

E-journ@l

issue May 2024



World Simmental Fleckvieh Federation
www.wsff.info



European Simmental Federation
www.euf-esf.info

The Fleckvieh-Simmental world meets in Canada!



Die Fleckvieh-Simmental Welt trifft sich in Kanada!

The next Fleckvieh-Simmental World Congress will take place in Canada this summer. Now that many meetings are being held online, it is high time to meet in person and talk about interesting developments in the worldwide Simmental cattle scene. Whether in the dual-purpose or pure beef sector - there are new findings and studies everywhere that underline the great advantage of Simmental Fleckvieh. A particular advantage is once again the robustness and resilience. These are characteristics that every farmer desires and which, in addition to the enjoyment of the animals, also have an economic impact. Profitability is probably one of the most important issues, as we have to feed our families from the work we do with our animals. It is also a particular pleasure to see the great interest in Fleckvieh cattle in many countries. Whenever we are on the road, we are happy to talk about the advantages of the breed and those who have decided to try their luck with Simmental Fleckvieh feel a deep satisfaction and great joy. I am therefore looking forward to meeting many people at the Congress in Calgary. I would like to thank Bruce Holmquist and the Canadian Simmental Organization for their willingness to host this important event. I am particularly pleased that the young breeders will also be involved. I hope that many young people will be inspired to take part. The enthusiasm with which the young breeders are at work is also a great motivation for us to do everything for the further development of Simmental Fleckvieh.

A handwritten signature in black ink, appearing to read 'Sebastian Auernig'.

Sebastian Auernig
President

Der nächste Fleckvieh-Simmental Weltkongress findet vom im Sommer in Kanada statt. Nachdem jetzt viele Meetings auch online abgehalten werden, ist es wieder höchst an der Zeit sich persönlich auszutauschen und über interessante Entwicklungen in der weltweiten Fleckviehszene zu sprechen. Ob in der Doppelnutzung oder im pure beef Bereich – überall gibt es wieder neue Erkenntnisse und Studien, die den großen Vorteil von Fleckvieh-Simmental unterstreichen. Ein besonderes Plus zeichnet sich wieder in den Merkmalen Robustheit und Resilienz aus. Dies sind Eigenschaften, die sich jeder Landwirt wünscht und die sich neben der Freude mit den Tieren auch wirtschaftlich niederschlagen. Die Wirtschaftlichkeit ist wohl eines der wichtigsten Themen, da wir ja von der Arbeit mit unseren Tieren unsere Familien ernähren müssen. Es ist auch eine besondere Freude in vielen Ländern das große Interesse, das es an Tieren der Rasse Fleckvieh gibt. Wann immer wir unterwegs sind, berichten wir gerne von den Vorzügen der Rasse und spüren bei jenen die sich entschlossen haben ihr Glück mit Fleckvieh-Simmental zu versuchen eine tiefe Zufriedenheit und große Freude. Deshalb freue ich mich schon auf viele Begegnung beim Kongress in Calgary. Ich bedanke mich bei Bruce Holmquist und der Canadian Simmental Organisation für Bereitschaft diese bedeutende Veranstaltung auszurichten. Besonders freut es mich, dass auch die Jungzüchter mit eingebunden werden. Ich hoffe, dass viele junge Leute sich begeistern lassen daran teilzunehmen. Die Begeisterung mit der die Jungzüchter bei der Arbeit sind, ist auch für uns eine große Motivation alles für Weiterentwicklung von Fleckvieh Simmental zu tun.

A handwritten signature in black ink, appearing to read 'Sebastian Auernig'.

Sebastian Auernig
Präsident

Canadian Simmental Breeders Host the World

Simmental breeders from around the world are coming to Alberta, Canada for the 2024 World Simmental Congress from July 29 – August 4, 2024.

The World Simmental Fleckvieh Federation (WSFF) meets biannually at Congresses which are held in a different country each time. It has been 18 years since Canada hosted the WSFF Congress and the Canadian Simmental Association (CSA) is thrilled to be hosting this prestigious event again.

Hundreds of international and Canadian Simmental enthusiasts are expected to be in Alberta for the Congress. “This is a great opportunity for Canadian Simmental breeders to showcase their cattle to the world,” says Shane Williams, CSA President. “Simmental breeders and commercial cattle producers from across Canada and around the globe, will see firsthand how the Simmental breed has evolved and prospered in Canada.”

The Simmental breed is the second most populous breed in the world, second only to Zebu type cattle that are utilized in tropical climates. “We are proud of our breed’s history in Canada, and this is our chance to display how this breed has become an important part of the Canadian beef industry,” says Williams. “Canadian Simmental genetics have been exported to many countries around the world because Canadian Simmental cattle are known internationally for their great quality and genetics. This Congress is an excellent opportunity for Simmental producers from around the world to come and see Canadian Simmental cattle for themselves.”

The Congress events taking place in Calgary, Olds, and surrounding areas include: cultural excursions that highlight points of interest for international guests, several farm tours to celebrate various aspects of the Simmental breed, a world class sale hosted in Olds at the Bohrson Marketing Services facility, the Canadian YCSA National Classic show at Olds Regional Exhibition, and a traditional rodeo event.

The Canadian Simmental Association is a non-profit, member owned organization. Its primary function is to maintain the pedigree herd book of Simmental cattle in Canada. It is committed to the betterment of the Simmental breed through its performance programs, research, education, advertising and promotion.

For more information contact:

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Canadian Simmental Association

2024 WSFF Congress information, schedule, registration and other can be found at



Kanadische Fleckviehzüchter beherbergen die Welt

Fleckviehzüchter aus der ganzen Welt kommen vom 29. Juli bis 4. August 2024 zum Weltkongress 2024 nach Alberta, Kanada.

Die World Simmental Fleckvieh Federation (WSFF) trifft sich alle zwei Jahre zu Kongressen, die jeweils in einem anderen Land stattfinden. Es ist 18 Jahre her, dass Kanada Gastgeber des WSFF-Kongresses war, und die Canadian Simmental Association (CSA) freut sich, diese prestigeträchtige Veranstaltung erneut auszurichten.

Hunderte von internationalen und kanadischen Simmentaler Enthusiasten werden zum Kongress in Alberta erwartet. „Dies ist eine großartige Gelegenheit für kanadische Fleckviehzüchter, ihre Rinder der Welt zu präsentieren“, sagt Shane Williams, CSA-Präsident. „Fleckviehzüchter und kommerzielle Rinderzüchter aus ganz Kanada und der ganzen Welt werden aus erster Hand sehen, wie sich die Simmentaler Rasse in Kanada entwickelt hat und gedeiht.“

Die Simmentaler Rasse ist die zweitbevölkerungsreichste Rasse der Welt, nach den Rindern vom Zebu-Typ, die in tropischen Klimazonen eingesetzt werden. „Wir sind stolz auf die Geschichte unserer Rasse in Kanada, und dies ist unsere Chance zu zeigen, wie diese Rasse zu einem wichtigen Teil der kanadischen Rindfleischindustrie geworden ist“, sagt Williams. „Kanadische Simmentaler Genetik wurde in viele Länder auf der ganzen Welt exportiert, weil kanadische Simmentaler Rinder international für ihre hervorragende Qualität und Genetik bekannt sind. Dieser Kongress ist eine hervorragende Gelegenheit für Fleckviehzüchter aus der ganzen Welt, das kanadische Fleckvieh mit eigenen Augen zu sehen.“

Zu den Kongressveranstaltungen, die in Calgary, Olds und Umgebung stattfinden, gehören: kulturelle Ausflüge, die Sehenswürdigkeiten für internationale Gäste hervorheben, mehrere Farmtouren, um verschiedene Aspekte der Simmentaler Rasse zu feiern, ein Weltklasse-Verkauf, der in Olds in der Bohrson Marketing Services-Einrichtung stattfindet, die kanadische YCSA National Classic-Show auf der Olds Regional Exhibition, und ein traditionelles Rodeo-Event.

Die Canadian Simmental Association ist eine gemeinnützige Organisation im Besitz von Mitgliedern. Seine Hauptaufgabe besteht darin, das Stammbaum-Herdbuch der Simmentaler Rinder in Kanada zu führen. Sie setzt sich für die Verbesserung der Rasse Fleckvieh durch Leistungsprogramme, Forschung, Ausbildung, Werbung und Promotion ein.

Für weitere Informationen wenden Sie sich bitte an:

Bruce Holmquist

403-250-5121

bholmquist@simmental.com

Kanadischer Simmentaler Verband

Informationen zum WSFF-Kongress 2024 finden Sie unter



Los criadores canadienses de Simmental son anfitriones del mundo

Los criadores de Simmental de todo el mundo vienen a Alberta, Canadá, para el Congreso Mundial de Simmental 2024 del 29 de julio al 4 de agosto de 2024.

La Federación Mundial Simmental Fleckvieh (WSFF) se reúne dos veces al año en Congresos que se celebran en un país diferente cada vez. Han pasado 18 años desde que Canadá fue sede del Congreso del FSM y la Asociación Canadiense de Simmentales (CSA) está encantada de volver a organizar este prestigioso evento.

Se espera que cientos de entusiastas internacionales y canadienses de Simmental estén en Alberta para el Congreso. „Esta es una gran oportunidad para que los criadores canadienses de Simmental muestren su ganado al mundo“, dice Shane Williams, presidente de CSA. „Los criadores de Simmental y los productores comerciales de ganado de todo Canadá y de todo el mundo, verán de primera mano cómo la raza Simmental ha evolucionado y prosperado en Canadá.“

La raza Simmental es la segunda raza más poblada del mundo, solo superada por el ganado tipo cebú que se utiliza en climas tropicales. „Estamos orgullosos de la historia de nuestra raza en Canadá, y esta es nuestra oportunidad de mostrar cómo esta raza se ha convertido en una parte importante de la industria de la carne de res canadiense“, dice Williams. „La genética Simmental canadiense se ha exportado a muchos países de todo el mundo porque el ganado Simmental canadiense es conocido internacionalmente por su gran calidad y genética. Este Congreso es una excelente oportunidad para que los productores de Simmental de todo el mundo vengan y vean el ganado canadiense Simmental por sí mismos.“

Los eventos del Congreso que tienen lugar en Calgary, Olds y sus alrededores incluyen: excursiones culturales que destacan puntos de interés para los huéspedes internacionales, varios recorridos por la granja para celebrar varios aspectos de la raza Simmental, una venta de clase mundial organizada en Olds en las instalaciones de Bohrson Marketing Services, el espectáculo canadiense YCSA National Classic en la Exposición Regional de Olds, y un evento tradicional de rodeo.

La Asociación Canadiense Simmental es una organización sin fines de lucro, propiedad de sus miembros. Su función principal es mantener el libro genealógico del ganado Simmental en Canadá. Está comprometido con el mejoramiento de la raza Simmental a través de sus programas de rendimiento, investigación, educación, publicidad y promoción.

Para obtener más información, póngase en contacto con:

Bruce Holmquist

403-250-5121

bholmquist@simmental.com

Asociación Canadiense de Simmental

La información del Congreso del FSM 2024 se puede encontrar en



Schedule of Events

Sunday July 28, 2024

- Check in – Westin Downtown, Calgary, AB

Monday - July 29, 2024

- WSFF Board Meeting
- WSFF General Assembly Meeting
- European Board Meeting
- Shopping downtown Calgary – Lammles Western Wear
- Opening Ceremonies – Westin Downtown, Calgary, AB

Tuesday - July 30, 2024

- Tour of Mader Ranches & Guests, Carstairs, AB
- AgSmart Educational Expo – Olds, AB

Wednesday - July 31, 2024

- Tour to Banff & Kananaskis
- Transfer to Pomeroy Inn & Suites, Olds, AB

Thursday - August 1, 2024

- Tour of Anchor D Simmentals & Guests, Rimbey, AB
- Tour of Clearwater Simmentals & Guests, Olds, AB

Friday - August 2, 2024

- Technical Speakers, Olds, AB
- Beer Garden & lunch, Olds, AB
- Simmental Sale – Bohrson's Marketing, Olds, AB

Saturday - August 3, 2024

- YCSA National Classic Conformation Show, Olds, AB
- Canadian Simmental Association Banquet featuring the Friends of Canadian Simmental Auction, Pomeroy Inn, Olds, AB

Sunday - August 4, 2024

- Transfer to the Westin Downtown Calgary
- Closing Ceremonies, Calgary, AB

Add-on Tour available

Monday – August 5, 2024

- Strathmore Rodeo & Stampede

**Schedule subject to change*

BE PART OF THE EXCITEMENT!

Simmental breeders from around the world are coming to Canada for the 2024 World Simmental Congress from July 28 – August 5, 2024.

The World Simmental Fleckvieh Federation (WSFF) meets biannually at congresses which are rotated through different countries each time. It has been 18 years since Canada held the World Simmental Congress and the Canadian Simmental Association is thrilled to be hosting this prestigious event again.

The Congress events that are taking place in Alberta include: cultural excursions that highlight points of interest, several farm tours to celebrate various aspects of the Simmental breed, a world class sale hosted in Olds at Bohrson Marketing Services, visiting the Young Canadian Simmental Association (YCSA) National Show.



