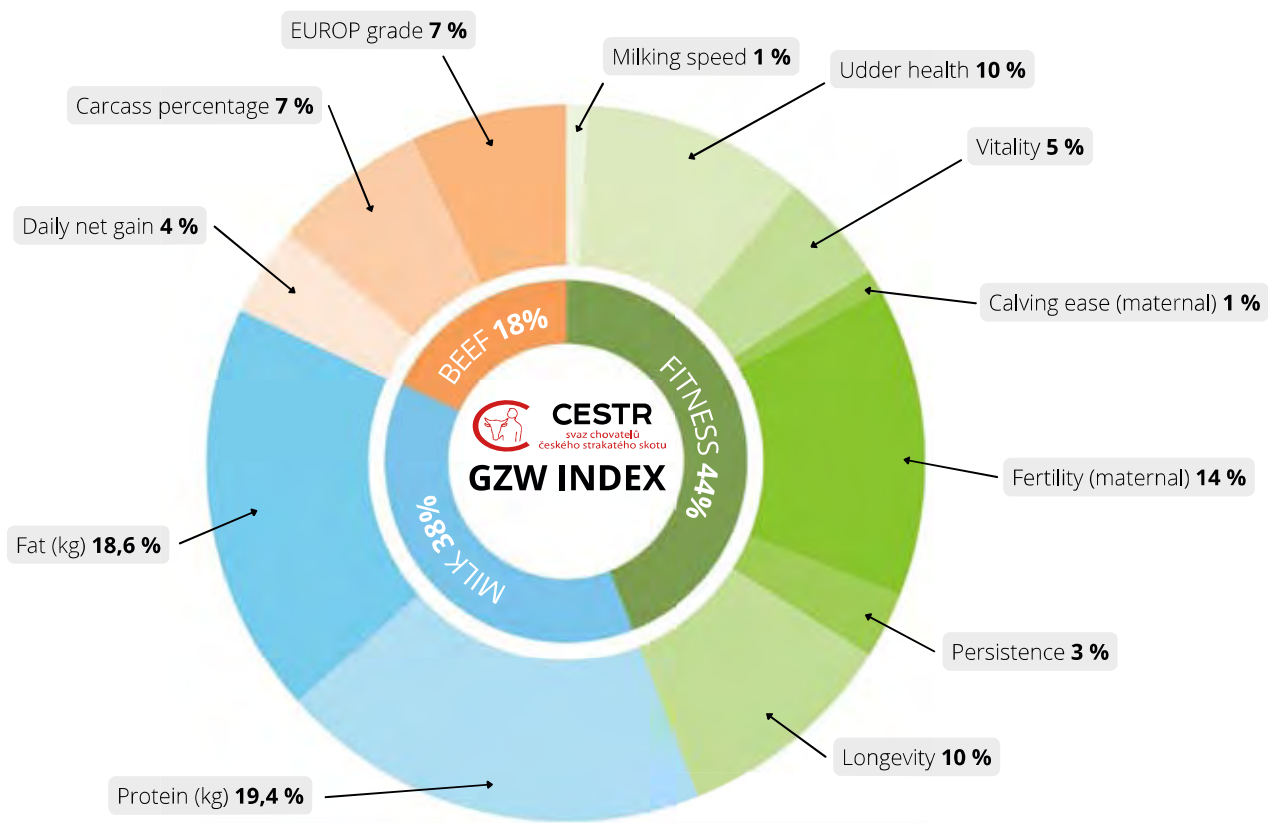
10 275 kg
AVERAGE MILK YIELD
OF ALL BREEDS



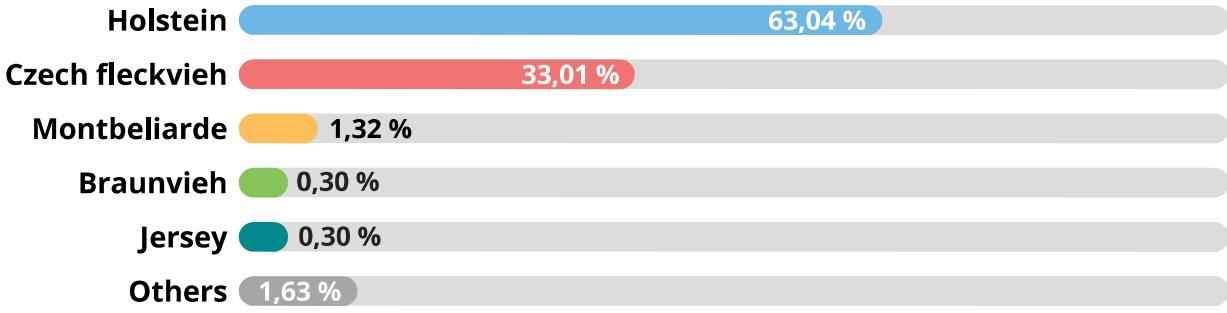
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values related to cows included in milk recording under the Czech Fleckvieh breed