2024 WSFF Congress Ticket Pricing

Full Conference (Includes all events)	\$1500.00 CAD Early Bird before April 30th \$1650.00 CAD May 1st – July 1st
Dates:	July 28, 2024 – August 4, 2024
Including:	19 meals, Board meetings, farm tours – Mader Ranches, Anchor D Simmental & Clearwater Simmentals, AgSmart, speakers, beer garden, Simmental Sale, Banff & Kananaskis tour, YCS Show, transportation
Olds Only Portion	\$400.00 CAD Early Bird before April 30th \$500.00 CAD May 1st – July 1st
Dates:	August 1, 2024 – August 4, 2024
Including:	10 meals, farm tours – Anchor D Simmentals & Clearwater Simmentals, beer garden, Simmental Sale, YCS Show, transportation
Calgary Only Portion	\$1250.00 CAD Early Bird before April 30th \$1350.00 CAD May 1st – July 1st
Dates:	July 28, 2024 – July 31, 2024
Including:	8 meals, Board meetings, farm tour – Mader Ranches, AgSmart, Banff & Kananaskis tour
Mader Ranches	Complimentary Tour https://www.maderranches.com/
Date:	July 30, 2024 – 10:00 a.m. – 1:30 p.m.
Including:	farm tour & lunch – no transportation included
AgSmart Expo	\$100.00 CAD
Date:	July 30, 2024 – 2:00 p.m. Olds Fine Arts Centre
Including:	AgSmart entrance & dinner (Pomeroy Inn & Suites) – no transportation included
Anchor D Ranch	Complimentary Tour http://anchordranch.com/
Date:	August 1, 2024 – 10:30 a.m. – 1:30 p.m.
Including:	farm tour & lunch – no transportation included
Clearwater Simmentals	Complimentary Tour 32258 Range Road 34 Mtn View County
Date:	August 1, 2024 – 3:00 p.m. – 9:00 p.m.
Including:	farm tour, dinner & entertainment – no transportation included

****Complimentary Tours** registration is required for catering purposes and does not include transportation. Meal vouchers will be provided for each location. Please note meals are not guaranteed without registration and voucher.

Host Hotels

Calgary

Westin Downtown Rooms \$229.00 + tax/night
<https://www.marriott.com/en-us/hotels/ycwci-the-westin-calgary/overview/?scid=f2ae0541-1279-4f24-b197-a979c79310b0>
1-403-266-1611
320 – 4th Ave SE Calgary AB T2P 2S6

Olds

Pomeroy Inn & Suites Rooms \$149.00-179.00 + tax/night
Main Host Hotel for Full Congress Registrants
<https://pomeroyinnandsuites.com/olds/>
1-403-556-8815
4601 – 46th Street, Olds AB T4H 1P5

Ramada by Wyndam Rooms \$165.00 + tax/night
<https://www.wyndhamhotels.com/en-ca/ramada/olds-alberta/ramada-olds/overview?CID=LC:wmcic5n98gs1g0r:32249>
1-403-507-8349
500, 6700 – 46th Street, Olds AB T4H 0A2

****All prices are quoted in Canadian Dollars****

More information can be found on our website
www.simmental.com or by using this QR code.



Thursday August 1st Farm
Tour

Anchor D Ranch – Rimbey AB



ANCHOR D

Simmentals & Charolais



CLEARWATER SIMMENTALS – OLDS AB

Thursday August 1st Farm Tour



Tuesday July 30th

Mader Ranches – Carstairs AB



Call for applications for financial support for participation in WSFF Congress 2024 - Young Breeders Forum

WSFF is proud to encourage young enthusiastic breeders to participate in the Young Breeders Forum, organized as part of the World Simmental Fleckvieh Federation Congress 2024 in Canada July 28th August 4th (see program here).

What the profile of the applicant for support should be:

- young enthusiastic breeder up to the age of 25,
- communication skills in English,
- the applicant must be nominated through an official full member organization of the WSFF.

Terms and Conditions:

- financial support is limited to a maximum of CHF 1000 per applicant,
- a maximum of 2 candidates per member country can be nominated,
- WSFF keeps the possibility to select candidates if the projected limit of participants is exceeded,
- the primary criteria will be the date of receipt of the binding application on a "first come - first serve" principles,
- successful applicants will be informed by an official letter from the WSFF secretariat,
- financial support will be provided after the 2024 WSFF Congress based on an invoice issued by the particular member organization,
- WSFF is not responsible for securing visas (if required for entry into Canada from a particular participating country),
- there is no legal entitlement to support and WSFF reserves all decision-making rights
- the application with the participant's profile (CV) should be sent to the WSFF Secretary General Blanka Drizhalova - <secretarywsff@gmail.com>





NATIONAL CLASSIC

National Classic

YOUNG CANADIAN SIMMENTAL ASSOCIATION

JULY 31 - AUGUST 4, 2024 | OLDS, ALBERTA

WEDNESDAY, JULY 31

10 AM - Barns & Tie-Outs Open
6 PM - YCSA National Board Meeting

THURSDAY, AUGUST 1

8 AM - Move-in Complete
8:30 - 9:30 AM - Registration
9:30 AM - Orientation
10 AM - Marketing/Speaking Competition
NOON - Lunch
1 PM - Team Grooming
3:30 PM - Simmental and Sustainability Roundtable - WSFF Youth Delegates
6 PM - Supper & Activity

FRIDAY, AUGUST 2

8 AM - Tie-in Time
9 AM - YCSA AGM & Group Photo (Wear Show Shirts)
10 AM - Cattlemen's Quiz
NOON - Lunch
1 PM - Judging
TBD - World Simmental Sale at Bohrsen Marketing

SATURDAY, AUGUST 3

8 AM - Tie-in Time
9 AM - Opening Ceremonies & Conformation Show (Wear Show Shirts)
NOON - Lunch
5:30 - Banquet & FCSF Auction

SUNDAY, AUGUST 4

9 AM - Showmanship (Wear Show Shirts)
Awards & move out to follow show.

***SCHEDULE IS TENTATIVE**

INTRODUCING

Introducing

FULLBLOOD DIVISION

The Fullblood division will only be available for the Open Show, and not for the Bred and Owned Classes. Purebred and Fullblood division winners will compete together for the Open Grand Champion and Reserve Grand Champion Female and Bull titles.



KELSEY MANSKE
YCSA Programs Coordinator
ycsacoordinator@simmental.com
306-291-7086

Watch for registrations, accommodations and more information at
<https://www.simmental.com/ycsaevents.html>



Professional training at a high level in Bella Italia



The latest meeting of the conformation working group of the European Simmental Federation (EVF) was held in Italy in April 2024. The Italian national association ANAPRI chose the La Fattoria farm in Pavia di Udine in the Friuli region as the venue. The farm, with its associated restaurant and direct marketing, offered ideal conditions for the combination of practical training and professional development.

The aim of this working group is, on the one hand, to harmonize the linear description of Fleckvieh throughout Europe using Fleck Score and, on the other hand, to provide professional training for the country representatives on breeding topics.

Great interest

The new head of the working group, Reinhard Pflieger, was able to welcome representatives from a total of 13 EVF member countries to this year's meeting. This meant that interest in this further training event was greater than ever before, which can be seen as a clear commitment by the countries to breeding cooperation within the European association.

Focus on practice

The first day was dedicated to the practical application of Fleck Score for the linear description of Fleckvieh cows in the La Fattoria barn. The participants' evaluations were analyzed using the newly created Fleck School evaluation program, which is integrated into the online tool www.fleckscore.com. Using a station operation, the participants were able to discuss their deviations from the reference assessment with the chief assessors from Germany and Austria and thus adjust their eye.



Practical session in the barn of La Fattoria

Farewell to deserving employees

At the invitation of ANAPRI, the participants were able to enjoy an evening full of Italian joie de vivre in the stylish La Monastero restaurant. The evening of good conversation and valuable exchange provided a worthy setting to thank deserving members of the Exterieur working group for their many years of support due to upcoming retirements. Dr Dieter Krogmeier is retiring after more than 24 years of service at the LfL. For many years, he was responsible for the well-functioning ZWS Exterieur and provided many well-founded analyses on the subject of conformation, which were an important basis for decision-makers. Gebhard Kitzmüller, who enriched many meetings of the working group with his experience in practical assessment, was also bid farewell.

Experts from 13 countries met to exchange ideas in Italy





Dr Dieter Krogmeier and Gebhard Kitzmüller in the circle of EVF managers

High-calibre speakers

The second day focussed on further training with a series of specialist presentations. Dr Lorenzo Degano presented the breeding programme for Fleckvieh in Italy. Dr Dieter Krogmeier gave an overview of the status of linear description in Fleckvieh in the countries affiliated to the ZWS. In 2023, a total of 102,817 young cows were linearly described. Dr Krogmeier analysed the developments of the main scores for frame, muscularity, feet & legs and udder and their differences in Germany, Austria, the Czech Republic and Italy. The main lecture of the day was entitled „Fleck Score - analysing a success story“. In it, Dr Krogmeier analysed the influence of individual and main traits as well as the assigned faults on the lifespan of cows. At the same time, he provided information on the genetic trends in the individual conformation traits. Interesting insights were also gained by analysing the development of extreme traits such as hock angle, hock expression or teat length, thickness, placement and position. Dr Krogmeier's remarks were complemented by Hubert Anzenberger, who presented current phenotypic developments in the Bavarian Fleckvieh population. The latest analyses are also particularly promising, proving that the new restrictions introduced in the Fleck Score formula in October 2023 are having the desired effect. The aim is to reduce the total udder score and the resulting breeding value for udders for those bulls whose daughters show a clear tendency towards very short and thin teats in the linear

description as well as the undesirable combination of narrow teat placement and position at the rear.

Dr Christian Fürst's presentation on the introduction of breeding value estimation for hoof health in Fleckvieh was also an enrichment of the meeting. He analysed the correlations between the individual foundation traits and the frequency of hoof diagnoses as well as the correlations between the new hoof health value KGW and other production and conformation traits.

Dr Hans Ertl informed the country representatives present about the current regulations on the international use of genomics in Fleckvieh. The new service unit GenoSelect was founded for this purpose, which will regulate the genomic testing of female and male candidates in the future. The clearly defined goal is to move as many EVF member countries as possible towards full membership with the delivery of phenotypes and genotypes in the milk, beef, fitness and conformation trait blocks.



The speakers at this year's meeting of the EVF Exterieur working group

Country reports provide an overview

Finally, a representative from each of the 13 countries present reported on the current situation in the country with regard to conformation evaluation. This provided a good picture of the development of the Fleckvieh population in the individual countries. At the same time, wishes for the improvement of individual trait definitions and suggestions for the testing of possible new individual conformation traits were also put forward. The responsible members of the working group will analyse these suggestions and draw the necessary conclusions for the further development of the Fleck Score system.

Thanks and outlook

In a final feedback round, the country representatives clearly expressed the added value of participating in the meeting in Italy. Therefore, this year's meeting of the EVF conformation working group can be considered an absolute success.

Finally, we would like to thank the EVF representatives, the on-site organiser ANAPRI Italy and the ASR and Fleckvieh Austria organisations for their support of the meeting.

The next meeting of the conformation working group of the EVF will take place in Austria.

Ing. Reinhard Pflieger,
Head of Exterieur working group
Photos: ANAPRI

Fleckvieh AUSTRIA breeding programme - positive results again!



Dr. Christian Fürst, ZuchtData

As every year, it is important to analyse the Fleckvieh Austria breeding programme, take a critical look at it and take stock. What phenotypic and genetic progress has been made? In which areas is there a need for improvement?

High performance level

Table 1 shows the phenotypic performance for some important trait areas since 2015. With phenotypic performances, it should always be borne in mind that these can also depend on the weather/feed/price situation and also on data quality. Milk yield has therefore risen somewhat less strongly than we were used to in recent years and probably also for other reasons (e.g. polled breeding). However, the average increase since 2015 is still almost 90 kg per year. Despite the high level of performance and the largely negative genetic correlations, most meat and fitness parameters show a stable to slightly positive trend. For example, longevity has been slowly but steadily increasing again for many years, meaning that lifetime yield has risen sharply by an average of around 560 kg per year since 2015. The fertility parameters insemination index and calving interval have remained largely stable in recent years. The average somatic cell count has risen continuously in recent years. However, the median somatic cell

count (half are above or below this value) has fallen from 69,000 to 61,000 since 2015. This means that the general somatic cell count level has improved, but the particularly problematic outliers („millionaires“) should be reduced.

Table 1: Development of selected phenotypic performances in Fleckvieh AUSTRIA since 2015 (ZuchtData annual reports, 2015-2023)

Trait	2015	2020	2021	2022	2023
Milk kg - HB all lact.	7.220	7.893	7.801	7.842	7.910
f+p-kg - HB alle lact.	545	599	594	597	600
Carcass percentage (%)	57,3	57,3	57,1	57,2	57,4
Calvings	3,97	4,03	4,09	4,09	4,10
Longevity (years)	3,80	3,90	3,99	3,94	3,98
Lifetime yield (kg)	28.114	31.220	32.112	32.104	32.615
Calving interval (days)	390,0	390,1	391,2	391,8	389,8
Insemination index	2,0	2,2	2,2	2,1	2,1
Somatic cell count (in 1000)	180,1	186,5	186,7	190,1	192,4

Genetic development very positive

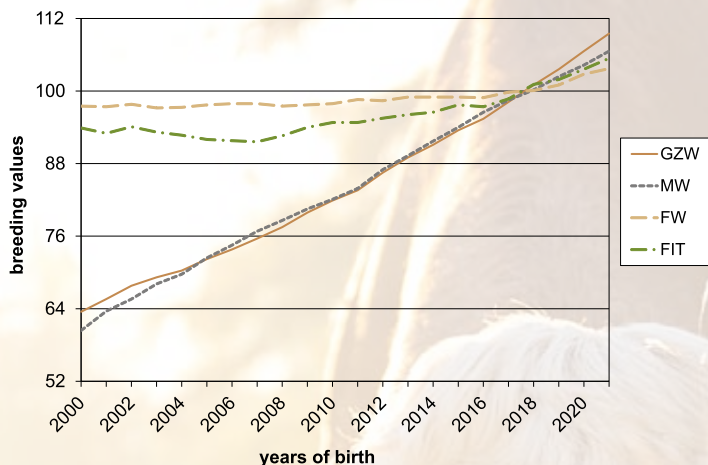
Genetic trends, i.e. the average breeding values per birth cohort, are used to assess longer-term developments. Figure 1 shows the genetic trends of the female population for the main

GS DER BESTE daughters GRETA (front) and STRENCHE, both from Anna and Christoph Eichberger, Styria



areas of total breeding value (GZW), milk value (MW), beef value (FW) and fitness value (FIT). Since 2010, the GZW has increased by 2.5 GZW points per year. The milk complex has shown a largely linear increase of 2.2 MW points per year for decades. There has been a slight upward trend in FW in recent years (+0.5 FW points per year since 2010), while the increase in the fitness value FIT is becoming increasingly significant (2000 to 2010: 0.1, 2010 to 2015: 0.6, 2015 to 2021: 1.3 FIT points per year).

Fig. 1: Genetic trends for GZW, MW, FW and FIT of Austrian Fleckvieh cows



This pleasing development in the fitness area is also due to the composition of the GZW, the mathematical formulation of the breeding goal and the consistent implementation of the genomic breeding programme. In the GZW, fitness traits are weighted at 44 % and thus more than milk (38 %). Due to the low heritabilities of the fitness traits and thus lower breeding value reliabilities and the negative genetic relationship to milk, significantly more breeding progress is nevertheless achieved in the milk sector. This shows that a very high weighting of fitness traits is absolutely necessary. The latest fitness trait, the claw health index KGW, which was introduced in December, shows a slightly negative genetic development and is not included in the GZW for the time being. After the last change in 2016, the breeding objective = GZW will be revised again in the coming years. In addition to the KGW, the metabolic stability index, which is currently under development, will then probably also be integrated into the GZW. If we want to do even more for fitness and health in breeding, there will be no way around increasing the weight for the fitness complex.

Genotyping is increasing and increasing

For the quality of single-step breeding values, it is important to have as many genotyped animals as possible that are included in the breeding value estimation with phenotypic performance. This is particularly important for traits with a short data horizon such as claw health or health traits in general. The FoKUHs herd genotyping project in particular has ensured that over 20 % of the most recent cow birth cohort in Austria in 2021 has already been genotyped (Fig. 2). This also shows the confidence in the benefits of genomic breeding value estimation. However, a further increase in the proportion of genotyped cows is desirable.

Young bulls continue to gain ground

In the Fleckvieh Austria breeding programme, the aim is to achieve a 75 % share of all inseminations with a genomic young sire (GJV). As can be seen in Figure 3, the proportion of GJVs has risen continuously in recent years and already stands at 73.7 % in relation to all inseminations with a Fleckvieh bull (i.e. without foreign breeds and without natural breeding).

Of all purebred inseminations, 29.2 % were with a genetically polled bull, a good quarter of which were homozygous (8.1 %).

Fig. 2: Proportion of genotyped cows in Austrian Fleckvieh cattle

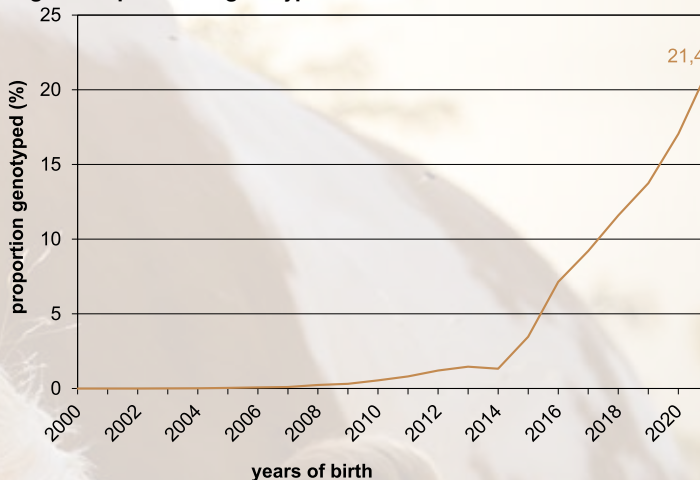
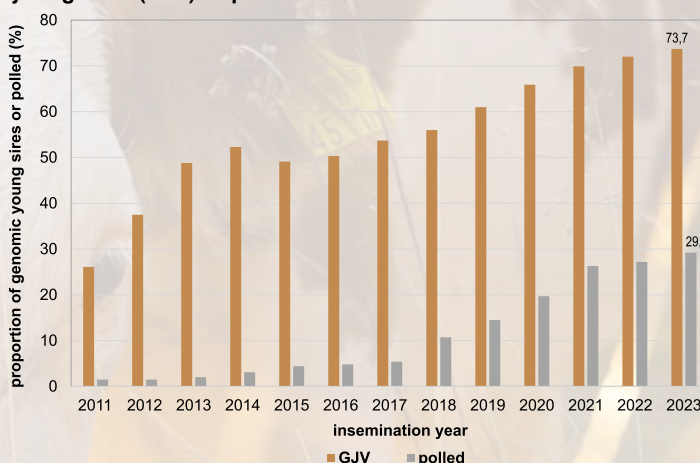


Fig. 3: Development of the proportion of inseminations with genomic young sires (GJV) or polled bulls



As can be seen in Figure 3, the introduction of genomic breeding value estimation in 2011 led to a sudden increase in the proportion of young bulls. The availability of meaningful breeding values for calves also led to an increase in embryo transfers with genetically outstanding young cattle. These two developments, among others, have led to a significant shortening of the generation interval. Figure 4 shows the average age of the parents at the birth of the insemination bulls at Austrian insemination centres. The average age has fallen from around six to less than three years, i.e. it has halved! There are even some bulls where this value is less than 2 years due to a young heifer ET with a genomic young bull, such as the current number 1 according to GZW SNOWMAN or the currently best polled bull MEGASTAR Pp*.

The generation interval is the most important key to increasing breeding progress, even for fitness traits!

High level of insemination

The genetic level of the inseminations carried out is decisive in terms of breeding progress. Figure 5 shows the average breeding values (as of December) of all Fleckvieh inseminations in the control year 2023.

On average, the insemination level for the GZW was a very impressive 130.9. In general, above-average breeding values can be seen for all traits practically without exception. Exceptions to this are the milk components fat content (-0.02) and protein content (-0.01), which are not shown in the figure, and the new claw health index KGW (98.5), which has only been available since December and therefore could not yet be taken into account. The height of the columns in Figure 5 shows the importance of the individual traits in bull selection. Apart from GZW, MW shows the highest level, followed by udder breeding value and FIT. In the fitness complex, longevity and udder health stand out. At the bottom is the muscling of the cows, which therefore does not indicate any breeding improvement.

Fig. 4: Average age of parents at birth of insemination bulls (AT)

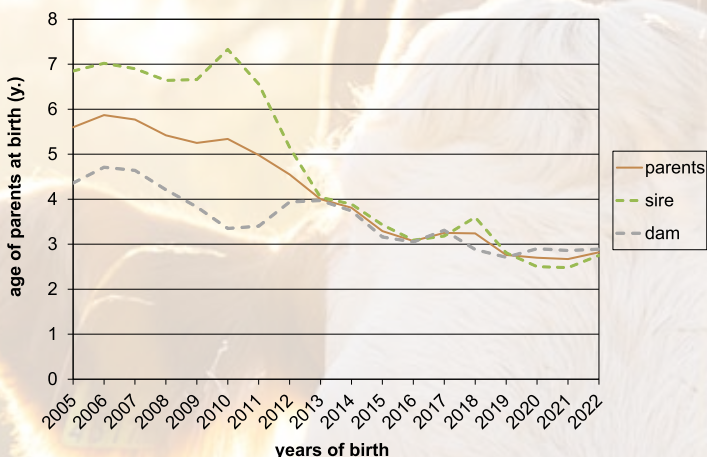
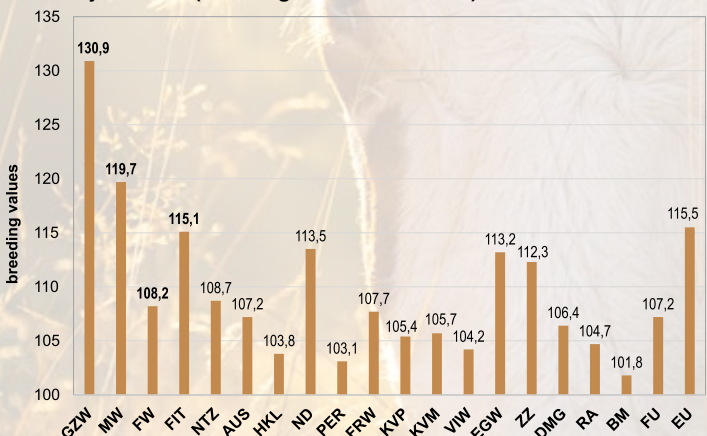


Fig. 5: Average breeding values of the Fleckvieh inseminations in the control year 2023 (breeding values from Dec.)



DER BESTE for the 3rd time

Table 2 lists the Fleckvieh bulls used most in the 2023 control year. As in the two previous years, the udder specialist GS DER BESTE is at the top for the third time in a row. This is quite surprising in view of the actually very rapid change of top stars. He is followed by the homozygous polled genomic young sire WIRBELWIND P*S and the progeny tested HOKUSPOKUS, who was already in second place last year. Behind them is GS WUNDAWUZI, in fifth place last year, followed by the progeny-tested WEISSENSEE and

GS WOIWODE, who were already in this top list as young bulls and are now back at the top thanks to the expectations fulfilled by their daughters. There are only three genetically polled bulls in the top 20, the two heterozygous young sires WIRBELWIND P*S and MAHINDRA P*S and the homozygous polled HEIKO PP*.

As is well known, the professional importance of the usual sire lines is low, but the Top 20 can only be traced back to five different line founders on the sire's side, with the HUCH line dominating with six and HORROR and STREIK with five offspring each. Most recently, the REDAD and EGEL lines have also been at the forefront. The first representative of the REDAD line is VOLLENDET in 31st place, EGEL follows with the young sire ELEMENT in 35th place.

Table 2: Most frequently used Fleckvieh bulls in the 2023 control year (ZuchtData annual report, 2023)

rank	name	birth y.	n	GZW	MW	FW	FIT	NKP*	line
1	GS DER BESTE	2016	19364	119	120	101	100	Y	DIRIGENT
2	WIRBELWIND P*S	2021	16751	143	124	108	129	N	HORROR
3	HOKUSPOKUS	2016	14378	133	119	109	115	Y	HUCH
4	GS WUNDAWUZI	2020	12532	141	122	112	127	N	HORROR
5	WEISSENSEE	2017	12387	130	120	102	112	Y	HORROR
6	GS WOIWODE	2017	11973	132	113	98	125	Y	HORROR
7	HERZPOWER	2021	11683	132	124	114	110	N	HUCH
8	WINTERTRAUM	2019	10953	137	117	107	129	N	HORROR
9	GS DELUXE	2020	9859	135	127	114	109	N	DIRIGENT
10	SUNSHINE	2020	9654	138	125	109	119	N	STREIK
11	HAN SOLO	2021	9536	137	127	112	112	N	HUCH
12	SEBALDUS	2021	8936	137	120	116	122	N	STREIK
13	GS HERZTAKT	2016	8497	132	122	107	110	Y	HUCH
14	SUNRISE	2017	8394	133	123	110	109	Y	STREIK
15	SUPERBOY	2020	8208	129	117	111	116	N	STREIK
16	GS SPUTNIK	2021	8071	137	120	114	121	N	STREIK
17	GS DEFAC TO	2018	8045	133	117	118	112	Y	DIRIGENT
18	MAHINDRA P*S	2021	7779	132	120	96	125	N	MORELLO
19	HEIKO PP*	2021	6395	122	110	109	116	N	HUCH
20	HALOX	2021	6354	133	118	109	118	N	HUCH

n=Number of artificial inseminations, * NKP ... progeny tested; Y=yes, N=no

Conclusion

Every year there is a report on the Fleckvieh Austria breeding programme and every year the results are very positive. The development of the vast majority of milk, beef, fitness and conformation traits is going in the desired direction, and no major problems can be identified. Nonetheless, it is necessary to constantly question the path we have taken and to adapt or sharpen it if necessary. This also includes the introduction of the claw health index KGW in December, which makes it possible to select for claw health. The revision of the overall breeding value will be important in the coming years, where no major changes will probably be necessary, but adaptations will be needed to further develop Fleckvieh as a dual-purpose breed with high fitness.

The weighting of traits in the breeding goal is a very important aspect, but it is equally important to do everything possible to ensure complete and correct data collection, especially in the areas of fitness and health, if possible, in combination with comprehensive genotyping!

New: Genetic evaluation CLAW HEALTH

Christian Fürst, Hermann Schwarzenbacher, Judith Himmelbauer and Christa Egger-Danner
ZuchtData Wien

In the joint genetic evaluation Germany-Austria-Czech Republic, there has been a very wide range of traits in the area of fitness and health that have been successfully worked on in breeding for many years. There is no doubt that claw health is a very important complex of traits in terms of animal welfare and profitability, for which breeding values have so far only been published for the Holstein breed, and since December this has also been the case for Fleckvieh and Brown Swiss.

Claw findings and diagnoses are decisive

In recent years, a lot of data has been collected by claw trimmers but also by farmers, e.g. as part of various projects (e.g. Klauen-Q-Wohl, FoKUHs, D4Dairy, FleQS, Fleckfficient, etc.). From the data of claw trimmers and farmers, 6 traits with higher frequency and usable heritability were selected from the large number of individual traits for the breeding value estimation. These are Digital dermatitis (DD), Interdigital hyperplasia (IH), White line fissure (WL), Claw ulcer (CU), Heel horn erosion (HE), Laminitis (LA) and other findings (OF).

Although some veterinarian diagnoses have been available for some time (in Austria since 2006), they only represent the tip of the iceberg. In the case of veterinarian diagnoses, a distinction is only made as to whether or not there is any claw diagnosis at all.

After appropriate validation, approximately 250,000 Fleckvieh cows with claw trimming information and 380,000 cows with veterinarian data are included in the genetic evaluation.

The following environmental factors are taken into account in the evaluation model: Region, calving year, calving month, lactation, calving age, stage of lactation, claw trimmer/veterinarian, recording type and farm.

Table 1: Heritabilities and economic weights to calculate the claw health index KGW.