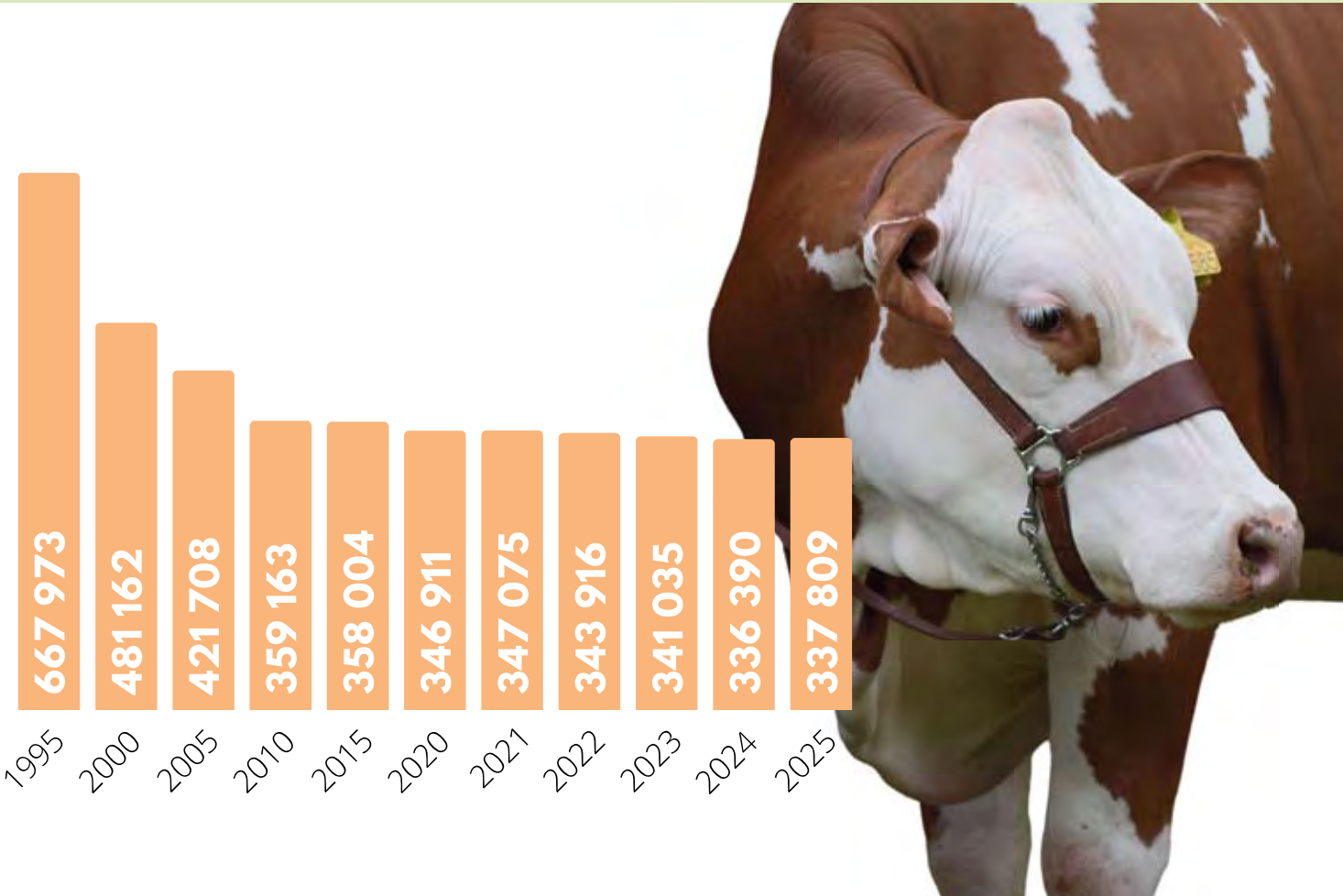
2. TOTAL MERIT INDEX (GZW) OF FLECKVIEH



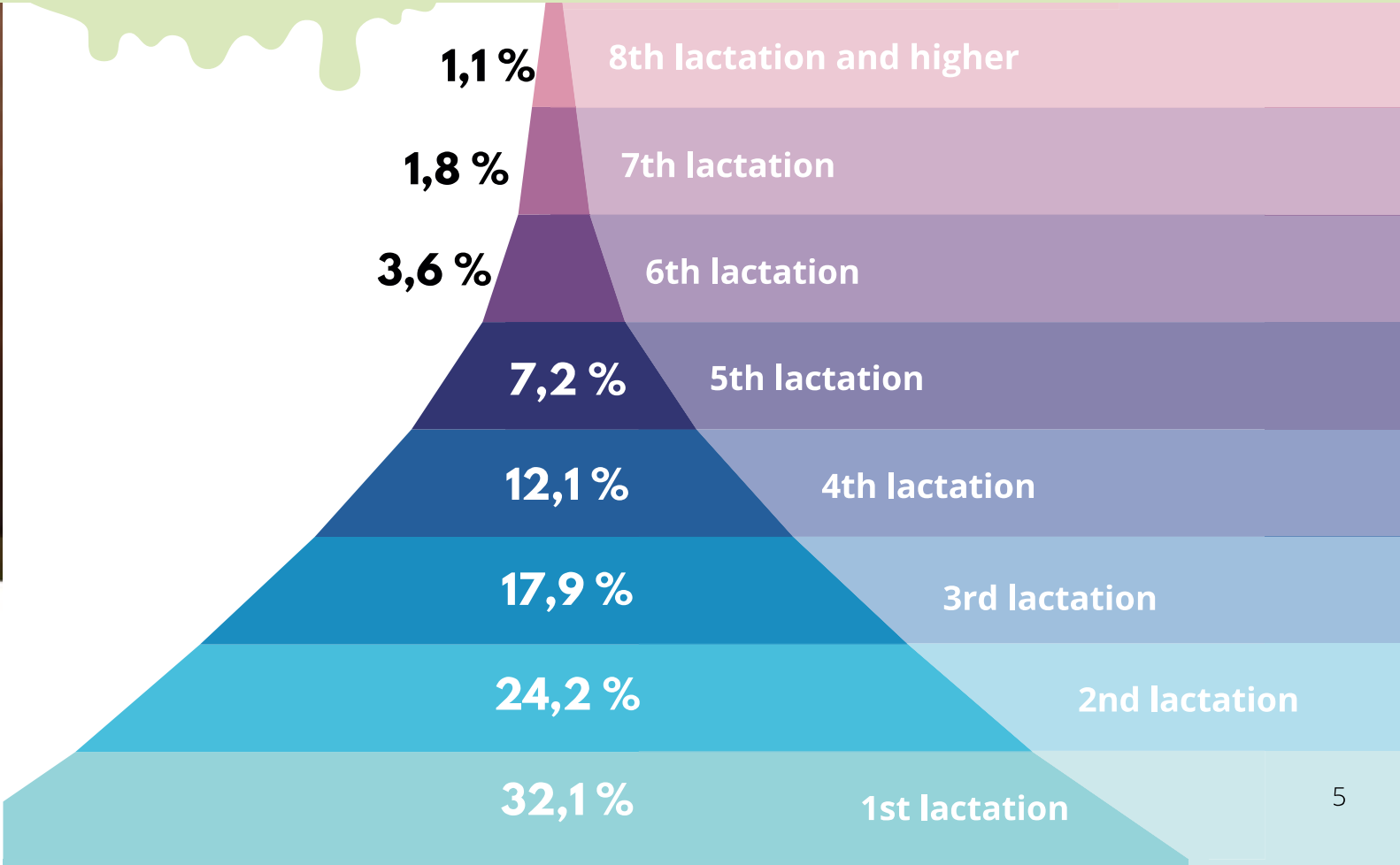
3.1. BREED STRUCTURE DEVELOPMENT IN MILK RECORDED COWS IN 2025



3. DEVELOPMENT OF THE COWS IN MILK RECORDING

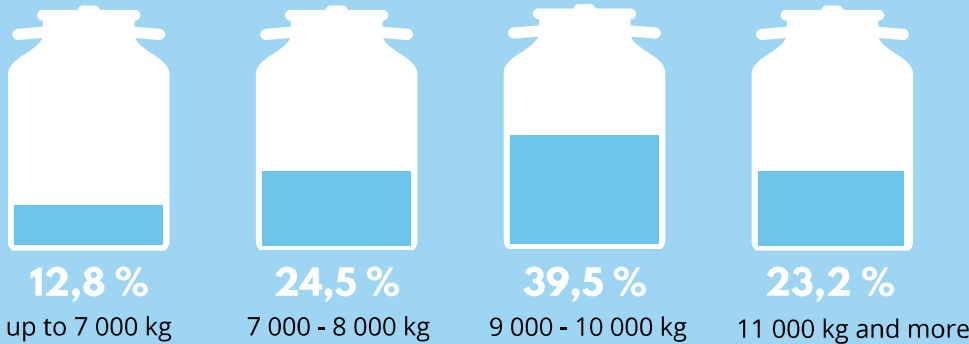
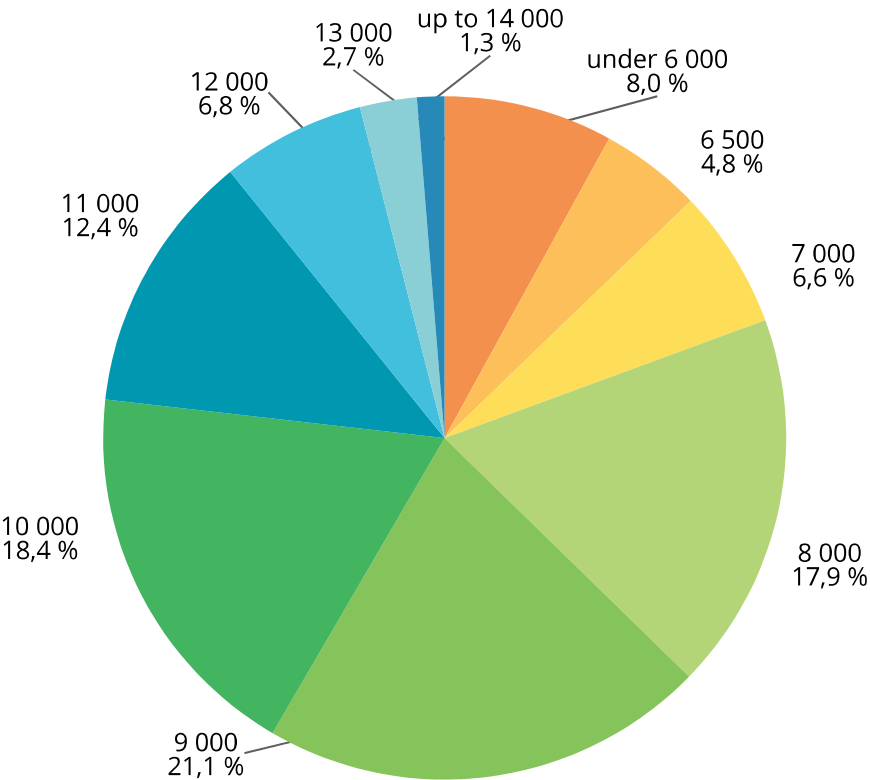