Traits	Heritabilities (%)		Weights (%)
	Fleckvieh	Brown Swiss	
Digital dermatitis	4.8	8.5	20
Interdigital hyperplasia	9.1	5.9	5
White line fissure	3.7	6.4	15
Claw ulcer	4.0	6.6	15
Heel horn erosion	6.6	9.0	5
Laminitis	2.1	4.2	10
Other findings	3.0	3.8	10
Veterinarian diagnoses	1.5	1.9	20
KGW	6.3	10.6	

The heritabilities for the individual traits are between about 2 and 9 % (Table 1). By combining the individual traits according to the economic weighting, the heritability for the claw health index KGW in Fleckvieh cattle is calculated at 6.3%.

Cause of culling as important auxiliary information

Since the period with sufficient data collection is very short and there is still little or no claw data available from some regions in the common evaluation, auxiliary traits are used to increase the reliability of the breeding values. A very important auxiliary trait is the culling reason for claw and feet diseases. The great advantage

of this trait is that it is also available from regions or farms without claw health data and without additional effort. A separate genetic evaluation was developed for the culling reason analogue to the longevity evaluation (heritability 2.2%). The importance of claw and feet diseases as a cause of culling is explained by the high genetic correlation of 0.68.

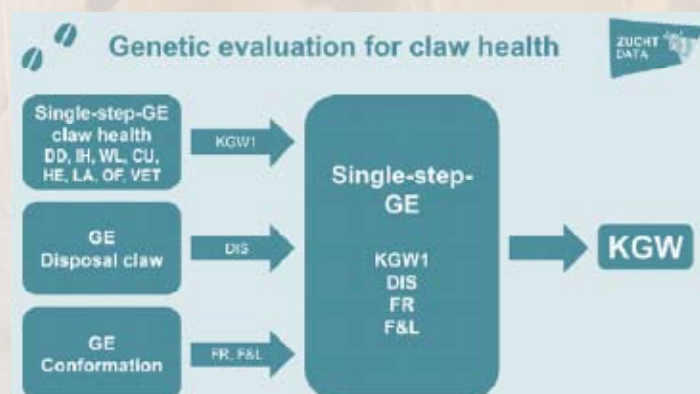
In addition to the reason of culling, the main scores for frame and feet & legs have proven to be informative auxiliary traits for claw health. On the one hand, framier and thus heavier cows show more claw problems (genetic correlation -0.17), on the other hand, a higher feet & legs score tends to indicate fewer claw problems (genetic correlation +0.17).

Single step in several steps

As can be seen in Figure 1, the genetic evaluation for claw health is carried out in several steps. The first step is a multi-trait single-step evaluation with the claw trimming traits and veterinary diagnoses, which results in the original KGW1. At the same time, the newly developed evaluation for the disposal of claw and feet diseases (DIS) is carried out in the form of a multivariate BLUP animal model. Similarly, environmentally corrected phenotypes from the routine evaluation for conformation for frame (FR) and feet & legs (F&L) are also used.

These four traits - KGW1, culling reason, frame and feet & legs - are included as phenotypes in the final step, also a multi-trait single-step BLUP (ssGBLUP). The final breeding value from this single-step run is the claw health index KGW, which on the one hand contains all direct claw health traits, but also includes information on the auxiliary traits. The KGW is the only breeding value published from this new genetic evaluation system.

Fig. 1: Schematic representation of the CFB for claw health.



The claw health index KGW are, as usual for the relative breeding values, approximately in the range between 70 and 130 and are published for bulls and cows (condition: reliability at least 30%). For the genotyped candidates, reliabilities of approx. 65% are achieved. The genetic trend for KGW is slightly negative in Fleckvieh cattle.

In general, there are few traits for which a stronger correlation of the breeding value KGW can be observed. The highest positive correlation is with longevity (approx. +0.25) and the highest negative correlation (-0.20) is with frame. There is a slightly negative correlation with the milk index and milk yield.

Figure 2 shows the average relationship between the bulls' breeding value and the proportion of claw findings and veterinary diagnoses of their daughters. The average difference in claw findings between bulls with a EBV below 90 and above 110 is approx. 8% and 4% for veterinary diagnoses.

Fig. 2: Relationship between EBV and proportion of claw findings and veterinary diagnoses in Simmental cattle.

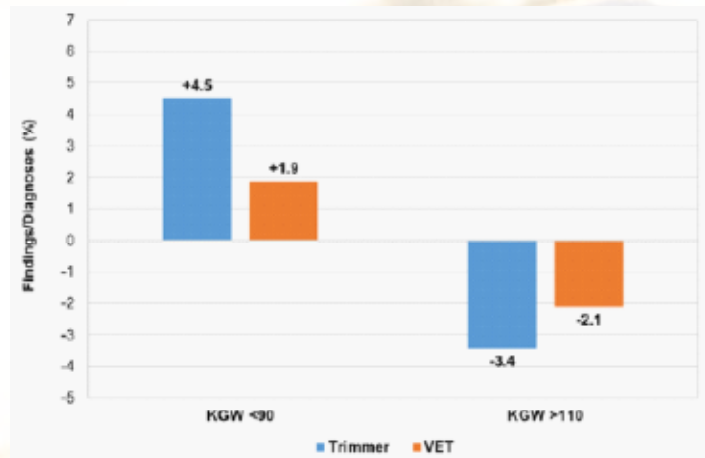
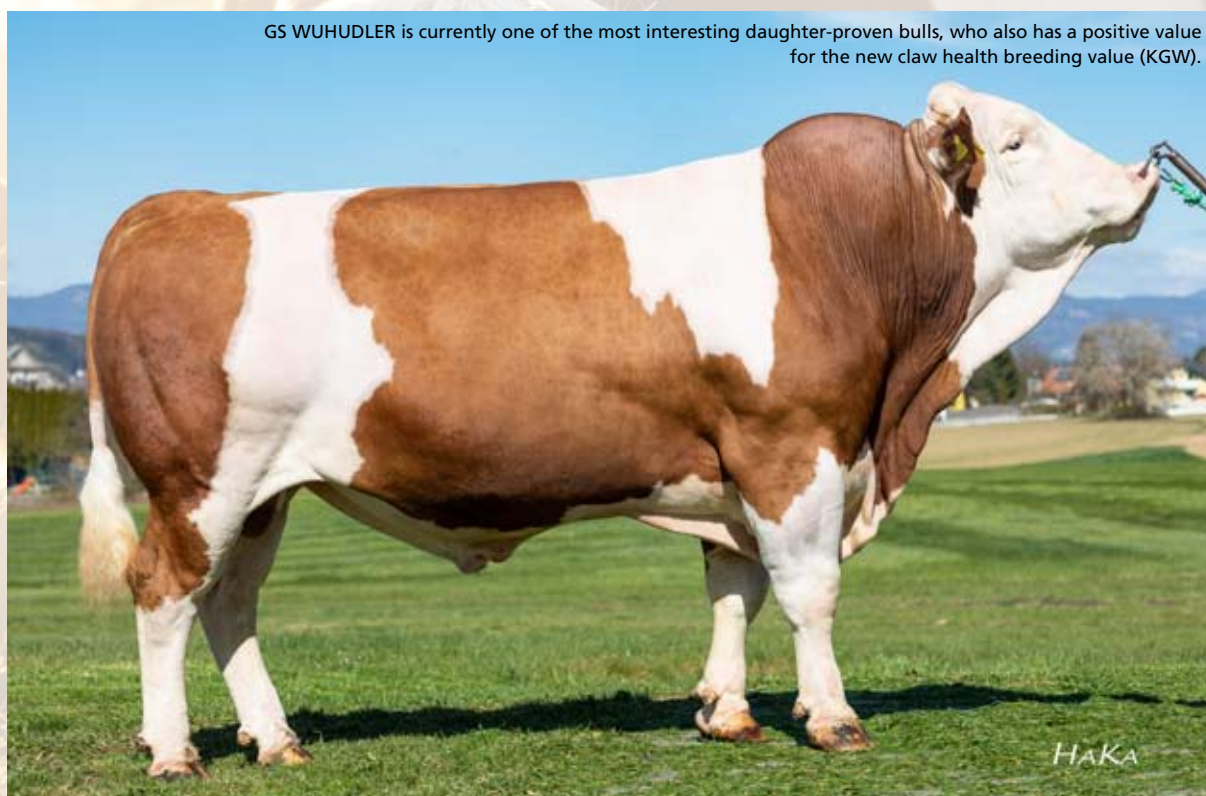


Table 2: Fleckvieh bulls with highest or lowest EBV (from 2012, at least 100 daughters with claw trimming data and 50 daughters with veterinary data).

Name	Y.	KGW	rel.	nKP	nTA	KP%	TA%
WISCHER P*S	2012	121	95	112	196	24,2	2,8
WINDSTONE	2012	119	95	152	150	21,9	4,1
GS DER BESTE	2016	115	97	368	706	29,4	3,6
INCREDIBLE PP*	2013	114	98	631	561	23,1	4,5
WATZMANN	2013	114	93	101	106	22,7	2,3
GS MAHATMA Pp*	2016	79	93	183	174	32,5	8,4
MAHANGO Pp*	2013	78	99	2565	1112	34,1	8,3
MAJESTAET PP*	2017	74	95	388	82	35,6	7,0
GUCCI	2015	73	95	208	260	30,2	7,3
VOTARY P*S	2012	69	99	1255	258	33,5	10,5

nKP = number of daughters with claw care data, nTA = number of daughters with veterinary data

KP% = proportion of daughters with claw care findings, TA% = proportion of daughters with veterinarian claw diagnosis



GS WUHUDLER is currently one of the most interesting daughter-proven bulls, who also has a positive value for the new claw health breeding value (KGW).

Table 2 shows a few examples with the highest and lowest KGWs. In general, the differences shown in Figure 3 can be recognised, but it should be borne in mind that these are purely phenotypic, uncorrected values, which of course cannot fully reflect reality from a genetic point of view. In addition, the auxiliary traits, in particular the cause of claw disposal, also have an effect, so that deviations from expectations may occur in individual cases. For Fleckvieh cattle, the internally calculated breeding value for reason of culling is 113 for the top 5 according to KGW listed in Table 2 and 89 for the flop 5.

Conclusion

After appropriate validation, the claw findings of claw trimmers or farmers and the veterinarian claw diagnoses are included in the genetic evaluation and weighted according to their economic importance. As auxiliary traits, the disposal reason claw and limb

diseases and the conformation traits frame and feet & legs are also taken into account in a single-step evaluation. The resulting breeding value is the so-called claw health index KGW, which has been published in the fitness block for the Fleckvieh and Brown Swiss breeds since December 2023, but is not included in the fitness value FIT or the total merit index GZW for the time being. Adjustments to the breeding goal (GZW) are only planned after the introduction of further breeding values (metabolic stability, energy efficiency, ...) that are currently in progress.

The new genetic evaluation for claw health closes an important gap in the fitness and health area and should also motivate more claw trimming and health data to be recorded. Many thanks to all those who document claw data and make it available for the genetic evaluation, thereby providing the basis for these important breeding values.

Judge training 2023 - New judging pool for Fleckvieh cattle

Ranking and commenting correctly

Ing. Reinhard Pfleger, director Fleckvieh Austria

Fleckvieh Austria, in cooperation with the Arbeitsgemeinschaft der süddeutschen Rinderzüchter (Association of Southern German Cattle Breeders), resumed the professional training of Fleckvieh judges after a 5-year break. The aim was to organise a high-quality seminar which, in addition to the important theoretical content, would offer sufficient space for practical judging work.

At the same time, a challenging examination situation was to be created according to standardised, comprehensible criteria, which would result in the new Fleckvieh judging pool. Recognised experts from the international show scene were recruited as speakers and jury members for the specialist areas of „Ranking“ and „Commenting“. *Zuchtziel und Idealtyp – der neue Leitfaden für das Preisrichten von Fleckvieh*

With Rinderzucht Tirol, an excellent local host was found to organise the two-day event. The theoretical part of the training took place at the traditional Tyrolean inn Rainer in Strass im Zillertal, where the host, ÖR Kaspar Ehammer, welcomed a total of 17 participants. The participants were selected by the member organisations in Austria and Germany. The aim was to nominate people who are active cattle breeders and have already gained experience in the show ring. Reinhard Pfleger, Fleckvieh Austria, spoke on the topic of „Breeding goal and ideal type“ and presented the newly defined „Guidelines for the judging of Fleckvieh cattle“. Bruno Deutinger, Director of Animal Breeding at LK Salzburg and an internationally active show judge for many years, gave valuable tips from his experience on the right way to work in terms of methodology and rhetoric in the show ring.

Correct ranking and correct commentary

The Rotholz marketing centre offered almost ideal conditions for the practical sessions. 24 selected show cows from a total of 20 different breeding farms of Rinderzucht Tirol were presented perfectly prepared in four judging groups in the ring of the auction hall. Two groups of young cows and two groups of second-calf cows were prioritised as a panel by the „Ranking“ jury consisting of Mario Nydegger from Switzerland and the two experienced Austrian judges Rupert Viehhauser from Salzburg and Johann Ratzberger from Lower Austria. The rankings of the individual participants were compared with the jury's rankings using a computer programme that is successfully used in Switzerland and the deviations of all four judging groups were evaluated. In the test unit, the participants also had to comment on two groups in front of the „Commentary“ jury consisting of Bruno Deutinger and Christian Straif, Managing Director of Rinderzucht Tirol, according to their chosen ranking.

Jury decides on new pool of judges

The participants' assessments in the „ranking“ and „commentary“ categories were combined using the IT programme, resulting in the final ranking list of participants. Two thirds of the weighting was placed on „correct ranking“ and one third on „methodically correct, accurate commentary“, whereby a fixed points

threshold had to be met in both assessment criteria in order to be included in the final pool.

The members of the jury were unanimous in their praise for the high standard of all participants, and the people selected for the pool were able to stand out from the crowd.

The new Fleckvieh judging pool is made up of the following people:

Name*	Location	Country
Ammann Tobias	Röns, Vorarlberg	Austria
Bacher Thomas	Ranten, Steiermark	Austria
Hörmandinger Alexander	Peuerbach, Oberösterreich	Austria
Lenk Hannes	Kramsach, Tirol	Austria
Neuner Hannes	Schwendau, Tirol	Austria
Ratzberger Johann	St. Peter i. d. Au, Niederösterreich	Austria
Sauter Nikolas	Bad Wurzach, Baden-Württemberg	Germany
Schreder Hannes	Kössen, Tirol	Austria
Viehhauser Rupert	Kleinarl, Salzburg	Austria
Wieneroither Matthias	Attnang-Puchheim, Oberösterreich	Austria

* The list of persons is in alphabetical order and therefore has no relation to the final result of the judges' examination.

All organisers of shows with Fleckvieh participation in German-speaking countries are hereby requested to place their trust in these persons in the future as judges.

The umbrella organisations Fleckvieh Austria and ASR are planning to offer both the training of new people interested in judging and the re-run of an examination seminar for admission to the Fleckvieh judging pool at regular intervals.

Finally, the organisers ASR and Fleckvieh Austria would like to thank all the speakers and jury members for their support and, in particular, Rinderzucht Tirol and its breeders for the successful organisation of the event on site.

We would like to congratulate and recognise all those who have been accepted into the new pool of judges for their strong performances and wish them all the best for their responsible work as judges.

Those responsible and participants are delighted with the successful 2023 judge training programme



Double happiness?

A few analyses on the frequency of twin births

Dr. Christian Fürst, ZuchtData

On dairy farms, the joy of twin pregnancies is usually limited because it is often associated with negative effects. Among other things, there is more frequent discarding or premature births, more fertility problems (e.g. postpartum retention), weak calves and, in the case of mixed-sex twins, the female calf is almost always infertile (freemartinism).

Fleckvieh cattle with more twin births

Figure 1 shows the development of the proportion of twins in Austria in recent years. This shows that the proportion of twins in the Brown Swiss and Holstein breeds has remained largely stable in recent years, but has risen significantly in the Fleckvieh breed from just over 5 % to 7 %. In Germany, the trend is similar, although the proportion of twins in Fleckvieh was 6.3 % last year, which is slightly lower. The proportion of Brown Swiss in Germany was 4.2 %, almost the same as in Austria.

Part of the increase in Fleckvieh cattle can be attributed to the increase in longevity. As can be seen in Figure 2 using the example of Fleckvieh cattle, the proportion of twins is significantly higher at later calvings than at the first calving.

Fig. 1: Development of the proportion of twins for Fleckvieh (FV), Brown Swiss (BS) and Holstein (HF) in Austria

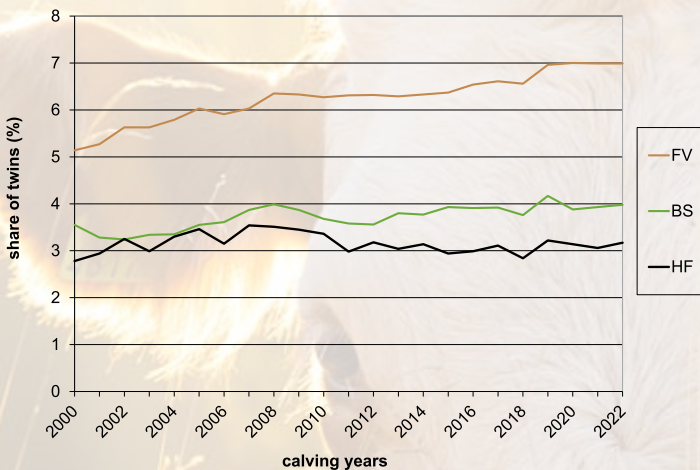
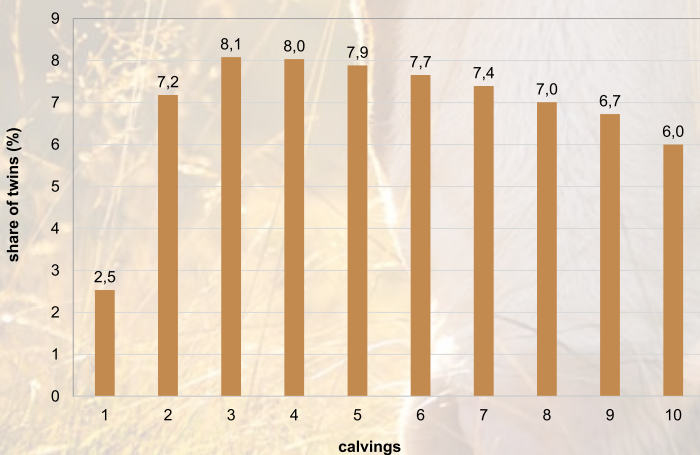


Fig. 2: Proportion of twins by number of calves in Fleckvieh cattle



Big differences between bulls

From earlier work with Austrian data (diploma thesis Veronika Atteneder, 2007) and from the literature, it can be assumed that there is a genetic component to the frequency of twins. This is primarily on the dam's side (maternal), where heritability of between 2 and 5 % can be assumed. As expected, the paternal

component, i.e. the sire, appears to have hardly any influence (paternal heritability close to 0).

The significance of the maternal component, i.e. the influence of the cow's sire, can be seen from the very wide range of twin frequencies. The table lists the Fleckvieh bulls with the most or the fewest twin calvings as the sire of the cows. In order to minimise chance, only bulls (dam's sires) with at least 1000 first calvings and at least 1000 higher calvings in Germany and Austria were selected, whereby a total of at least 1000 from Austria also had to be included. The range goes from 1.8 % for the bull EMMERICH to 16.7 % for the bull HUMPERT. This means that every sixth calving of a HUMPERT daughter is a twin birth, in higher lactations even every fifth.

Table: Fleckvieh bulls with the highest or lowest proportion of twins as sire of the cow

name	sire	Birth y.	Twin share (%)			Number of calvings		
			total	1. calv.	2.+ calv.	total	1. calv.	2.+ calv.
HUMPERT	HUMAT	2009	16.7	12.8	19.3	34,160	13,595	20,565
IMPOSANT	IROLA	2014	14.4	11.6	17.4	2,439	1,246	1,193
GS WOHLTAT	WILLE	2012	12.7	6.1	15.5	17,802	5,350	12,452
HUTMANN	HUTNER	2001	11.7	6.3	14.3	12,435	4,107	8,328
RUMEN	RUMBA	2001	11.4	5.0	14.8	12,941	4,426	8,515
MORIS	MORROR	2000	2.1	0.7	2.9	17,803	6,122	11,681
VALEUR	VANADIN	2013	2.1	0.8	2.8	3,485	1,304	2,181
MACBETH	MANGOPE	2010	2.0	0.6	3.4	7,670	3,870	3,800
RIAZA	RUPTAL	2012	2.0	0.6	3.5	3,423	1,816	1,607
EMMERICH	EVERGREEN	2015	1.8	0.5	3.4	3,271	1,865	1,406

The proportion of twins tends to be lower with genetically polled bulls as the dam's sire. For horned bulls, the proportion at higher calvings last year was 8.6 %, for heterozygous bulls 8.3 % and for homozygous dam sires 7.8 %. At first calving, the figures were 2.4 % for horned sires, 2.5 % for heterozygous sires and 1.8 % for homozygous polled sires.

The analysis also showed that cows that are twins themselves give birth to slightly more twins. In 2022, the proportion of twin calvings from single cows was 6.9 % and 7.8 % for twin Fleckvieh cows, i.e. not quite 1 % more.

Conclusion

The proportion of twins is relatively high, especially in Fleckvieh cattle, and shows an upward trend mainly due to the increased longevity. From our own analyses and results from other countries, we can assume that there are genetic differences that could be used for breeding purposes. Further analyses are therefore planned for the coming months.



Fleckvieh breeder of the year 2023

An exciting decision - congratulations to the Fürst family from Lasberg in Upper Austria!

Ing. Reinhard Pflieger, Fleckvieh Austria

The „Fleckvieh Breeder of the Year“ competition, which has been organised by Fleckvieh Austria every year for more than 20 years, has a high emotional value in the Austrian breeding scene. A combination of exceptional breeding achievements and fitness and management parameters at a high level is required to be among the front runners.

All Austrian Fleckvieh breeding farms that fulfil the following minimum criteria are included in the evaluation: Fleckvieh cattle are kept as the main breed and at least one young bull used for the first time (with at least 30 inseminations) or a progeny-tested bull (with at least 200 inseminations) or a genotyped male candidate ($GZW \geq 132$ and $feet\&leg+udder \geq 205$) has been bred. This year, 330 farms met these criteria.

This year, the coveted title of „Fleckvieh breeder of the year“ went to a perennial favourite in the ranking of the most successful Austrian Fleckvieh breeders. The Michael Fürst family of breeders from Lasberg in the RZO breeding area in Upper Austria secured the title of „Fleckvieh Cattle Breeder of the Year“ for the fourth time, something that no other breeding operation has ever achieved before. The basis for this success was a remarkable three progeny-tested bulls and six strong candidates, who scored the most points of all farms in the evaluation in the „Breeding“ category.

Fleckvieh cattle breeder of the year 2023: Fürst family, Lasberg, Upper Austria

In 2023, the competition experienced the closest decision in its more than 20-year history. The up-and-coming breeding farm of the Alexander Hörmandinger family from Peuerbach in the FIH breeding area in Upper Austria came second, just three points behind. Four highly interesting genomic young sires scored well in the „Breeding“ category. The herd is also convincing across the board in the fitness parameters. As in the previous year, the breeding farm of Hubert and Katharina Schrems from Mettmach in Upper Austria (FIH) secured third place on the podium. Five genomic young sires and seven interesting candidates scored plenty of points in the „Breeding“ category. Fourth place went to the Carinthian breeder family Martin Stückler from Prebl (CaRI), who scored points with many interesting male and female candidates and a very high GZW level in the herd. Milchhof Steiner from Hernstein in Lower Austria made it into the top 5 for the first time. The very large breeding herd impresses with top values in the fitness parameters and three young sires. Among the other farms in the top 10 are not only established names in Fleckvieh breeding but also, pleasingly, young, up-and-coming breeder families.

The farms Schrems (FIH), Hörmandinger (FIH), Milchhof Steiner (NÖGENETIK) and Fischer (FIH) were able to sell the most genomic young sires for insemination. As mentioned at the beginning, the breeding of genetically strong female candidates also brings points for the evaluation. The farms Schmidseider (FIH), Stückler (CaRI) and Schafferhofer (RSTM) were able to record the most countable breeding successes here.

The herds with the highest genetic value, expressed in average GZW, were the herds of the König (RSTM), Schmidseider (FIH) and Tüchler (NÖGENETIK) farms.

In the „fitness block“, the farms Wimmer (NÖGENETIK), Holzmann (FIH) and Glettler (RSTM) scored the most points.

Fleckvieh Austria congratulates all the farms that made it into this year's „Fleckvieh Breeder of the Year“ evaluation on the successful realisation of their breeding path.

1st place: Fürst family, Lasberg, RZO



The Fürst Simmental cattle breeding farm, vulgo „Weiss auf der Wies“, is located in the municipality of Lasberg in the district of Freistadt in the Mühlviertel. This year, the Fürst family won the title „Fleckvieh Cattle Breeder of the Year“ by a narrow margin of three points. This shows the density of the best breeders in Austria. The Fürst farm is the first in Austria to have won this title four times.

Fleckvieh cattle breeding has been practised for decades and generations with expertise, commitment and great pleasure. There has been great confidence in genomic breeding value assessment from the very beginning, and all male and female animals have been genomically analysed for around seven years.

> Scan the QR-Code for the report on the Fürst farm



2nd place: The Hörmandinger family, Peuerbach, FIH



The Hörmandinger farm in Peuerbach is a family business that stands on several pillars. Fleckvieh cattle breeding has been practised for generations. Alexander Hörmandinger has only recently taken over the farm from his parents. However, his father left the breeding decisions to him at a very young age. The whole family is delighted to have won second place in the Breeder of the Year award. Even though breeding has become more intensive in recent years thanks to Alex's commitment and breeding instinct, this success is the result of decades of breeding work. With MEGASTAR Pp*, MONORON, WHISTLER and EXCALIBUR, four genomic young sires were included in the evaluation. MEGASTAR Pp* in particular has a decisive influence on international Fleckvieh breeding. With GS MACH MIT Pp*, the next highly interesting young bull from the F-family is already pushing forward.



3rd place: Hubert and DI Katharina Schrems, Mettmach, FIH



Hubert and Katharina Schrems once again came third. Bulls from this breeding centre have been „fixed starters“ at insemination stations in Austria, Germany, the Czech Republic and Italy for several years. The participants of the last EUROgenetik bull dam tour were given an overview of the outstanding herd, which is based on several cow families. The H-family was successfully presented at the Upper Austrian breeding cattle show at the Rieder Messe. SEHRGUT daughter HANNERL's sons GS HAMOR and INN Pp* are stabled at Genostar and Hohenzell. IMAGINE Pp*, the best INGMAR son by HANNERL, was recently stabled in Hohenzell. The genetically homozygous polled MALEK PP* from the R family is used by RBW. Semen from HUML is available at the Jihocesky chovatel station in the Czech Republic. Also worth mentioning is HAKIMI P*S from the S family, which was secured by the Greifenberg insemination station.

4th place: Stückler family, Prebl, caRI

The Stückler family from the upper Lavanttal valley in Carinthia once again impressed with their Fleckvieh cattle breeding this year. After taking 7th place last year, the breeder family once again achieved a place among the top 5 in the top list of Austrian Fleckvieh breeders this year. The Stückler family stood out last year with their two young bulls GS WILD BOY and EXPORT.

19 candidates also earned the farm points for the ranking. With a herd GZW of 117.9, this farm is one of the best in Austria. The herd is characterised by its strong fitness values, milk yield and top conformation. A key component of his cow herd is certainly the Z-line, which currently consists of 24 cows. By using 100 % young bulls, the farm always endeavours to score points with the latest genetics. Embryo transfer is also a fixed point on the farm.