3.2. DISTRIBUTION OF CZECH FLECKVIEH COWS IN MILK RECORDING BY LACTATION (2024/2025)

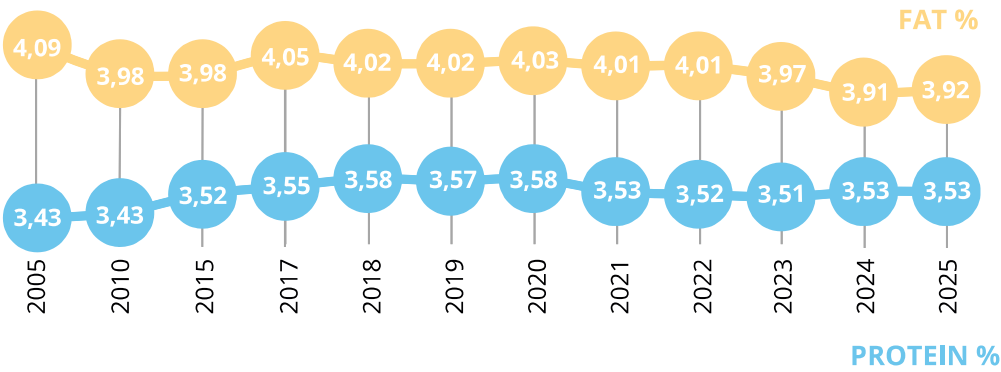


4. MILK PRODUCTION DEVELOPMENT OF RECORDED CZECH FLECKVIEH COWS IN 2024/2025

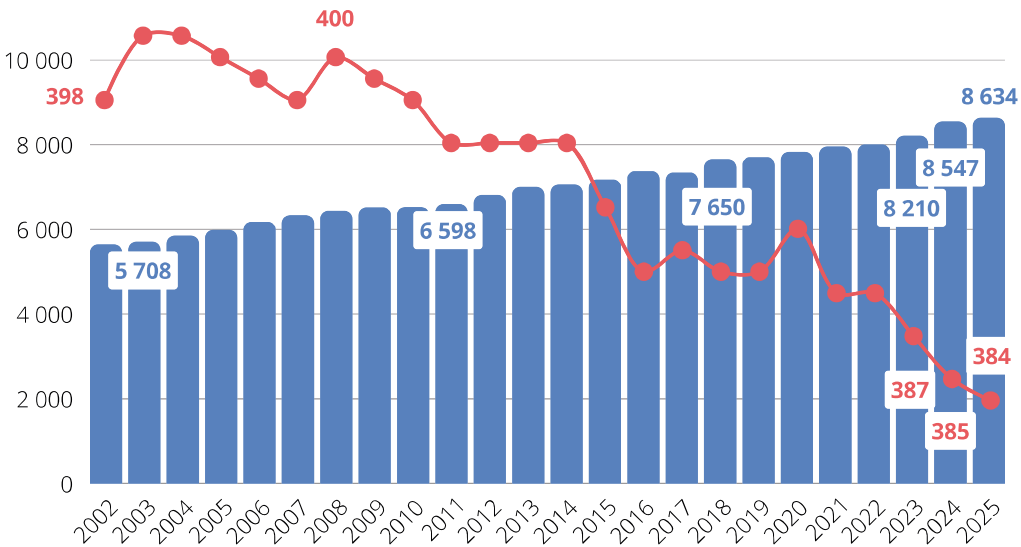
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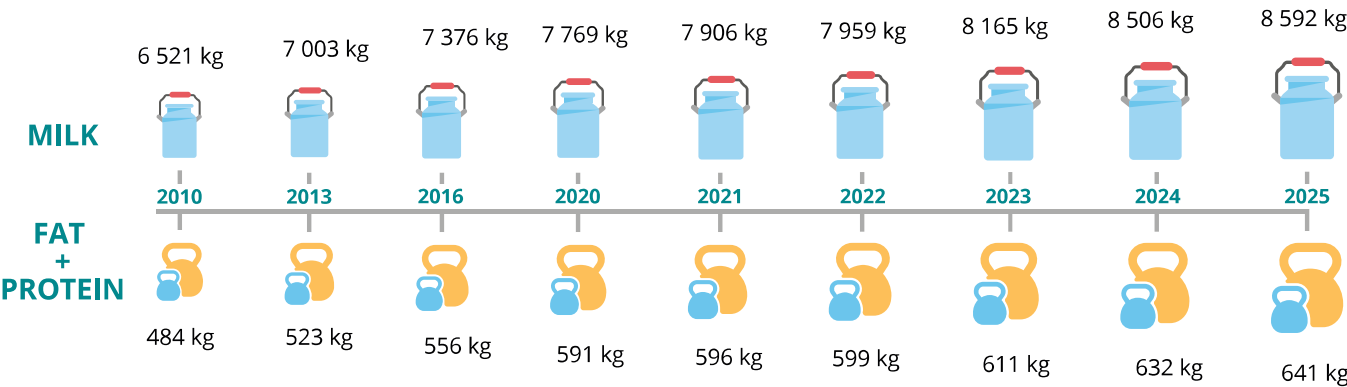
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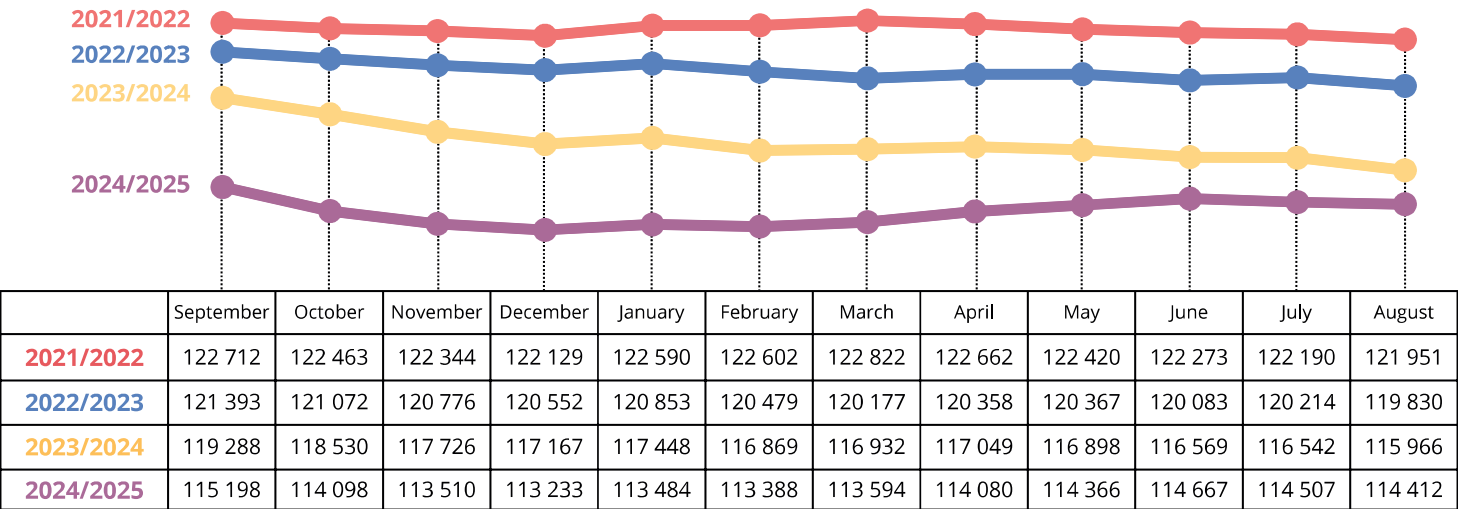
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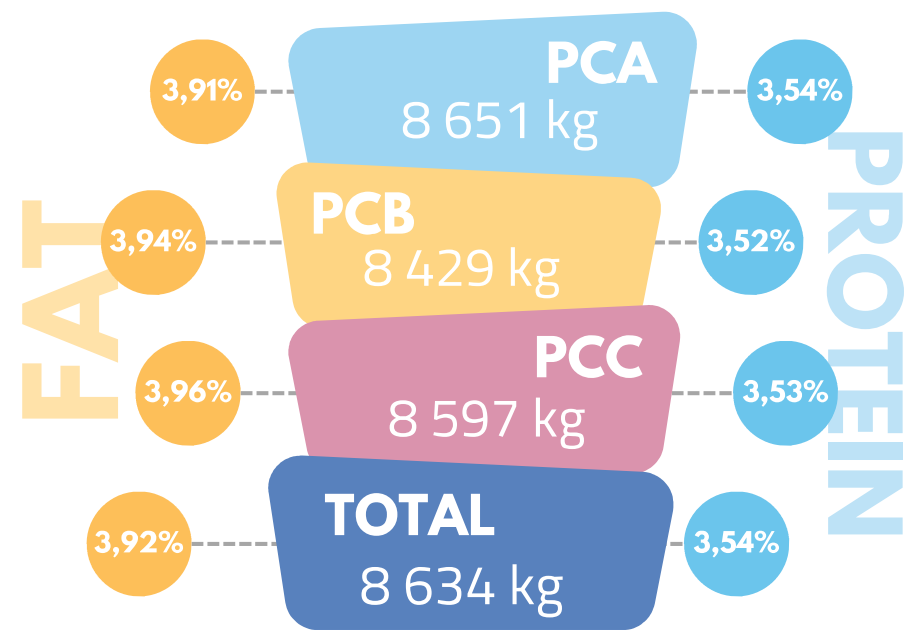
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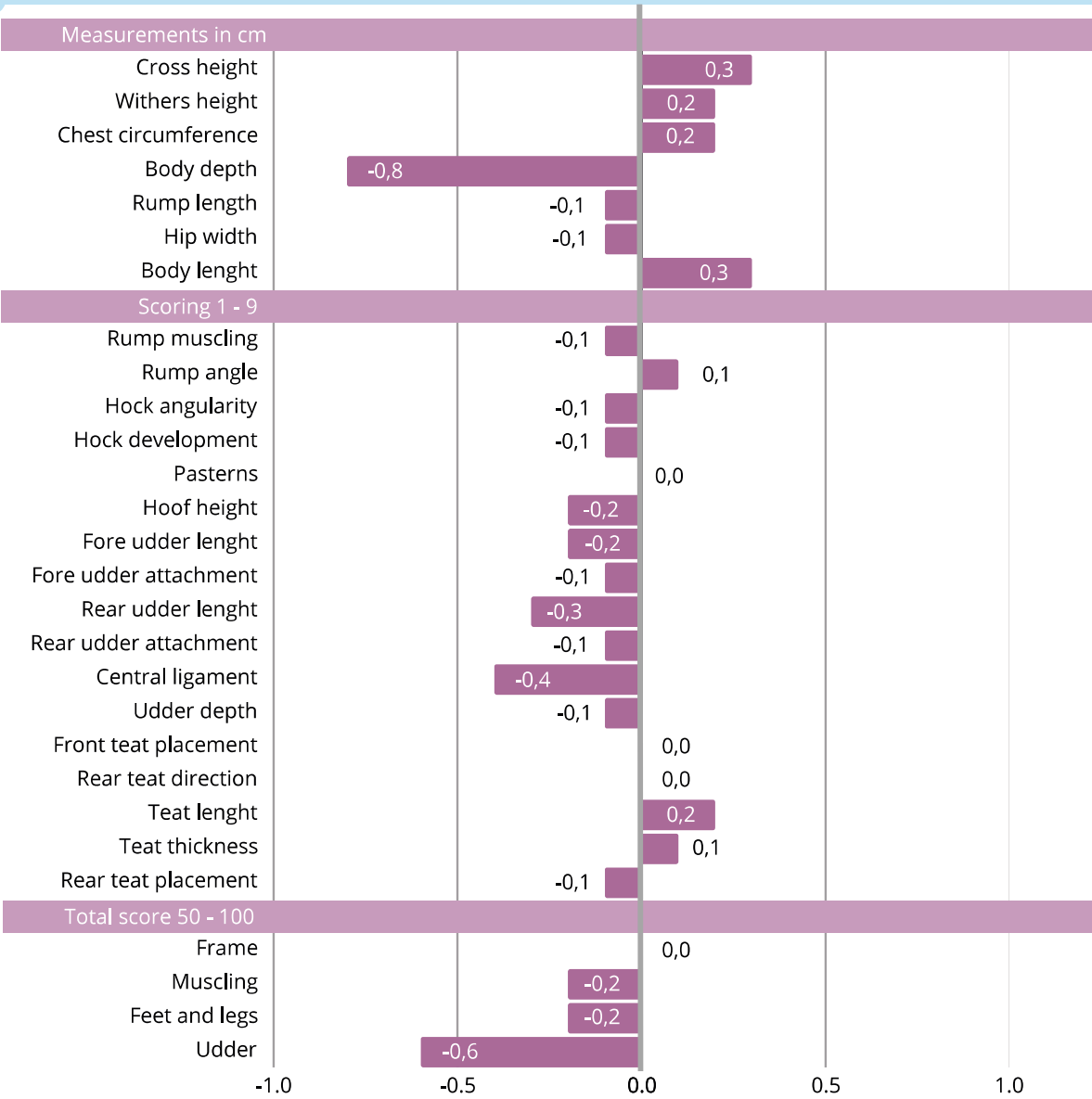
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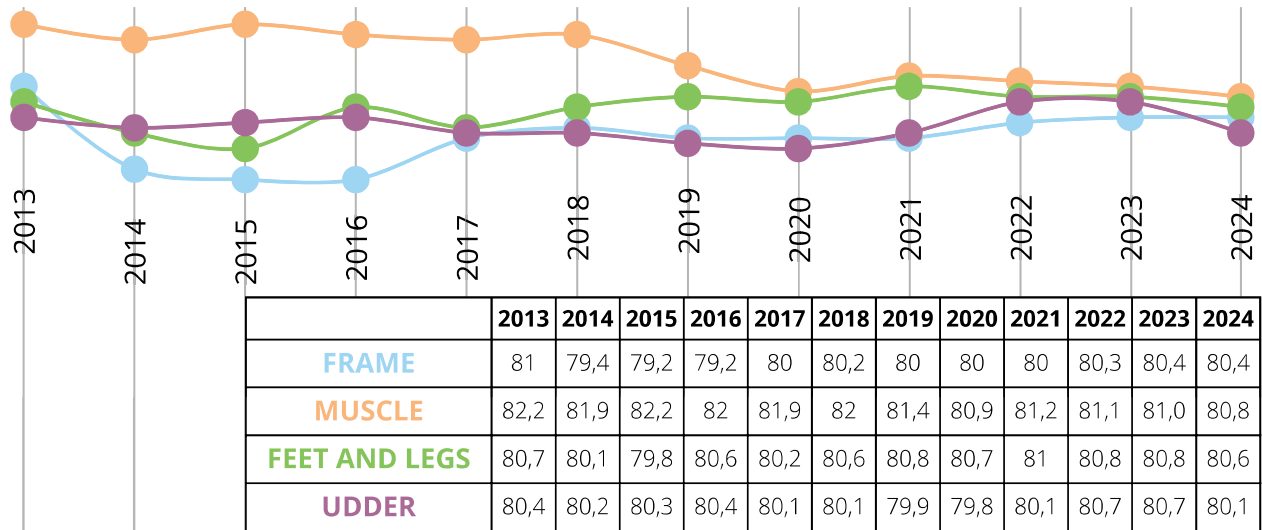
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4.7. THE RESULTS OF MILK RECORDING OF CZECH FLECKVIEH COWS REGISTERED IN HERD BOOK

		Lactations	̄ lactation ranking	Milk kg	Fat %	Protein %	Age of first calving / Calving interval
PCA	1st lactation	31 973		7 705	3,97	3,56	26/27
	2nd and higher lac.	73 232	3,3	9 098	3,89	3,53	384
	Total	105 205	2,6	8 651	3,91	3,54	
PCB	1st lactation	1 807		7 637	3,97	3,55	27/14
	2nd and higher lac.	4 316	3,8	8 724	3,92	3,51	388
	Total	5 921	3,0	8 429	3,94	3,52	
PCC	1st lactation	2 355		7 727	3,99	3,55	27/15
	2nd and higher lac.	5 812	3,4	8 977	3,94	3,53	390
	Total	8 167	2,7	8 597	3,96	3,53	
TOTAL FOR HERD BOOK	1st lactation	36 135		7 703	3,97	3,56	26/29
	2nd and higher lac.	84 419	3,3	9 066	3,90	3,53	384
	Total	120 554	2,6	8 634	3,92	3,54	

4.9. SUMMARY EVALUATION OF EXTERIOR OF PRIMIPAROUS COWS



5. THE BEST FARMS AND COWS IN CONTROL YEAR 2024/2025

5.1. THE BEST FARMS IN CONTROL YEAR 2024/2025 F + P

Rank	Breeder	Farm	N lact.	Milk kg	F %	F kg	P %	P kg	F + P kg	Calv. inter.
1	ZEOS Kamenice, s.r.o.	KAMENICKA	170	11 585	3,84	445	3,51	407	852	395
2	ZS Nažovice, a.s.	NOVA VES VKK	391	10 991	4,03	443	3,50	385	828	369
3	ZD Okrouhlička	OKROUHLICKA	193	10 911	3,92	427	3,51	383	810	393
4	ZD Pluhův Žďár	K532 - C	234	10 701	3,90	417	3,63	389	806	374
5	PODORLICKO a.s. MISTROVICE	VERMEROVICE MF	372	10 733	3,88	416	3,57	383	799	372
6	AGRO Posázaví, a.s.	VADIN	59	11 196	3,71	415	3,40	380	795	387
7	ZD Libín	LIBIN 6R	129	10 626	3,85	409	3,62	384	793	375
8	VOD Zdislavice	ZDISLAVICE C	326	10 940	3,73	409	3,49	381	790	362
9	Novák Jaroslav	OSLETIN 3	61	10 173	4,04	411	3,64	370	781	423
10	ZD Chyšky	RATIBOR	292	10 516	3,93	414	3,47	365	779	400
11	ŽIHELSKÝ STATEK, a.s.	ZIHLE	162	10 472	3,83	401	3,60	377	778	391
12	Školní statek Humpolec	HUMPOLEC,DUSILOV 384	223	10 459	3,92	410	3,48	364	774	382
13	DVPM Slavíkov	SLAVIKOV,UE,KU,INS.	74	10 909	3,62	395	3,46	378	773	357
14	LUKRENA a.s.	RENCE VKK CESTR	116	10 650	3,76	401	3,49	372	773	371
15	FRÜHBAUER JAN	PERSIKOV	114	10 429	3,80	396	3,59	375	771	375
16	ZD Nová Ves - Víška	NOVA VES	398	11 221	3,35	375	3,52	395	770	382
17	ZS Dobříš, s.r.o.	MOKROVRATY VKK	301	10 002	3,97	397	3,72	372	769	369
18	ZS Zhoř a.s.	VKK ZHOR K I	348	9 924	4,06	403	3,66	363	766	385
19	VIKA Kameničná a.s.	KNEZSTVI K	228	10 670	3,78	404	3,39	362	766	380
20	DV Police nad Metují	SUCHY DUL VKK	366	10 052	3,93	395	3,68	370	765	399
21	ZD Černovice u Tábora	LIDMAN	227	9 748	4,24	414	3,59	350	764	429
22	Zderaz, zemědělské družstvo	HLUBOKA	516	10 123	3,93	398	3,60	365	763	370
23	Zemědělská a.s. Horní Bradlo	JAVORNE	373	10 497	3,73	392	3,53	370	762	362
24	ZOD "Blata"	SEMLEC ROBOT	97	10 136	3,93	398	3,58	363	761	399
25	ZD Velká Chyška	VELKA CHYSKA-VKK	464	10 296	3,83	394	3,54	364	758	374

5.2. FLECKVIEH COWS WITH THE HIGHEST PRODUCTION OF F + P IN CONTROL YEAR 2024/2025

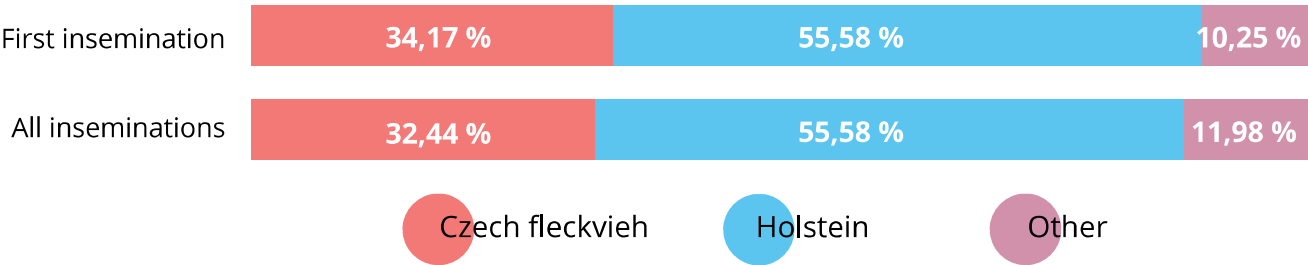
Rank	Cow	Breeder	Sire	Sire-name	SM	Lac.	Milk kg	F %	F kg	P %	P kg	F + P kg	Calving interval
1	CZ000473497953	ZOD Žichlínek	RAD-439	KWASHA	HCH-013	3	16 681	4,15	692	3,40	567	1 259	334
2	CZ000446484953	ZOD Žichlínek	MOR-258	OPUS	RAD-386	4	15 752	4,43	698	3,52	555	1 253	471
3	CZ000636657932	ZD Merklín u Přeštic	PPC-654	POPI	HCH-014	4	15 493	4,36	676	3,71	575	1 251	354
4	CZ000715827931	ZD Chyšky	NIC-015	VALFIN JB	AMT-048	5	16 921	4,16	704	3,08	521	1 225	375
5	CZ000792281931	ZD Chyšky	UF-204	FLIPEX	NIC-015	4	16 035	4,11	659	3,50	561	1 220	408
6	CZ000408599953	Zderaz, zemědělské družstvo	HCH-018	HERZSCHLAG	EG-039	3	16 195	3,93	636	3,52	570	1 206	380
7	CZ000478866921	ZS Dobříš, s.r.o.	EG-039	EPINAL	BD-065	5	15 573	3,96	616	3,70	576	1 192	342
8	CZ000384056952	ZDOBNICE a.s.	RAD-497	VERMEER	RAD-451	5	14 469	4,33	627	3,80	550	1 177	336
9	CZ000792367931	ZD Chyšky	NIC-015	VALFIN JB	RAD-411	4	15 159	4,29	651	3,46	524	1 175	410
10	CZ000542778921	ZAS Ůžice, a.s.	HG-442	WAVE	BCH-135	4	17 064	3,63	620	3,25	554	1 174	428
11	CZ000570230961	ZEOS Kamenice, s.r.o.	HEL-097	CRUMBLE	NIC-015	7	14 065	4,63	651	3,70	520	1 171	528
12	CZ000443875952	AD Lhota pod Libčany	HEL-102	ELASTAR	UF-203	3	14 958	4,37	654	3,46	517	1 171	437
13	CZ000468471921	VOD Zdislavice	HCH-057	HERMELIN	RAD-442	3	16 693	3,74	625	3,21	536	1 161	350
14	CZ000715719931	ZD Chyšky	AMT-048	GALILEO	RAD-277	5	16 501	3,88	641	3,13	516	1 157	366
15	CZ000410787953	ZEMOS Orlické Podhůří a.s.	HCH-014	HARIBO	AMT-048	5	13 927	4,37	609	3,91	545	1 154	387
16	CZ000736738961	ZD Černovice u Tábora	MOR-240	MAHANGO	RAD-516	3	14 697	4,37	642	3,47	510	1 152	368
17	CZ000467805953	VIKA Kameničná a.s.	HCH-039	PASCAL	RAD-227	3	15 793	3,65	576	3,64	575	1 151	404
18	CZ000468383921	VOD Zdislavice	HCH-039	PASCAL	HCH-014	3	16 285	3,71	604	3,34	544	1 148	336
19	CZ000877098961	Havlíčková Borová zem. a.s.	MOR-294	SIUX	RAD-503	2	17 144	3,28	563	3,40	583	1 146	350
20	CZ000775635961	AGROCHEMA, družstvo	HCH-062	ROMCA	MOR-216	3	15 400	4,04	622	3,40	523	1 145	454
21	CZ000531853921	ZS Dobříš, s.r.o.	HCH-039	PASCAL	AMT-088	4	14 179	4,17	591	3,90	553	1 144	374
22	CZ000648138931	ZD Libín	HEL-097	CRUMBLE	NIC-015	7	14 955	4,06	607	3,58	536	1 143	379
23	CZ000736688961	ZD Černovice u Tábora	ZEL-122	LOT	HG-335	4	12 554	5,19	651	3,92	492	1 143	349
24	CZ000468133921	VOD Zdislavice	HCH-057	HERMELIN	NIC-015	3	16 216	3,63	588	3,40	551	1 139	383
25	CZ000933014931	ZD Chyšky	TON-023	LANDOS	NIC-015	1	16 688	3,60	601	3,22	537	1 138	25/17
26	CZ000468138921	VOD Zdislavice	HCH-057	HERMELIN	NIC-015	3	16 197	3,65	591	3,37	546	1 137	416
27	CZ000421742953	Zemědělská a.s. Horní Bradlo	HG-416	WALK	BCH-102	4	15 352	3,86	592	3,54	544	1 136	368
28	CZ000483495921	ZOD 11. KVĚTEN a.s.	HG-333	JEREMY	TAR-061	5	13 230	4,62	611	3,97	525	1 136	435
29	CZ000521553932	VOD Svatobor	RAD-497	VERMEER	RED-601	5	14 288	4,41	630	3,53	505	1 135	356
30	CZ000699431932	ZD Merklín u Přeštic	HCH-048	HAWAI	RAD-504	2	13 836	4,63	640	3,57	494	1 134	377
31	CZ000818461931	ZD Libín	HG-449	ROLLS	UF-205	4	16 379	3,50	574	3,41	558	1 132	339
32	CZ000468204921	VOD Zdislavice	HCH-057	HERMELIN	RAD-488	3	15 949	3,67	585	3,43	547	1 132	356
33	CZ000408593953	Zderaz, zemědělské družstvo	HCH-018	HERZSCHLAG	AMT-048	3	14 038	4,38	615	3,68	516	1 131	405
34	CZ000467764921	VOD Zdislavice	HCH-026	GS HENDORF	HG-414	4	15 975	3,57	570	3,49	558	1 128	390
35	CZ000530300921	ZEAS Oskořínek, a.s.	AMT-048	GALILEO	RED-672	4	15 075	4,07	614	3,40	513	1 127	364
36	CZ000805960961	AD Počátky	MOR-227	LADA	AMT-050	4	14 599	4,40	642	3,29	481	1 123	393
37	CZ000736194961	ZD Černovice u Tábora	MOR-211	IKONA	RAD-253	4	14 133	4,35	615	3,56	503	1 118	469
38	CZ000401420953	Zderaz, zemědělské družstvo	RAD-411	JASPER	AMT-048	4	14 811	4,00	593	3,54	524	1 117	423
39	CZ000820536961	ZEOS Kamenice, s.r.o.	ZEL-129	ORST	UF-205	3	14 262	3,93	560	3,87	552	1 112	385
40	CZ000421675953	Zemědělská a.s. Horní Bradlo	MOR-270	MIAMI	HG-402	5	14 213	4,05	576	3,77	536	1 112	406
41	CZ000468080921	VOD Zdislavice	HCH-048	HAWAI	AMT-066	4	14 604	4,12	601	3,50	511	1 112	337
42	CZ000818441931	ZD Libín	TAR-083	LELABEL	HEL-102	4	15 011	3,85	578	3,54	531	1 109	357
43	CZ000602403932	ZD Merklín u Přeštic	PPC-654	POPI	RAD-497	4	14 336	4,05	580	3,68	528	1 108	366
44	CZ000668946932	ZD Merklín u Přeštic	HCH-056	HYBRID	NXB-317	3	13 954	4,31	601	3,63	507	1 108	343
45	CZ000431690952	ZOPOS a.s.	HG-403	MAGNUM	MOR-248	2	11 668	5,43	633	4,07	475	1 108	419
46	CZ000467572921	VOD Zdislavice	HG-426	WOBBLER	NIC-015	5	15 342	3,64	558	3,58	549	1 107	357
47	CZ000820530961	ZEOS Kamenice, s.r.o.	UF-210	ULEMO	RAD-449	3	16 269	3,37	548	3,43	558	1 106	383
48	CZ000467934921	VOD Zdislavice	HG-426	WOBBLER	HCH-014	3	15 541	3,76	584	3,35	520	1 104	500
49	CZ000726814961	ZD Kožichovice, družstvo	HCH-049	HUTUBI	HCH-022	3	14 575	3,94	574	3,63	529	1 103	402
50	CZ000468747921	VOD Zdislavice	HG-460	GS WHATELSE	HEL-119	2	15 526	3,58	556	3,52	546	1 102	355