5th place: Steiner family, Hernstein, NOEGEN



The Steiner family dairy farm from Neusiedl near Hernstein is considered one of the pioneers in hornless breeding in Lower Austria. Hornlessness has been an important feature of the 145-cow farm, which is run jointly by brothers Martin and Hannes, for decades. A good third of the herd is now genetically polled. While the road at the beginning was rocky and associated with setbacks, breeding successes are now materialising. The HERZPOCHEN daughter LEISTE Pp, who also carries the polled gene, has played a major role in this with her offspring. GS EDMUND Pp (S: Easy) was the first of three sons to be purchased. GS WLAN PP (S: Waalkes Pp) and GS EBERHARD (S: Easy) followed him. Currently, the polled WINTERTRAUM son GS WINTODAY Pp is attracting attention with his fitness and conformation. The Steiner family is using the opportunity of embryo transfer to promote polled breeding on the farm and to continue to be successful in breeding in the future.

LORELEI – New world record for Fleckvieh cattle

Ing. Reinhard Pfleger, Fleckvieh Austria

LORELEI (S: Hortler) from the breeding farm of Johannes Weber from St. Michael im Lavanttal in Carinthia sets a new record. No Fleckvieh cow in the world has produced more fat and protein kilograms in her lifetime!

LORELEI was born on 2 November 2003 and spent 20 years at the Weber farm until her departure. She gave birth to 16 calves. LORELEI achieved a total of 15,197 kg of fat and protein in 4,737 milking days. With a lifetime milk yield of 202,726 kg, this corresponds to a daily milk yield of 35 kg.

After the MORROR daughter ERLE from the Schirnhofer farm in Styria, LORELEI is only the second Fleckvieh cow in the world to

exceed 200,000 kg lifetime production. She thus goes down in the history books of cattle breeding with the highest amount of fat and protein ever produced by Fleckvieh cattle.

Such an exceptional performance is only possible thanks to the combination of exceptional genes and years of excellent animal care by the breeder family.

Fleckvieh Austria and CaRINDthia congratulate the Weber family on the world record and this exceptional achievement.

LORELEI

HORTLER daughter LORELEI set a new world record with her lifetime production of 15,197 kg fat and protein



Fleckvieh at the Federal Beef Cattle Show 2023 in Traboch

Double victory for Carinthia



Ing. Josef Fleischhacker, Fleckvieh Austria

The 11th national show for beef cattle took place in mid-October at the Traboch Cattle Breeding Centre. 17 different breeds and 250 breeding cattle from all over Austria took part.

Fleckvieh was judged by Martin Piecha from Baden-Württemberg, the show animals were divided into three groups: A calf group with five animals, five cows with a total of six calves and four breeding bulls.

National female champion

The national winner was the cow KORNETTE (sire: T-Rex) with bull calf BASIC EROS (sire: Erebor PP*) from LFS Althofen, Carinthia. The judge described the cow-calf pairing as „an impressive overall package“. The national reserve champion was the extremely muscled and correct GS BIG BEN daughter BAILEY from Andreas Reischer from Furt, Lower Austria.

National champion of the bulls

With the young bull BASIC HOLD (born on 8 September 2022), LFS Althofen also secured the national victory in the Fleckvieh bulls. The dark red HOERBI son impressed with his good rump and balanced appearance.

ALONSO Pp* from the Lipp Johannes farm in Fehring (sire: Alex PP*) was the national reserve champion. The bull impressed with his enormous body length and above-average development. The group decision in the cow group was very impressive for many show visitors. A total of eleven breeding animals were in the show ring at the same time - but all the cattle were calm and relaxed. The cow LAVIE from the Missbichler farm in Upper Austria was „right in the middle“ with her twin calves LORENZ and ASTRA.

Captions, all photos: stephanhauser.com

Photo 1

National champion female: KORNETTE (S: T-Rex) with bull calf BASIC EROS (S: Erebor PP*) from LFS Althofen, Carinthia



photo 2

Reserve champion female: BAILEY (S: GS Big Ben) from Andreas Reischer from Furt, Lower Austria



photo 3

National champion male: BASIC HOLD (S: Hoerbi) from LFS Althofen, Carinthia



photo 4

Reserve champion male: ALONSO Pp* (S: Alex PP*) from Lipp Johannes from Fehring, BRZV



8th German Fleckvieh Show in Miesbach



On Saturday, September 23rd and Sunday, September 24th, the long-awaited 8th German Fleckvieh Show took place again in the Oberlandhalle in Miesbach. Around 4,000 visitors were welcomed, including from abroad, especially Austria and South Tyrol, but also from many Eastern European countries and even Central and South America. Farm visits, such as the Kiening family in Rottach-Egern, or a trip to the Tegernseer Land natural cheese dairy were also included. The well-known and popular Carinthian Reinhard Scherzer was recruited as judge, who confidently judged the show with his daughter Edina as ring wife and announced his retirement as judge in his closing words.

Around 110 cows of all ages took part in the competition, from young cows to well-deserved long-term performance cows with eleven calvings. There were 17 group and 8 class decisions and finally four elections for the national winner. The judging went from young to old, and the program was led by Christian Senftl.

The class winner of the freshly milked first-calf cows was Ex-Machina's daughter Gina from the Pilz family from Kallmünz, Bavaria (BY). Gabriola (V: Zeiger) from the Keller company in Allmendingen, Baden-Württemberg (BW) took the reserve class victory. The class of old milking cows was won by the very elegant and framed Virginia daughter Beauty from the Walser farm in Eurasburg, (BY), ahead of the Vlutlicht daughter Amsel from the Fohrer farm in Feuchtwangen (BY). In the first decision for the Young Champion, Scherzer took the "crown" to the "special young cow" Gina, a very balanced young cow with the best dual-purpose type, and the first major title went to the Upper Palatinate. He made Walser's Virginia daughter Beauty to the Young Champion Reserve. For the decision to become Medium Champion, 16 second-calving cows and 14 third-calving cows competed in a total of four groups. "The second-calf cows should be well developed, but still youthful and without any signs of deterioration," emphasized the judge. The Malaga-Pp* daughter Mali Pp* from Martin Bosch from Ballendorf (BW) initially prevailed as class winner of the second-calf cows. Class reserve winner was the young Harley daughter Lisa from Klaus Puchta, Zell (BY). In the group of third-calf cows he found the best overall package in the powerful Miami daughter Miracle from Bgm. Leitersbuch, Berghülen (BW). Judge Schärzer made her the class winner and in the end also the Medium Champion ahead of the well-presented Villeroy daughter Hope from the Hüttner farm from Wassertrüdingen (BY), who was both class reserve champion for third-calf cows and Medium Champion Reserve.

Initially, 15 fourth-calf cows competed in two groups for the federal decision for senior cows. Scherzer found a cow with a "winning gene" in the first, very balanced group of fourth-calf cows with the Hood daughter Phönix from the Böhm farm, Aufsess (BY), which came ahead of the Hutill daughter Priska from Stier Schönenberg GbR, Untermünkheim (BW). These two strong cows ultimately won the class and the class reserve victory. Only narrowly beaten by the two four-calf cows Gstar from the Pilz family and the

Vernando daughter Kathamandu from Böhm GbR, Oppertshofen, a half-sister to bulls like Sunrise, Waitara and Hyperlink P*S. The cows with 5 calvings were still missing for the senior federal decision; 12 animals in two groups competed here. The typey and impressive cows in this class were led by Albert Schausbreitner's Manuap daughter Uschina from Eiselfing (BY). The reserve victory went to the Gabriel Heister farm from Kirchain in Hesse (HE) with his large-framed Hutera daughter Ramona. In the national decision for the best senior Fleckvieh cow, Scherzer took the Hood daughter Phönix, who was well presented and so expressive that day on the first place and the Manuap daughter Uschina became reserve champion. "Cows like these are actually not old yet, they are in full production and are in their prime age of use. Maybe we should move the labeling for these cows up in the near future," said Scherzer.

After around six hours of animal show marathon, another highlight of the show followed. The search was for the Longevity Champion. 21 cows with six to eleven calves presented themselves to the judge. The harmonious Polaroid daughter Lineth from the Mosandl farm in Ottmaring (BY) narrowly won the ring of cows with six calvings, ahead of the well-known Valeur daughter Ikarus from the Espert farm in Dietersheim (BY). A show cow from Baden-Württemberg, which was exceptionally successful over the last 24 months, also dominated the group of cows with seven calvings. There was no way around Josef Hilsenbeck's Valot daughter Larissa from Ellwangen (BW) that day either. In the class decision, Larissa was ahead of Mosandl's Lineth. For the final class decision, five cows with eight calvings came into the show arena. Rave's daughter Naomi, from Franz Vordermayer, Riedering (BY), who was already highly regarded in advance, took the lead in the group. In the last group decision, "the most difficult," as Scherzer emphasized, Zora from Aischland Milch GbR in Weikersheim (BW), a strong nine-calf Valot daughter, was at the head of the group. "Any cow could stand here at the front today, but she is the most beautiful for me today," said the enthusiastic judge and emphasized: "Only Simmental cattle can exhibit cows this old in such condition." Given this quality, it would be possible to usher in "a new era" in breeding, said Scherzer. In the class decision, Naomi stood ahead of Zora. When awarding the prize for the Longevity Champion, Scherzer then placed the still young Naomi in front of the capital Larissa. So the last championship title went to Upper Bavaria in the Miesbacher area, the homeland of German Simmental cattle breeding. At the end, Scherzer was overwhelmed and deeply moved by the achievements in Simmental cattle breeding over the last 30 to 40 years. The managing director of ASR, Dr. Johann Ertl congratulated all the show participants on their participation and the breeders of the winning animals on their success. Ertl thanks also all employees, helpers and sponsors who made this 8th German Fleckvieh Show in Miesbach possible.

8. Deutsche Fleckviehschau in Miesbach



Am Samstag, den 23. und Sonntag den 24. September fand die lang ersehnte 8. Deutsche Fleckviehschau in der Oberlandhalle in Miesbach wieder statt. Rund 4.000 Besucher, auch aus dem Ausland, vor allem Österreich und Südtirol, aber auch aus vielen osteuropäischen Ländern und sogar Mittel- und Südamerika konnten begrüßt werden. Betriebsbesuche, wie z.B. bei Familie Kiening in Rottach-Egern, oder ein Abstecher zur Naturkäserei Tegernseer Land gehörten ebenfalls dazu.

Als Preisrichter konnte der bekannte und beliebte Kärntner Reinhard Scherzer gewonnen werden, der mit seiner Tochter Edina als Ringfrau souverän die Schau richtete und in seinen Schlussworten seinen Rückzug als Preisrichter bekannt gab.

Rund 110 Kühe aller Altersklassen traten im Wettbewerb an, von der Jungkuh bis zur verdienten Dauerleistungskuh mit elf Abkalbungen. 17 Gruppen- sowie acht Klassenentscheide und schließlich vier Wahlen zum Bundessieger galt es vorzunehmen. Gerichtet wurde von jung nach alt, durch das Programm führe Christian Senftl.

Klassensiegerin der frischmelkenden Erstkalbskühe wurde Ex-Machina-Tochter Gina von Familie Pilz aus Kallmünz, Bayern (BY). Den Reserveklassensieg holte sich Gabriola (V: Zeiger) vom Betrieb Keller in Allmendingen, Baden-Württemberg (BW). Die Klasse der altmelkenden Kühe konnte die sehr elegante und rahmige Virginia-Tochter Beauty vom Betrieb Walser aus Eurasburg, (BY) vor der Vlutlicht-Tochter Amsel vom Betrieb Fohrer aus Feuchtwangen (BY) für sich entscheiden. Im ersten Entscheid um den Bundeschampion jung setzte Scherzer mit der „Spezial-Jungkuh“ Gina eine sehr ausgeglichene, im besten Doppelnutzungstyp stehende Jungkuh die „Krone“ auf und der erste große Titel ging damit in die Oberpfalz. Zur Bundesreservesiegerin der Jungkühe machte er Walsers Virginia-Tochter Beauty.

Für die Entscheidung zum Bundeschampion mittel traten 16 Zeitkalbskühe und 14 Drittkalbskühe in insgesamt vier Gruppen an. „Gut weiterentwickelt, aber noch jugendlich und ohne Gebraucherscheinungen sollen die Zweitkalbskühe sein“, betonte der Preisrichter. Als Klassensiegerin der Zweitkalbskühe setzte sich zunächst die Malaga-Pp*-Tochter Mali Pp* von Martin Bosch aus Ballendorf (BW) durch. Klassenreservesiegerin wurde die noch jugendliche Harley-Tochter Lisa von Klaus Puchta, Zell (BY). Bei der Gruppe der Drittkalbskühe fand er das beste Gesamtpaket in der kraftvollen Miami-Tochter Miracle von der Bgm. Leitersbuch aus Berghülen (BW). Preisrichter Schärzer machte sie zur Klassensiegerin und am Ende auch Bundeschampion mittel vor der bestenspräsentierten Villeroy-Tochter Hoffnung vom Betrieb Hüttner aus Wassertrüdingen (BY), die sowohl Klassenreservesiegerin der Drittkalbskühe als auch Bundesreservesiegerin mittel wurde.

Zum Bundesentscheid der Senioren-Kühe traten zunächst 15 Viertkalbskühe in zwei Gruppen an. Eine Kuh mit „Sieger-Gen“ fand Scherzer in der ersten, sehr ausgeglichenen Gruppe der Viertkalbskühe mit der Hood-Tochter Phönix vom Betrieb Böhm, Aufsess (BY), die vor der Hutill-Tochter Priska von der Stier Schönenberg GbR aus Untermünkheim (BW) lief. Diese beiden starken Kühe machten schließlich auch den Klassen- und den Klassenreservesieg unter sich aus. Nur knapp geschlagen die beiden Parade-Viertkalbskühe Gstar von Familie Pilz und die

Vernando-Tochter Kathamandu von der Böhm GbR aus Oppertshofen, eine Halbschwester zu Stieren wie Sunrise, Waitara und Hyperlink P*S.