5.2. FLECKVIEH COWS WITH THE HIGHEST LIFETIME YIELD

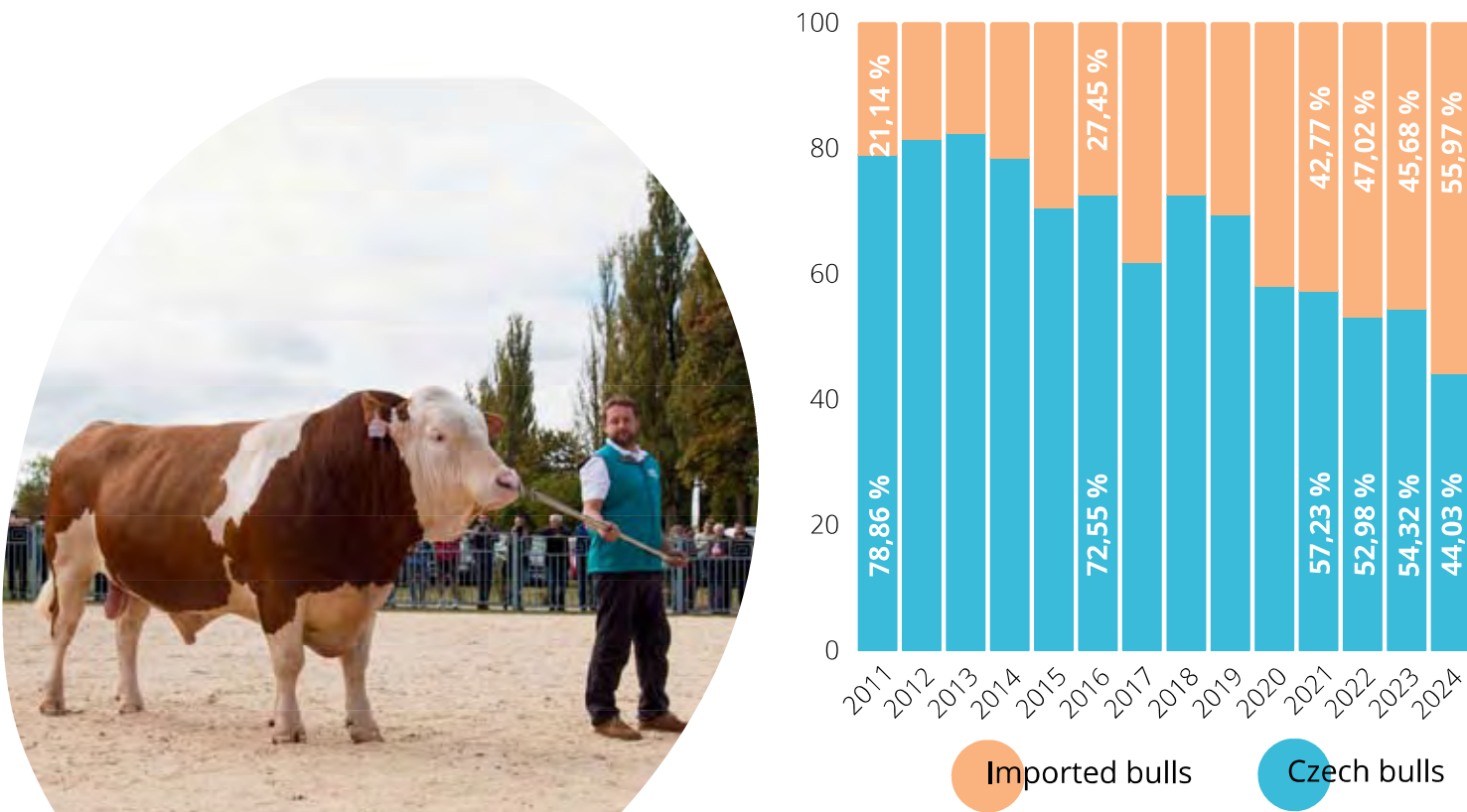
Rank	Cow	Breeder	Sire	Lac.	Milk kg	F %	F kg	P %	P kg	F + P
1	CZ000403314961	ZD Nová Ves - Víška	HG-315	14	141 077	3,18	4 367	3,24	4 452	8 819
2	CZ000376855961	Zemědělské družstvo Okrouhlička	RAD-292	12	134 904	3,92	4 843	3,34	4 130	8 973
3	CZ000143920951	ZETKA Strážník a.s.	HG-311	13	134 363	3,64	4 371	3,45	4 144	8 515
4	CZ000503547961	ZD Nová Ves - Víška	HG-335	8	127 053	3,67	3 802	3,59	3 722	7 524
5	CZ000207447952	Agrodružstvo Lhota pod Libčany	HEL-060	12	126 995	3,48	4 006	3,45	3 975	7 981
6	CZ000500074931	Zemědělské družstvo Bělčice	AMT-065	9	125 120	3,76	4 054	3,14	3 385	7 439
7	CZ000456884961	Školní statek, Humpolec, Dusilov 384	HG-215	10	124 037	4,23	4 661	3,40	3 745	8 406
8	CZ000185390953	ZOD "Bratranců Veverkových" Živanice	REZ-368	14	123 335	4,45	4 903	3,77	4 151	9 054
9	CZ000456865961	Školní statek, Humpolec, Dusilov 384	HEL-070	11	122 211	4,24	4 644	3,51	3 844	8 488
10	CZ000243629953	Zderaz, zemědělské družstvo	UF-094	11	121 354	4,26	4 365	3,60	3 683	8 048
11	CZ000238099952	ZAS Mžany, a.s.	RAD-314	11	121 260	4,10	4 723	3,46	3 994	8 717
12	CZ000437454931	Zemědělské družstvo Ločenice	NIC-015	11	120 368	3,87	4 109	3,44	3 655	7 764
13	CZ000219920952	Zemědělské družstvo Žernov	RAD-323	13	118 896	3,41	3 600	3,15	3 317	6 917
14	CZ000400410961	PROAGRO Radešinská Svratka, a.s.	RAD-265	13	118 559	4,36	5 057	3,73	4 319	9 376
15	CZ000508480961	Bobrovská, a.s.	ZEL-117	10	117 439	4,01	4 094	3,33	3 399	7 493
16	CZ000263604953	Kratochvilová Zdeňka	UF-119	10	116 953	3,82	3 365	3,49	3 070	6 435
17	CZ000292003921	Zemědělská společnost Nalžovice, a.s.	MOR-119	12	116 444	3,81	4 112	3,39	3 657	7 769
18	CZ000255782953	I. AGRO Oldřiš a.s.	BJ-181	10	116 093	3,85	3 756	3,51	3 423	7 179
19	CZ000132921971	Zemědělské družstvo MORAVAN	RAD-064	10	115 919	3,65	2 993	3,22	2 636	5 629
20	CZ000561754961	Zemědělská akciová společnost Lípa	AMT-048	9	115 866	3,84	3 936	3,55	3 640	7 576
21	CZ000363151921	AGRO DRUŽSTVO Načeradec	RAD-253	10	115 168	3,89	4 238	3,47	3 787	8 025
22	CZ000273312961	DVPM Slavíkov	BCH-076	11	113 938	3,48	3 577	3,20	3 292	6 869
23	CZ000291078952	Volanická zemědělská, a.s.	RAD-442	10	113 841	3,86	4 263	3,51	3 881	8 144
24	CZ000238963971	HD Určice, družstvo	BD-085	10	113 736	3,60	3 682	3,50	3 580	7 262
25	CZ000283487953	Zemědělská a.s. Horní Bradlo	NIC-015	10	111 763	3,33	3 528	3,48	3 686	7 214
26	CZ000207162962	Družstvo ZAGRA	MOR-119	11	110 849	4,62	4 909	3,62	3 849	8 758
27	CZ000268731953	ZD "Mezilesí" Telcí	BA-109	11	110 768	3,78	3 956	3,49	3 656	7 612
28	CZ000409381961	Zemědělské družstvo Nížkov	BA-101	12	110 440	3,22	3 448	3,20	3 424	6 872
29	CZ000417248931	Zemědělské družstvo Bělčice	NIC-015	11	110 096	4,27	4 312	3,38	3 415	7 727
30	CZ000269897953	Zemědělské družstvo Chýšť	NIC-015	11	110 058	4,42	4 595	3,86	4 007	8 602
31	CZ000503528961	ZD Nová Ves - Víška	HG-329	10	109 671	3,27	3 482	3,43	3 644	7 126
32	CZ000460175931	Zemědělské družstvo Bělčice	UF-141	11	109 354	4,10	4 107	3,36	3 361	7 468
33	CZ000504140961	ZD Kožichovice, družstvo	HG-330	11	108 836	3,54	3 728	3,30	3 473	7 201
34	CZ000519210961	PROAGRO Radešinská Svratka, a.s.	ZEL-117	10	108 492	3,81	4 106	3,35	3 611	7 717
35	CZ000296096952	ZD Podchlumí Dobrá Voda	HG-311	7	108 174	3,61	3 209	3,30	2 936	6 145
36	CZ000291065952	Volanická zemědělská, a.s.	NIC-015	9	107 819	3,70	3 814	3,39	3 496	7 310
37	CZ000508614961	Zemědělské družstvo Okrouhlička	HG-273	9	106 599	3,77	3 552	3,46	3 258	6 810
38	CZ000304497953	Zemědělská a.s. Horní Bradlo	NIC-015	11	106 534	3,29	3 456	3,37	3 535	6 991
39	CZ000489726931	ZOD "Blata"	HEL-081	10	105 715	3,94	3 696	3,51	3 287	6 983
40	CZ000312174953	Zemědělská a.s. Bystřec	AMT-048	9	105 179	3,54	3 396	3,57	3 425	6 821
41	CZ000612535961	Zemědělské družstvo Velká Losenice	HG-290	7	104 906	3,75	3 437	3,19	2 922	6 359
42	CZ000324475932	Příkosická zemědělská a.s.	RAD-359	10	104 854	4,03	3 459	3,61	3 101	6 560
43	CZ000179609972	AGROVA a.s.	MOR-189	12	104 682	3,63	3 632	3,25	3 250	6 882
44	CZ000173820951	ZETKA Strážník a.s.	HG-260	11	104 476	4,03	4 137	3,40	3 487	7 624
45	CZ000261140971	HD Určice, družstvo	ZEL-117	9	104 406	3,96	3 535	3,29	2 944	6 479
46	CZ000519221961	PROAGRO Radešinská Svratka, a.s.	HG-341	10	103 846	3,97	3 999	3,50	3 529	7 528
47	CZ000250648971	HD Určice, družstvo	ZEL-117	11	103 747	3,93	3 940	3,58	3 592	7 532
48	CZ000500045931	Zemědělské družstvo Bělčice	HEL-078	11	103 706	3,82	3 796	3,48	3 452	7 248
49	CZ000571086961	PROAGRO Radešinská Svratka, a.s.	MOR-184	8	103 360	3,86	3 599	3,64	3 390	6 989
50	CZ000207138962	Družstvo ZAGRA	NIC-017	11	102 992	3,95	3 811	3,26	3 148	6 959