Zum Bundesentscheid Senior fehlten noch die Kühe mit 5 Abkalbungen, 12 Tiere in zwei Gruppen traten hier an. Die typvollen und imposanten Kühe dieser Klasse führte die Manuap-Tochter Uschina von Albert Schaubreitner aus Eiselfing (BY) an, der Reservesieg ging an den Betrieb Gabriel Heister aus Kirchain in Hessen (HE) mit seiner großbrahmigen Hutera-Tochter Ramona.

Beim Bundesentscheid um die beste Senior-Fleckviehkuh führte für Scherzer dann kein Weg an der an diesem Tag bestens präsentierten und so ausdrucksstarken Hood-Tochter Phönix vorbei, Reservechampion wurde die Manuap-Tochter Uschina. „Kühe wie diese sind eigentlich noch nicht alt, sie stehen voll in der Produktion und sind im besten Hauptnutzungsalter. Vielleicht sollten wir schon in naher Zukunft den Ausdruck für diese Kühe nach oben verschieben“, gab Scherzer zu bedenken.

Nach rund sechs Stunden Tierschaumarathon ging es in Richtung eines weiteren Schauhöhepunktes. Gesucht wurde der Bundeschampion der Dauerleistungskühe. 21 Kühe mit sechs bis elf Abkalbungen stellten sich dem Preisrichter. Den Ring der Kühe mit sechs Abkalbungen konnte die harmonische Polaroid-Tochter Lineth vom Betrieb Mosandl aus Ottmaring (BY) knapp für sich entscheiden, vor der bekannten Valeur-Tochter Ikarus vom Betrieb Espert aus Dietersheim (BY).

Eine in den letzten 24 Monaten außergewöhnlich erfolgreiche Schaukuh aus Baden-Württemberg dominierte schließlich auch die Gruppe der Kühe mit sieben Abkalbungen. An der Valot-Tochter Larissa von Josef Hilsenbeck aus Ellwangen (BW) führte auch an diesem Tag kein Weg vorbei. Im Klassenentscheid lag Larissa dann auch vor Mosandls Lineth.

Zum letzten Klassenentscheid kamen zunächst fünf Kühe mit acht Abkalbungen in die Schauarena. Die schon im Vorfeld hoch gehandelte Rave-Tochter Naomi von Franz Vordermayer aus Riederling (BY), setzte sich an die Spitze der Gruppe.

Im letzten Gruppenentscheid, „dem schwersten“, wie Scherzer betonte, stand mit Zora von der Aischland Milch GbR in Weikersheim (BW) eine starke neunkälbrige Valot-Tochter an der Spitze der Gruppe. „Jede Kuh könnte heute hier vorne stehen, aber sie ist heute die schönste für mich“, sagte der begeisterte Preisrichter und betonte: „Nur Fleckvieh kann so alte Kühe in einer solchen Kondition ausstellen“. Angesichts dieser Qualität könnte man züchterisch durch aus „ein neues Zeitalter“ einläuten, meinte Scherzer. Im Klassenentscheid stand dann Naomi vor Zora.

Bei der Vergabe des Preises für den Bundeschampion Dauerleistung stellte Scherzer dann die noch jugendliche Naomi vor die kapitale Larissa. Somit ging der letzte Championtitel nach Oberbayern ins Miesbacher Verbandsgebiet, dem Ursprungsgebiet der deutschen Fleckviehzucht.

Scherzer zeigte sich am Ende überwältigt und bewegt, was man in den letzten 30 bis 40 Jahren in der Fleckviehzucht alles erreicht habe. Der Geschäftsführer der ASR, Dr. Johann Ertl gratulierte allen Schaubeschickern zur Teilnahme und den Züchtern der Siegertiere zu den Erfolgen. Ertls Dank galt auch allen Mitarbeitern, Helfern und Förderern, die diese 8. Deutsche Fleckviehschau in Miesbach möglich gemacht haben.

Platz / ranking	Name	Abstammung / descent	Leistung / performance	Besitzer / owner	ZV / breed org.
Kühe mit 1 Abkalbung, frischmelkend / cows with one calf, freshly milked					
1a	Minze	Vici Pp* x Dream	2. PM 31,5/3,78/3,20	Feidl Johann, Griesstätt	MÜ
1b	Storia	Wuhudler x Informant	1. PM 32,5/3,91/3,88	Böhm Christiane, Aufsess	BT
1c	Wendy	Hashtag x Porto	1. PM 35,3/4,10 3,00	Hermanns Agrar GbR, Ziertheim	WER
1a/KS/CH	Gina	EX Machina x Weltstar	2. PM 28,6/5,20/3,67	Pilz Martin, Kallmünz	SAD
1b/RKS	Gabriola	Zeiger x Manor	Ř3 PM 31,4/3,04/3,28	Keller Joachim, Allmendingen	RBW
1c	Gitti	Hexagon x Indossar	2. PM 28,7/3,81/3,18	Kugler Georg jun. Ehekirchen	PAF
Kühe mit 1 Abkalbung, altmelkend / cows with one calf, old milked					
1a/KS/RCH	Beauty	Virginia x Dell	100Tg 2949/3,80/3,38	Walsler Michael, Eurasburg	WM
1b	Hexiko	Virginia x Wille	100Tg 3006/409/3,59	Schederecker Johann, Schnaitsee	TS
1c	Klari Pp*	Vidi Pp* x Sehrgut	100Tg 3671/3,63/3,49	Zierer GbR, Pfeffenhausen	NDB
1a	Arnika	Zubringer x Walfried	100Tg 3272/4,25/3,24	Heiß Josef, Fischbachau	MB
1b	Sandra	Virginia x Minolta	100Tg 3598/3,83/3,26	Hilger GbR, Babensham	MÜ
1c	Willko	Illkofen x Headmaster	100Tg 3368/4,39/3,41	Deubzer Lukas, Trabititz	SAD
1a/RKS	Amsel	Vlutlicht x Gesico	100Tg 3495/3,47/3,16	Fohrer GbR, Feuchtwangen	FR
1b	My-Life	Edelstein x Hubraum	200Tg 5999/4,17/3,45	Keller Joachim, Allmendingen	RBW
1c	Sunrise	Woiwode x Wikinger	100Tg 3298/3,79/3,38	Schächner Johann, Feichten	MÜ
Kühe mit 2 Abkalbungen / cows with 2 calves					
1a/RKS	Lisa	Harley x Valero	2/1 305 9499/3,68/3,39	Puchta Klaus, Zell	BT
1b	Bini Pp*	Majestaet PP* x Milchprinz	2/1 305 10136/4,07/3,56	Traunsteiner Ludwig GbR, Kirchensur	MÜ
1c	150 Pp*	MyLife Pp* x Vollgas	2/1 305 10172/4,54/3,44	Katheder E. u. L GbR, Treuchtlingen	FR
1a/KS	Mali Pp*	Malaga Pp* x Pandora	2/1 299 8413/3,83/3,25	Bosch Martin, Ballendorf	RBW
1b	Bonny	Mogul x Hutera	2/1 305 10955/4,36/3,84	Huber GbR, Haundorf	FR
1c	Phata	Lichtblick x Valeur	2/1 305 9777/4,17/3,64	Gallenberger Martin, Neustadt	NDB
Kühe mit 3 Abkalbungen / cows with 3 calves					
1a/KS/CH	Miracle	Miami x Wator	3/2/305 10061/4,09/3,42	Bgm. Leitersbuch GbR, Berghülen	RBW
1b	Thekla	Worldcup x Rockstar	3/2 305 9814/3,42/3,20	Niedermair H. Feld.-Westerham	MB
1c	Great PP*	MyLife Pp* x Solero PP*	3/2 298 10471/3,87/3,53	Scharnagl Thomas, Mähring	SAD
1a/RKS/RCH	Hoffnung	Villeroy x Waldbrand	3/2,0 9703/4,44/3,59	Hüttner Martin, Wassertrüdingen	FR
1b	Gendery	Varta x Mint	3/2 11329/3,89/3,73	Ewald Philipp, Bräunlingen	WER
1c	Oxaca	Hurly x Mint	3/2 305 9783/3,79/3,38	Weller Klaus, Erlangen	FR
Kühe mit 4 Abkalbungen / cows with 4 calves					
1a/KS/CH	Phoenix	Hood x Odin	4/2,5 12320/3,85/3,53	Böhm Christiane, Aufsess	BT
1b/RKS	Priska	Hutill x Manuap	4/2,5 12012/3,72/3,59	Stier Schöneberg GbR, Untermünkheim	RBW
1c	Lenal	Miami x Versetto	4/2,6 10929/4,21/3,57	Halmbacher Johann jun., Taufkirchen	MÜ
1a	Gstar	Weltstar x Hutera	4/2,6 10589/4,68/3,77	Pilz Martin, Kallmünz	SAD
1b	Kathmandu	Vernando x Mint	4/2,9 9971 3,81/3,48	Böhm GbR, Tapfheim	WER
1c	Heiderose	Herz x Rau	4/3,2 10638/4,22/3,77	Graf Josef jun. Windorf	NDB
Kühe mit 5 Abkalbungen / cows with 5 calves					
1a/KS/RCH	Uschina	Manuap x Ettal	5/3,9 9787/4,59/3,55	Schausbreitner Albert, Eiselring	MÜ
1b	Offerte	Vlutlicht x Wille	5/3,3 9618/4,00/3,48	Daniel Schneider GbR, Bühlerzell	RBW
1c	Minka	Polarbaer x Manigo	5/3,1 9814 4,00/3,74	Fohrer GbR, Feuchtwangen	FR
1a/RKS	Ramona	Hutera x Rau	5/4 10044/4,86/3,80	Heister Gabriel, Kirchhain	Qnetics
1b	Karla	Manuap x Waldbrand	5/4,2 11067/4,23/3,83	Föttinger Stefan, Treuchtlingen	FR
1c	Larissa	Etoscha x Hutera	5/3,4 9600/4,22/3,56	Lechner Robert, Sauerlach	MB
Kühe mit 6 Abkalbungen / cows with 6 calves					
1a/RKS	Lineth	Polaroid x Ettal	6/4,8 10916/4,34/3,38	Mosandl GbR, Dietfurt	SAD
1b	Ikarus	Valeur x Hupsol	6/4,6 13358/4,50/3,46	Espert G.u.l.GdBR, Dietersheim	FR
1c	Franzi	Manuap x Waldbrand	6/5 8733/4,71/3,81	Hofmann Frank, Gersfeld	Qnetics
Kühe mit 7 Abkalbungen / cows with 7 calves					
1a/KS	Larissa	Valot x Leon	7/6,6 9692/4,49/3,76	Hilsenbek Josef, Ellwangen	RBW
1b	Mila	Marmor P*s x Malibu	7/5 305 8769/4,84/3,54	Hindelang Josef, Uffing	WM
1c	Hedda	Vista x Hilf	7/5,5 10385/3,78/3,53	Busch GbR, Heidenheim	FR
Kühe mit 8 Abkalbungen / cows with 8 calves					
1a/KS/CH	Naomi	Rave x Wal	8/7,4 10732/3,98/3,45	Vordermayer Franz, Riedering	MB
1b	Gismiralda	Vogt x Losam	8/9,6 10144/3,82/3,36	Mayer GbR, Nattheim	RBW
1c	Kassel	Irola PP* x Leon	8/6,8 9340/4,74/3,57	Agrosilva GmbH & Co. KG, Ulm	RBW
Kühe mit 9 und mehr Abkalbungen / cows with 9 calves and more					
1a/RKS	Zora	Valot x Webal	9/7,5 9134/4,47/3,72	Hof Aischland Milch GbR, Weikersheim	RBW
1b	Wonne	Illion x Hippo	11/9,2 8759/4,34/3,39	Resch Christian, Saaldorf	TS
1c	Naomi	Ruptal x Zahner	10/8,5 10847/3,55/3,15	Götz GbR, Deining	SAD

KS: Klassensieg / class winner

RKS: Reserve-Klassensieger / class winner reserve

CH: Champion / champion

RCH: Reserve-Champion / champion reserve



BUNDESSIEGERIN JUNG (links oben): **GINA** (Nr. 14) Martin Pilz, Kallmünz, RZV Oberpfalz

BUNDESSIEGERIN MITTEL (rechts oben): **MIRACLE** (Nr. 76) BG Leitersbuch GbR, Berghülen, RBW

BUNDESSIEGERIN SENIOR (links unten): **PHOENIX** (Nr. 106) von Christiane Böhm, Aufsess, RZV Oberfranken

BUNDESSIEGERIN DAUERLEISTUNG (rechts unten): **NAOMI** (Nr. 154) von Franz Vodermayer, Riedering, ZV Miesbach

YOUNG CHAMPION (top left): **GINA** (Nr. 14) Martin Pilz, Kallmünz, RZV Oberpfalz

MEDIUM CHAMPION (top right): **MIRACLE** (Nr. 76) BG Leitersbuch GbR, Berghülen, RBW

SENIOR CHAMPION (down left): **PHOENIX** (Nr. 106) Christiane Böhm, Aufsess, RZV Oberfranken

LONGEVITY CHAMPION (down right): **NAOMI** (Nr. 154) Franz Vodermayer, Riedering, ZV Miesbach



Champions von links nach rechts: Bundessiegerin Dauerleistung / Longevity Champion NAOMI, Bundessiegerin Senior / Senior Champion PHOENIX, Bundessiegerin Mittel / Medium Champion MIRACLE, Bundessiegerin Jung / Young Champion GINA

Bernhard Luntz retired



At the end of September, senior agricultural director Bernhard (Bernd) Luntz, head of progeny classifiers and deputy director of the Institute for Animal Breeding at the Bavarian State Research Institute for Agriculture in Grub, began his well-deserved retirement. After completing his legal clerkship, Bernd Luntz initially worked at the Animal Breeding Office in Ansbach, before taking over the Northern Bavarian Breeding Value Testing Office in 1996. In 2003 he moved to the Institute for Animal Breeding in Grub and has since been responsible for the entire progeny classification in Bavaria. He has also been deputy director of the institute since April 2021. In his career, Bernd Luntz has advanced the conformation evaluation both organizationally and technically. In addition to his professional expertise, which also made him a sought-after international judge, and his significant influence on the planned mating of Fleckvieh and

Brown Swiss, the development of FleckScore and BrownScore is particularly noteworthy. This made it possible for the first time to focus the evaluation of total scores in frame, feet and legs and udder consequently on an optimal longevity and to standardize the evaluation of scores internationally much better. The success proves the system, it is now used internationally in almost every country.