6. ARTIFICIAL INSEMINATION

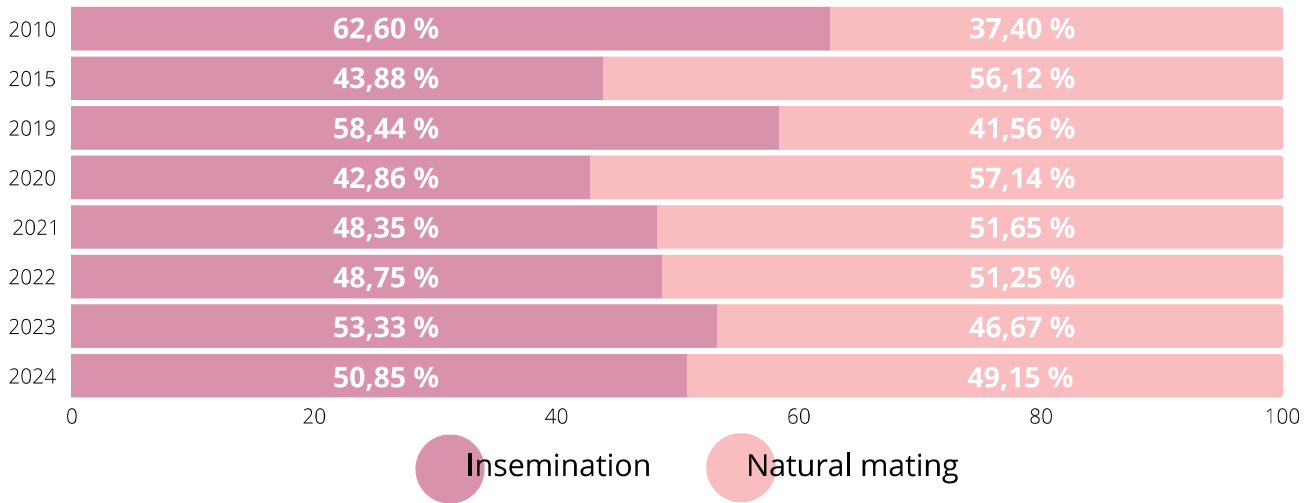
6.1. PROPORTION OF THE FIRST AND ALL INSEMINATIONS IN DIFFERENT BREEDS



6.2. THE PROPORTION OF INSEMINATIONS OF CZECH AND IMPORTED BULLS IN HERD BOOK



6.3. PROPORTION OF BULLS INCLUDED IN INSEMINATION AND NATURAL MATING



6.4. BREEDING BULLS WITH THE HIGHEST NUMBER OF INSEMINATIONS (1.1.2025 - 30.9.2025)

Rank	Register	Name	Birth	Category	1st ins.	All ins.	GZW	MW	FW	Country
1	HCH-187	HALOGEN	2023	Genomic	5 153	9 074	140	121	114	DE
2	RAD-572	VIRGINIA	2018	Proven	3 345	6 068	133	125	111	DE
3	MOR-354	MOHER P*S	2022	Genomic	2 473	4 748	124	127	92	CZ
4	MOR-355	MAJO	2018	Proven	2 354	4 606	129	118	112	DE
5	HG-557	KH WARMELIN	2022	Genomic	1 967	4 234	129	127	105	CZ
6	MOR-370	MIRA Pp*	2023	Genomic	2 439	4 228	124	118	106	CZ
7	HCH-130	HILLER	2021	Genomic	2 203	4 156	139	128	117	DE
8	RAD-631	VEMI	2023	Genomic	2 280	4 122	132	127	110	CZ
9	BA-146	DOMINATOR ET	2023	Genomic	2 064	4 050	136	131	113	CZ
10	HCH-173	HIRTSTEIN	2022	Genomic	1 696	3 380	140	130	111	CZ
11	BD-125	SNOWMAN ET	2022	Genomic	1 826	3 200	141	117	114	DE
12	ZEL-153	ZELDA	2021	Genomic	1 067	3 135	135	123	111	AT
13	HCH-131	HOPFEN	2021	Genomic	1 721	3 100	141	114	127	DE
14	HG-503	WARLOCK ET	2019	Proven	1 505	3 017	135	124	104	DE
15	HG-578	WORLDBEST PP*	2023	Genomic	1 716	3 000	138	124	103	DE
16	BD-138	GS SANDERS Pp*	2023	Genomic	1 628	2 951	131	120	96	AT
17	HCH-177	HORKY	2023	Genomic	1 391	2 811	139	128	113	CZ
18	HG-571	WERICH Pp*	2023	Genomic	1 411	2 788	133	121	94	AT
19	BD-131	SUMATRA Pp*	2022	Genomic	1 531	2 697	133	115	109	DE
20	HG-562	GS WUHUDLER	2018	Proven	1 312	2 544	133	124	93	AT
21	MOR-374	MEDEON ET P*S	2023	Genomic	1 448	2 518	139	124	108	DE
22	HG-580	WIDERHALL ET	2023	Genomic	1 117	2 368	143	124	114	DE
23	MOR-315	MAKAY	2019	Proven	1 180	2 289	133	121	105	DE
24	RAD-632	RS VIKOMT	2023	Genomic	1 314	2 184	131	123	102	CZ
25	MOR-353	MAJSTER	2021	Genomic	1 096	2 132	132	126	107	CZ
26	HCH-182	HUDORA ET	2022	Genomic	1 164	2 118	135	126	109	DE
27	RAD-616	VIKTORIN	2021	Genomic	1 177	2 110	127	116	114	CZ
28	BD-141	STRADIVARI	2023	Genomic	1 183	2 108	136	123	103	DE
29	HG-577	GS WILDTRAK Pp*	2023	Genomic	1 072	2 045	141	124	109	AT
30	RAD-617	VIRUS	2022	Genomic	1 037	2 045	127	126	100	CZ
31	HCH-141	HUML	2021	Genomic	965	1 981	129	117	113	AT
32	BD-144	SPACE Pp*	2022	Genomic	991	1 904	134	116	102	DE
33	HCH-157	HIBERNAL Pp*	2022	Genomic	995	1 855	129	114	116	CZ
34	RAD-623	VIENETTA	2022	Genomic	1 047	1 789	136	119	113	DE
35	MOR-358	MEGASTAR Pp*	2022	Genomic	892	1 473	140	133	105	AT

12 bulls out of 35 *

37 899 inseminations

Ø GZW 130,8

CZ

16 bulls out of 35 *

54 012 inseminations

Ø GZW 136,6

DE

7 bulls out of 35 *

16 917 inseminations

Ø GZW 134,6

AT

*out of 35 most used bulls (in the period 1.1.2025 - 30.9.2025)



DE
HCH-187
HALOGEN



DE
RAD-572
VIRGINIA



MOR-354
MOHER P*S

CZ



DE
MOR-355
MAJO



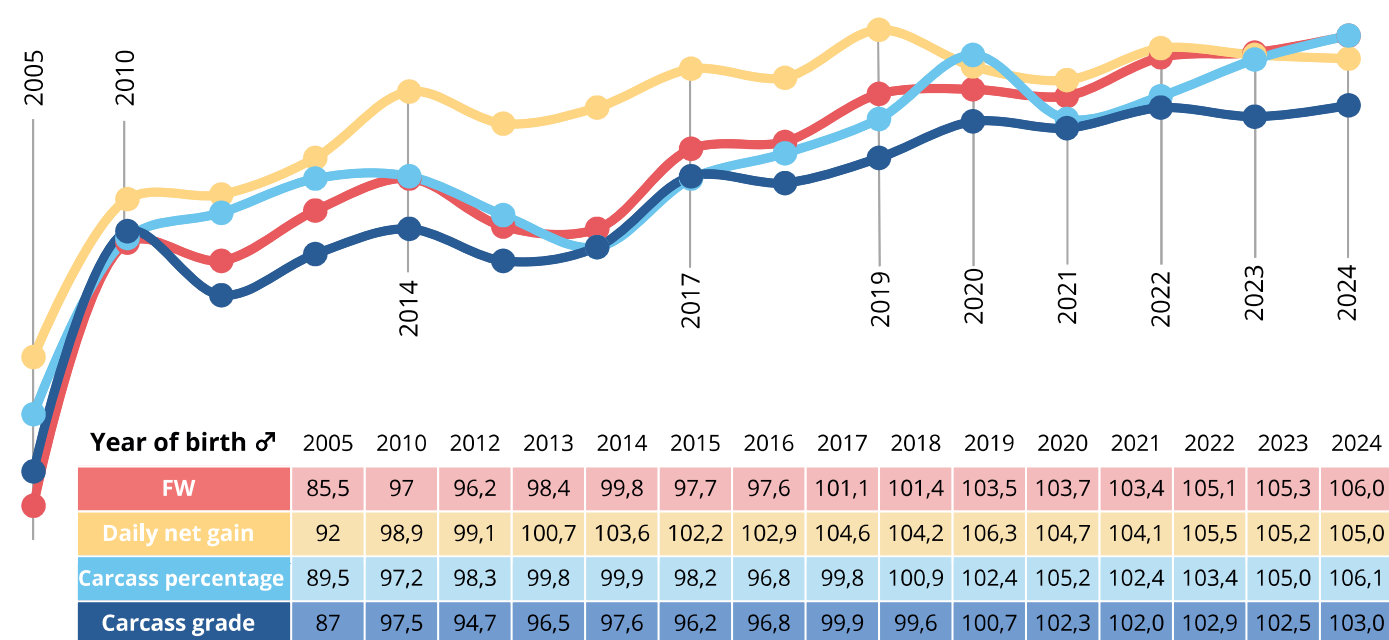
CZ
HG-557
KH WARMELIN



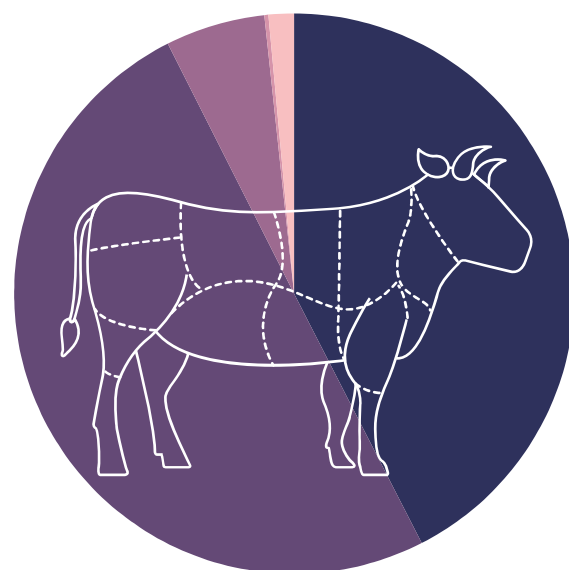
CZ
MOR-370
MIRA Pp*

7. BEEF PRODUCTION

7.1. GENETIC TREND OF BEEF PRODUCTION OF YOUNG BULLS



7.2. EUROP CLASSIFICATION - CLASSIFICATION OF FLECKVIEH BULLS IN 2025



E 1,47 %

U 42,47 %

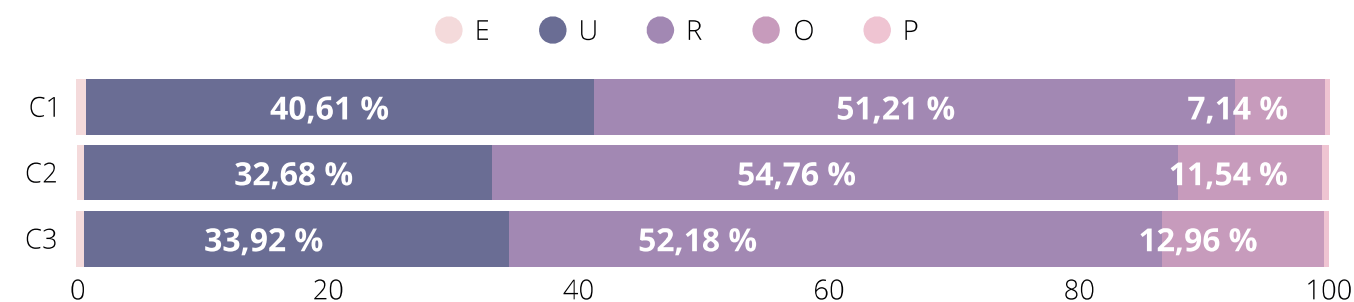
R 50,08 %

O 5,74 %

P 0,24 %



7.3. EUROP CLASSIFICATION - CLASSIFICATION OF FLECKVIEH BULLS ACCORDING TO HERD BOOK SECTION



	E	P
C1	0,74	0,30
C2	0,53	0,49
C3	0,59	0,35

*2020 - 2025



8. PROJECT CATTLE GENOM

8.1. STATISTICS FOR THE 5TH YEAR OF THE PROJECT

5.
YEAR



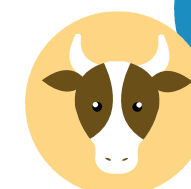
58 919 animals
WITH THE GENOTYPE WITHIN THE
CATTLE GENOME PROJECT



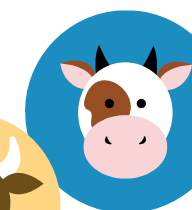
83 220
CZECH FLECKVIEHS
WITH OWN GENOTYPE



75 breeders
INVOLVED IN THE CATTLE
GENOME PROJECT AT THE
5TH YEAR OF THE PROJECT

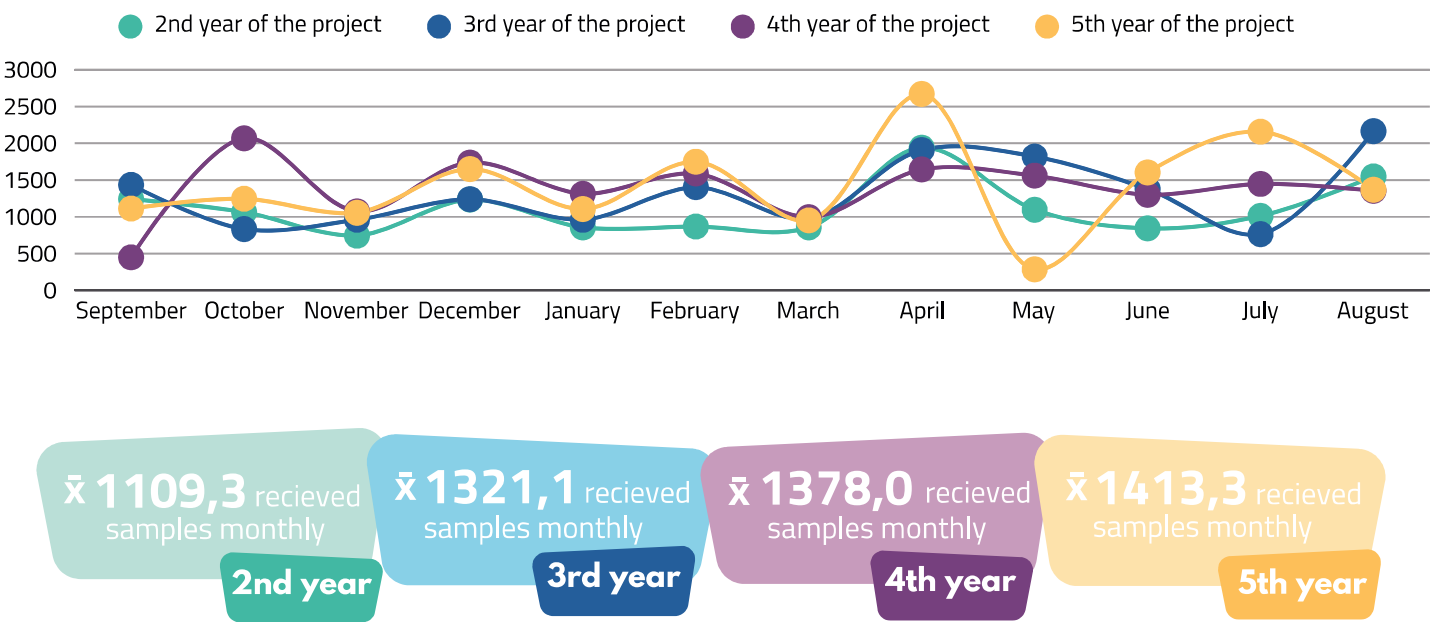


6 182 bulls
WITH GENOTYPE



77 038 cows
WITH GENOTYPE

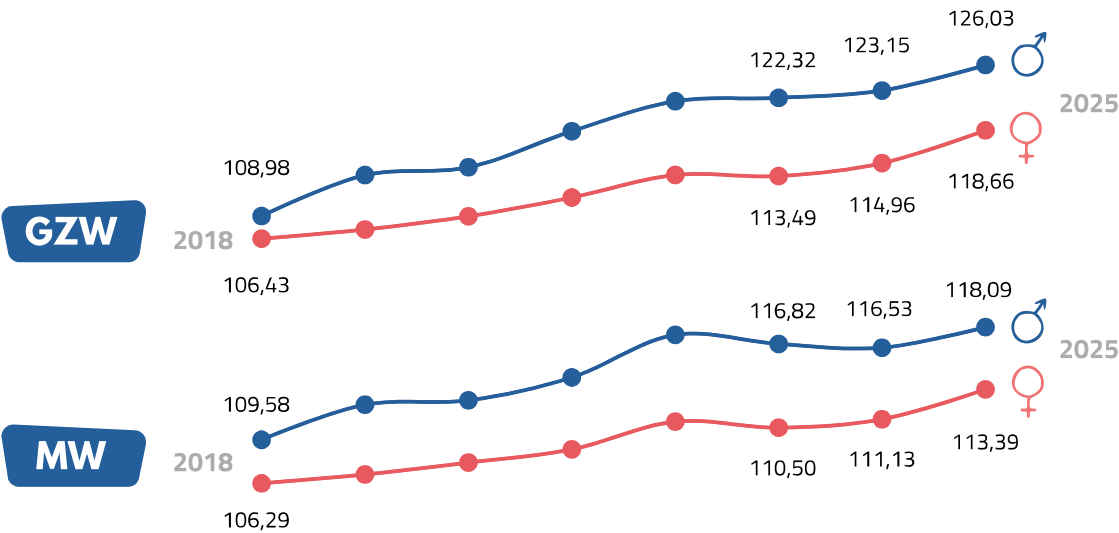
8.2. YEAR-ON-YEAR COMPARISON OF THE NUMBER OF RECEIVED SAMPLES



8.3. AVERAGES OF MAIN GENOMIC TRAITS OF GENOTYPED ANIMALS BY YEAR OF BIRTH

♂ Bulls						♀ Cows				
Year of birth	No.	$\bar{x}$ GZW	$\bar{x}$ MW	$\bar{x}$ FW	$\bar{x}$ FIT	No.	$\bar{x}$ GZW	$\bar{x}$ MW	$\bar{x}$ FW	$\bar{x}$ FIT
2018	462	108,98	109,58	99,91	101,37	2 753	106,43	106,29	98,66	102,69
2019	493	113,60	112,23	101,95	103,90	4 228	107,46	106,96	100,01	102,56
2020	582	114,49	112,56	102,99	103,91	6 322	108,95	107,86	100,70	103,30
2021	786	118,56	114,29	104,90	107,03	8 401	111,07	108,68	101,87	104,97
2022	783	121,94	117,51	104,48	108,58	10 539	113,62	110,95	102,01	105,96
2023	787	122,32	116,82	105,30	109,74	15 323	113,49	110,50	102,13	106,22
2024	821	123,15	116,53	106,04	110,92	16 994	114,96	111,13	102,71	107,34
2025*	415	126,03	118,09	106,58	113,17	6 614	118,66	113,39	104,27	109,32
Ø 2022 - 2024	2 391	122,48	116,95	105,29	109,77	42 856	114,10	110,86	102,33	106,60

*year 2025 - the period 1.1.2025 - 23.7.2025



8.4. AVERAGES OF MAIN GENOMIC TRAITS OF YOUNG GENOTYPED BULLS IN DAC

*before being included in breeding

Country	N bulls	$\bar{x}$ GZW	$\bar{x}$ MW	$\bar{x}$ FW	$\bar{x}$ FIT
CZ	6 002	109,11	108,36	101,31	102,46
DE	88 662	107,41	105,88	102,94	102,03
AT	42 169	108,24	105,62	102,4	103,64
Total	136 833	107,74	105,91	102,7	102,55

355 bulls with GZW higher than 130
i.e. 5,91 %

CZ

5 201 bulls with GZW higher than 130
i.e. 5,87 %

DE

2 417 bulls with GZW higher than 130
i.e. 5,73 %

AT

8.5. GENETIC DEFECTS IN YOUNG BULLS BEFORE SELECTION OF THE DAC POPULATION WITH GZW ABOVE 130

Total number of young DAC bulls with GZW higher than 130	7 973		
	FREE	CARRIER	SICK
F5 - Fleckvieh haplotype 5	7 831	140	0
F4 - Fleckvieh haplotype 4	7 505	466	0
F2 - Fanconi-Bickel syndrome	7 863	106	0
DW - Dwarfism	7 952	18	1
B2 - Brown Swiss haplotype 2	7 927	45	0
TP - Thrombopathy	7 859	113	0
AR - Arachnomelia	7 964	8	0
ZL - Zinc deficiency-like syndrome	7 960	4	0
MS - Bovine male subfertility	7 425	526	6
F1 - Fleckvieh haplotype 1	7 661	310	0

*In some animals, the DNA defect was not determined at the given locus

8.6. TOP BULLS ACCORDING TO GZW OF GENOTYPED OFFSPRING BORN IN 2024

*only bulls with more than 50 genotyped progeny born in the period 1.1.2024-31.12.2024 are included in the summaries in Tables 8.6, 8.7. and 8.8.

				Bulls				Heifers				Total			
	Name	Register	Prov.	n	̄GZW	̄MW	̄FW	n	̄GZW	̄MW	̄FW	n	̄GZW	̄MW	̄FW
1	HEISS	HCH-144	DE	28	131,11	118,36	113,61	88	131,57	116,97	112,53	116	131,46	117,30	112,79
2	MEGASTAR	MOR-358	AT	59	130,00	125,24	106,63	119	126,96	121,91	104,64	178	127,97	123,02	105,31
3	HOPFEN	HCH-131	DE	21	131,86	116,19	115,57	220	125,50	112,52	113,14	241	126,07	112,85	113,35
4	MONORON	MOR-357	AT	60	127,27	119,38	104,20	270	125,65	117,30	104,46	330	125,95	117,68	104,41
5	MANGAN	MOR-365	DE	8	130,38	123,75	103,75	44	124,40	116,86	106,10	52	125,36	117,96	105,71
6	HOSARIO	HCH-170	DE					79	123,63	120,23	102,23	79	123,63	120,23	102,23
7	MIRACLE	MOR-361	DE	12	126,17	114,50	107,75	66	123,02	114,42	107,81	78	123,51	114,43	107,80
8	HASHTAG	HCH-093	DE	1	142,00	126,00	122,00	67	123,17	114,82	110,54	68	123,45	114,99	110,74
9	ZIO	ZEL-155	AT	8	125,88	120,50	107,75	83	122,63	117,38	105,86	91	122,92	117,66	106,03
10	HROM	HCH-139	CZ	12	128,67	120,83	116,83	353	122,62	116,36	110,03	365	122,82	116,51	110,25
11	ZELDA	ZEL-153	AT	20	127,21	119,42	107,32	268	122,38	115,98	105,91	288	122,70	116,21	106,00
12	WASSERSPIEL	HG-548	DE	22	127,59	124,45	100,27	91	121,27	118,73	97,32	113	122,51	119,86	97,90
13	HUJER	HCH-142	CZ	4	122,75	119,25	109,75	67	122,39	119,33	110,43	71	122,41	119,32	110,39
14	MAJESTIX	MOR-312	DE					54	122,02	109,91	106,73	54	122,02	109,91	106,73
15	HYDE	HCH-164	CZ	7	128,29	120,86	106,43	70	120,97	113,61	106,19	77	121,64	114,27	106,21
16	DELUXE	BA-137	AT	5	124,20	122,40	109,00	303	121,13	118,75	104,39	308	121,19	118,81	104,47
17	VIRGINIA	RAD-572	DE	1	117,00	113,00	111,00	76	120,95	116,64	104,72	77	120,89	116,59	104,80
18	SENEGAL	BD-123	DE	1	135,00	122,00	110,00	89	120,46	114,81	104,82	90	120,62	114,89	104,88
19	WUNDAWUZI	HG-526	AT	6	128,00	110,67	110,00	51	119,35	105,35	105,41	57	120,35	105,91	106,02
20	SENATOR	BD-115	DE	21	122,00	112,00	107,38	88	119,59	109,72	105,44	109	120,06	110,16	105,82
21	WARLOCK	HG-503	DE	1	117,00	119,00	97,00	123	120,01	114,77	101,96	124	119,98	114,81	101,92
22	HASSO	HCH-165	DE					65	119,75	114,85	105,09	65	119,75	114,85	105,09
23	HOERI	HCH-110	AT	3	125,67	115,67	100,33	126	119,60	116,68	101,01	129	119,75	116,66	100,99
24	WIN AGAIN	HG-541	AT	18	127,33	120,61	108,39	158	118,76	114,97	107,07	176	119,66	115,56	107,21
25	HRDOBEC	HCH-143	CZ	16	125,38	122,81	105,56	249	119,27	116,25	104,60	265	119,64	116,65	104,66
26	HAN SOLO	HCH-128	DE	23	123,52	117,04	107,83	567	119,42	113,17	106,00	590	119,58	113,32	106,07
27	HAWK ET	HCH-162	CZ	4	124,00	120,00	107,75	85	118,95	119,02	106,19	89	119,18	119,07	106,26
28	NA ZORAN	ZEL-156	CZ	2	122,00	115,50	110,00	55	119,05	113,73	103,36	57	119,16	113,79	103,60
29	SEBALDUS	BD-120	AT	8	125,75	115,25	110,50	71	118,26	111,12	108,30	79	119,04	111,55	108,53
30	SPUTNIK	BD-116	AT	13	125,54	114,54	104,46	77	117,90	108,14	106,58	90	119,00	109,07	106,28



DE HCH-144
HEISS



AT MOR-358
MEGASTAR



DE HCH-131
HOPFEN

8.7. TOP BULLS ACCORDING TO MW OF GENOTYPED OFFSPRING BORN IN 2024

				Bulls				Heifers				Total			
	Name	Register	Prov.	n	̄GZW	̄MW	̄FW	n	̄GZW	̄MW	̄FW	n	̄GZW	̄MW	̄FW
1	MEGASTAR	MOR-358	AT	59	130,00	125,24	106,63	119	126,96	121,91	104,64	178	127,97	123,02	105,31
2	HOSARIO	HCH-170	DE					79	123,63	120,23	102,23	79	123,63	120,23	102,23
3	WASSERSPIEL	HG-548	DE	22	127,59	124,45	100,27	91	121,27	118,73	97,32	113	122,51	119,86	97,90
4	WOELSAU	HG-552	DE	10	126,30	122,90	102,10	214	118,02	119,44	98,60	224	118,39	119,59	98,76
5	HUJER	HCH-142	CZ	4	122,75	119,25	109,75	67	122,39	119,33	110,43	71	122,41	119,32	110,39
6	HAWK ET	HCH-162	CZ	4	124,00	120,00	107,75	85	118,95	119,02	106,19	89	119,18	119,07	106,26
7	DELUXE	BA-137	AT	5	124,20	122,40	109,00	303	121,13	118,75	104,39	308	121,19	118,81	104,47
8	MANGAN	MOR-365	DE	8	130,38	123,75	103,75	44	124,40	116,86	106,10	52	125,36	117,96	105,71
9	MONORON	MOR-357	AT	60	127,27	119,38	104,20	270	125,65	117,30	104,46	330	125,95	117,68	104,41
10	ZIO	ZEL-155	AT	8	125,88	120,50	107,75	83	122,63	117,38	105,86	91	122,92	117,66	106,03



AT MOR-358
MEGASTAR



DE HCH-170
HOSARIO



DE HG-548
WASSERSPIEL

8.8. TOP BULLS ACCORDING TO FW OF GENOTYPED OFFSPRING BORN IN 2024

				Bulls				Heifers				Total			
	Name	Register	Prov.	n	̄GZW	̄MW	̄FW	n	̄GZW	̄MW	̄FW	n	̄GZW	̄MW	̄FW
1	HOPFEN	HCH-131	DE	21	131,86	116,19	115,57	220	125,50	112,52	113,14	241	126,07	112,85	113,35
2	HEISS	HCH-144	DE	28	131,11	118,36	113,61	88	131,57	116,97	112,53	116	131,46	117,30	112,79
3	HASHTAG	HCH-093	DE	1	142,00	126,00	122,00	67	123,17	114,82	110,54	68	123,45	114,99	110,74
4	HUJER	HCH-142	CZ	4	122,75	119,25	109,75	67	122,39	119,33	110,43	71	122,41	119,32	110,39
5	HROM	HCH-139	CZ	12	128,67	120,83	116,83	353	122,62	116,36	110,03	365	122,82	116,51	110,25
6	RAMON	EG-051	CZ					95	110,93	110,33	109,31	95	110,93	110,33	109,31
7	SEBALDUS	BD-120	AT	8	125,75	115,25	110,50	71	118,26	111,12	108,30	79	119,04	111,55	108,53
8	HABANERO	HCH-122	DE					66	118,59	115,24	108,52	66	118,59	115,24	108,52
9	HIBERNAL	HCH-157	CZ	3	123,00	114,33	109,00	132	118,75	111,54	107,97	135	118,84	111,60	107,99
10	MIRACLE	MOR-361	DE	12	126,17	114,50	107,75	66	123,02	114,42	107,81	78	123,51	114,43	107,80



DE HCH-131
HOPFEN

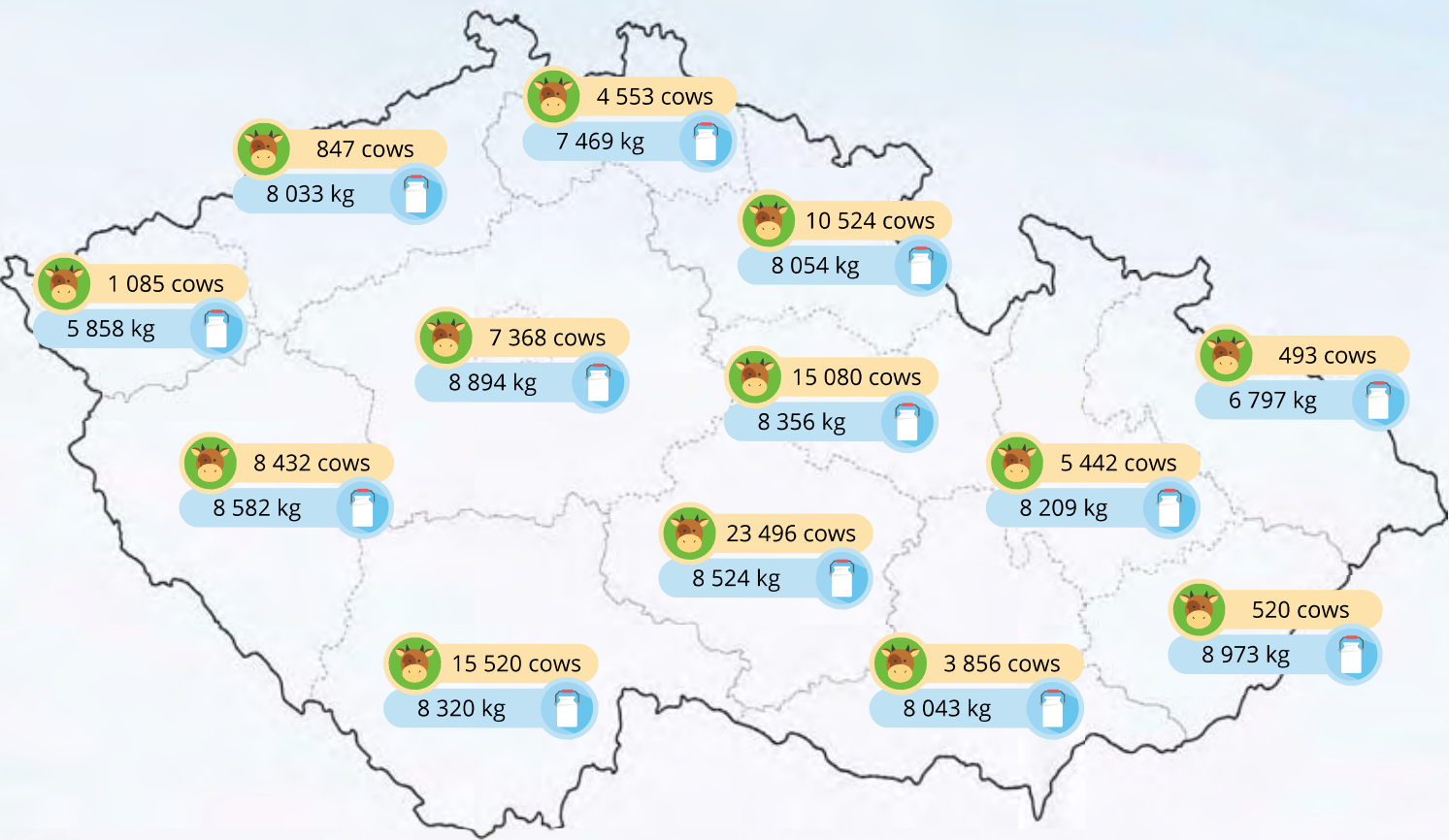


DE HCH-144
HEISS



DE HCH-093
HASHTAG

9. OVERVIEW OF THE AVERAGE MILK YIELD AND THE NUMBER OF COMPLETED LACTATIONS
IN REGIONS OF THE CZECH REPUBLIC (2024/2025)



Number of completed lactations of Fleckvieh cows registered in the herd book in milk recording

Average milk yield

Region	Breeders	Stables	Cows	Lactations		Average milk yield	
Jihočeský kraj	91	109	19 127	15 520	-1 428	8 319,54	+345,54
Jihomoravský kraj	17	22	4 648	3 856	-233	8 043,35	+21,35
Karlovarský kraj	6	6	1 342	1 085	-24	5 857,67	-739,33
Kraj Vysočina	109	122	27 493	23 496	-432	8 524,30	+309,30
Královéhradecký kraj	53	62	12 082	10 524	-163	8 054,25	+9,25
Liberecký kraj	23	30	5 121	4 553	-334	7 469,30	+331,30
Moravskoslezský kraj	6	6	560	493	+31	6 796,50	-323,50
Olomoucký kraj	20	21	6 296	5 442	-109	8 208,90	+14,90
Pardubický kraj	62	68	17 428	15 080	-854	8 355,77	+25,77
Plzeňský kraj	39	45	9 552	8 432	-771	8 581,59	+307,59
Středočeský kraj	33	40	8 381	7 368	-331	8 894,30	+634,30
Ústecký kraj	8	10	994	847	-44	8 032,63	+117,63
Zlínský kraj	5	5	576	520	-109	8 973,20	-47,80

The difference compared to the control year 2023/2024 is shown for the data Lactations and Average milk yield.

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