The General Assembly of ESF appointed Reinhard Pflieger, the managing director of Fleckvieh Austria, who has also been active in the working group for many years, as his successor. Thomas Pfaller took over the management of the progeny classifiers at the Institute for Animal Breeding at the Bavarian State Research Institute for Agriculture in Grub and thus succeeded Bernd Luntz.

ASR

Bernhard Luntz im Ruhestand

Ende September hat der Leitende Landwirtschaftsdirektor Bernhard (Bernd) Luntz, der Leiter der Nachzuchtbewertung und stellvertretender Institutsleiter am Institut für Tierzucht der LfL in Grub seinen verdienten Ruhestand angetreten. Bernd Luntz war nach dem Referendariat zunächst am Tierzuchtamt Ansbach, bevor er 1996 die Zuchtwertprüfstelle Nordbayern übernahm. Im Jahr 2003 wechselte er zum Institut für Tierzucht nach Grub und verantwortete seitdem die gesamte Nachzuchtbewertung in Bayern. Seit April 2021 war er zudem stellvertretender Institutsleiter. Bernd Luntz hat in seiner Karriere die Exterieurbeschreibung organisatorisch und fachlich weit vorangebracht. Neben seiner fachlichen Expertise, die ihn auch zum gefragten internationalen Preisrichter machte und seinem maßgeblichen Einfluss auf die gezielte Paarung bei Fleckvieh und Braunvieh, ist besonders die

Entwicklung von FleckScore und BrownScore hervorzuheben. Damit gelang es erstmals, die Vergabe der Gesamtnoten in den Bereichen Rahmen, Fundament und Euter konsequent auf eine optimale Nutzungsdauer auszurichten und die Notenvergabe international deutlich besser zu standardisieren. Der Erfolg gibt dem System recht, sie werden heute international in nahezu jedem Land angewendet.

Zu seinem Nachfolger bestellte die Generalversammlung der EVF Reinhard Pflieger, den Geschäftsführer von Fleckvieh Austria, der ebenfalls schon viele Jahre in der Arbeitsgruppe aktiv ist. Die Leitung der Arbeitsgruppe Nachzuchtbewertung am Institut für Tierzucht der LfL und somit die Nachfolge von Bernd Luntz, übernahm Thomas Pfaller.

ASR

WG Simmental Beef in Stirling - Scotland



The meeting of the Simmental Beef Working Group took place on October 21, 2023 in Stirling, Scotland. Participants from Austria, Switzerland, Germany, Italy, Ireland and Great Britain took part at the meeting and discussed, among other things, the future of genomic selection in Simmental Beef. Interesting lectures about the current status of the breed in the member countries rounded off the exchange of information.

A larger group of participants of Simmental Beef breeders from Germany, Switzerland, Italy, Denmark, Ireland and the Czech Republic visited various breed farms:

Wolfstar Simmental in Ormiston – 350 ha are managed, of which 90 ha are grassland for 120 Simmental Beef Herd book, Aberdeen Angus Herd book and a cross-breed herd of suckler cows. Breeding animals are sold at auctions and from the farm at any time. In addition, oxen are raised from the production herd.

Springfield Simmental Farm in Penicuik – the family runs the

part-time farm since 2010. The main job is making turf for football fields. In addition to Simmental Beef cattle, the farm also has pigs and sheep. Gavin Brown works with embryo transfer.

Strathisla Farms in Blairgowrie – the farm has about 1.000 ha of potato, cereal and forage production. There are 60 Simmental herd book cows and 40 Charolais herd book cows in the herd. The rest are crossing between Simmental and Shorthorn. There are a total of 250 suckler cows on the farm. Marketing takes place via auctions and slaughterhouses. 13-month-old bulls with a slaughter weight of approx. 400 kg are sold.

The judging of over 75 Simmental bulls and their auction at the Auction Center in Stirling were on the agenda over the following two days. The 18-month-old champion bull OVERHILL HOUSE NEO, a son of PISTYLL KINGSMAN 19 x HILLCREST JEROME ET from Richard McCulloch, impressed with strong muscles in all

part of the body as well as with solid feet and legs and enormous charisma in the ring. As class winner in the middle age group and overall champion, he achieved the record price of 46,000 gns (approx. 49,000 €).

The auction of the 50-head Heathbrow herd also attracted great attention and demand – all animals, from calves to old bulls, were auctioned off.

The most expensive animal was the 18-month-old heifer HEATHBROW NATASHA with 32,000 gns, approx. 34,000 €.

Father: HEATHBROW IMPORTANT 17, mother: RACEVIEW EMERALD ALICIA 600 – a dream of a heifer that has everything a breeder's heart desires, with very good feet and legs, strong muscles and enormous depth and width.

The next meeting of the Working Group Simmental Beef will take place from April 11th to 14th, 2024 at the 6th National Fleckvieh-Simmental Show as part of the agra in Leipzig (Saxony).

VDSi/ASR

AG Simmental Beef in Stirling - Schottland

Am 21. Oktober 2023 fand in Stirling, Schottland, das Treffen der Arbeitsgruppe Simmental Beef statt. Teilnehmer aus Österreich, Schweiz, Deutschland, Italien, Irland und Großbritannien nahmen an der Sitzung teil und diskutierten u.a. über die Zukunft der Genomischen Selektion beim Fleckvieh der Nutzungsrichtung Fleisch. Interessante Vorträge über den aktuellen Stand der Rasse in den Mitgliedsländern rundeten den Informationsaustausch ab. Eine größere Teilnehmergruppe von Fleckvieh Fleisch-Züchtern aus Deutschland, Schweiz, Italien, Dänemark, Irland und Tschechien besichtigten verschiedene Zuchtbetriebe:

Wolfstar Simmental in Ormiston – bewirtschaftet werden 350 ha, davon 90 ha Grünland für 120 Mutterkühe Simmental Herdbuch, Aberdeen Angus Herdbuch und einer Kreuzungsherde. Verkauft werden Zuchttiere auf Auktionen und ab Hof zu jeder Zeit. Außerdem werden aus der Produktionsherde Ochsen aufgezogen.

Springfield Simmental Farm in Penicuik – die Familie bewirtschaftet den Nebenerwerbsbetrieb seit 2010. Hauptberuflich stellt er Rollrasen für Fußballfelder her. Neben Rindern der Rasse Simmental Beef gehören noch Schweine und Schafe zur Farm. Gavin Brown arbeitet mit Embryotransfer

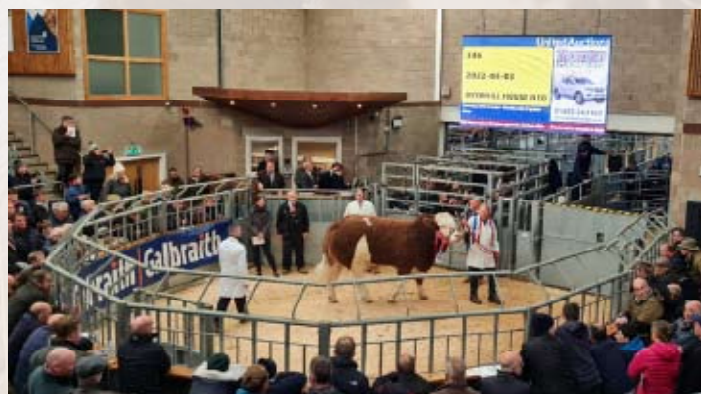
Strathisla Farms in Blairgowrie – die Farm bewirtschaftet ca. 1.000 ha mit Kartoffel-, Getreide- und Futteranbau. Im Bestand sind 60 Herdbuch Simmental und 40 Herdbuch Charolais Kühe. Der Rest sind Kreuzungen zwischen Simmental und Shorthorn. Insgesamt stehen im Betrieb 250 Mutterkühe. Die Vermarktung erfolgt über Versteigerungen und Schlachthöfe. Verkauft werden 13 Monate alte Bullen mit einem Ausschlachtgewicht von ca. 400 kg.

Das Preisrichten von über 75 Simmental-Bullen und deren Versteigerung im Auction Center in Stirling stand an den folgenden zwei Tagen auf dem Programm. Der 18 Monate alte Championbulle OVERHILL HOUSE NEO, ein PISTYLL KINGSMAN 19 x HILLCREST JEROME ET Sohn von Richard McCulloch beeindruckte mit starker Bemuskelung in allen Körperteilen sowie mit soliden Fundamenten und enormer Ausstrahlung im Ring. Als Klassensieger der mittleren Altersklasse sowie Champion über alle Altersklassen hinweg konnte er in der Versteigerung den Rekordpreis von 46.000 gns (ca. 49.000 €) erzielen.

Große Beachtung und Nachfrage fand auch die Versteigerung der 50-köpfigen Heathbrow Herde – alle Tiere, vom Kalb bis zum Altbullen, wurden verauktioniert.

Das teuerste Tier war die 18 Monate alte Färse HEATHBROW NATASHA mit 32.000 gnx, ca. 34.000 €. Vater: HEATHBROW IMPORTANT 17, Mutter: RACEVIEW EMERALD ALICIA 600 – eine Traumfärse, die einfach alles mitbringt, was das Züchterherz begehrt, bei sehr gutem Fundament, starker Bemuskelung und enormer Tiefe und Breite.

Das nächste Treffen der Arbeitsgruppe findet vom 11. bis 14. April 2024 zur 6. Bundesschau Fleckvieh-Simmental im Rahmen der agra in Leipzig (Sachsen) statt.



Preisrichten und Versteigerung des Champions OVERHILL HOUSE NEO

Judging and auction of the champion OVERHILL HOUSE NEO

ESF-General Assembly: Bulgaria new member



On the day before the 8th German Fleckvieh Show, ASR president Georg Hollfelder, together with ESF president Sebastian Auernig, ESF general secretary Dr Johann Ertl and Dr Georg Beck from the Bavarian State Ministry of Food, Agriculture and forestry was able to welcome delegates from eleven European Simmental countries to the ESF General Assembly in Bad Aibling.

The Bulgarian Simmental Breeding Association was accepted into the European Simmental family as a new member. Great efforts are being made here to put the Fleckvieh breed back to former extension.

The topic of genomic is very important. Germany, Austria and the Czech Republic are currently taking full part in the common breeding value estimation, which is done since 2021 via Single-Step method. Italy, Slovakia and Hungary are taking part currently partially. Slovakia is expected to provide data for the conformation breeding value estimation since the breeding value estimation in December 2023. Slovenia, Croatia and France take part in the genomic selection. Most of the countries mentioned also want to participate in the DAC-EBV with phenotypes, including Croatia. This small Fleckvieh nation is looking forward to host the ESF congress in 2025.

After the formal part, three specialist lectures met with great interest from the participants:

Bernd Luntz and Dr Dieter Krogmeier, both from the Bavarian State Research Institute for Agriculture (animal breeding) dedicated themselves to the current innovations in conformation evaluation with FleckScore and the connection between type traits and longevity. 2.2 Mio. Fleckvieh animals have now been described linearly. Last but not least, the lively exchange between the countries, FleckScore and Single-Step have led to objective comparability across countries and the genotypes and phenotypes

between countries are becoming more and more similar. The genetic trends for feet and legs and udder are increasing and the muscling has not been lost. Longevity also increases, partly due to the improved management but ultimately also due to the improved conformation.

Prof Dr Hubert Spiekers from the Bavarian State Research Institute for Agriculture (animal nutrition) gave the Simmental cattle experts gathered on site and connected from the USA a summary conclusion from a large number of experiments on beef production with Simmental cattle. Both - with calves from dairy farming and with weanlings from suckler cow farming is presumed, that Fleckvieh enables very efficient beef production with high daily gains, even up to a comparably high live weight at slaughter of 780 kg. Crosses between dairy breeds and beef breeds (e.g. Brown Swiss x Blue Belgians) achieve similar slaughter results, but do not come close to the daily gains.

Prof Dr Wilhelm Windisch, former full professor for animal nutrition at the Technical University of Munich, illuminated issues on the topics of food competition and climate protection in connection with animal production in a fascinating manner. He answered the question „Can we manage without farm animal“ with a clear no: „ We cannot abstain from farm animals. They are an important part of the agricultural circular economy. Feeding humanity with minimal impact on the environment and climate causes a local balance between crop production and animal husbandry“. Only by utilizing non-edible biomass through animal husbandry, 50 % more food can be obtained from an area, even without competition for food. It is important to improve the efficiency of the utilization of non-edible biomass by livestock.

editorial office Rinderzucht Fleckvieh/ASR

Generalversammlung der Europäischen Vereinigung: Bulgarien neues EVF-Mitglied

Am Vortag der 8. Deutschen Fleckviehschau konnte der ASR-Vorsitzende Georg Hollfelder zur Generalversammlung der Europäischen Vereinigung der Fleckviehzüchter (EVF) in Bad Aibling gemeinsam mit EVF-Präsident Sebastian Auernig, Generalsekretär Dr. Johann Ertl und Dr. Georg Beck vom Bayerischen Landwirtschaftsministerium die Delegierten von elf europäischen Fleckvieh-Ländern willkommen heißen.

Als neues Mitglied wurde der bulgarische Fleckviehzuchtverband in die europäische Fleckviehfamilie aufgenommen. Hier werden große Anstrengungen unternommen, die Rasse Fleckvieh wieder auf ein breiteres Fundament zu stellen.

Das Thema Genomik ist in aller Munde. An der gemeinsamen Zuchtwertschätzung, die seit 2021 mit der Single-Step-Methode durchgeführt wird, nehmen derzeit Deutschland, Österreich und Tschechien vollumfänglich teil. Teilweise dabei sind aktuell Italien, die Slowakei und Ungarn. Ab der Dezember Zuchtwertschätzung 2023 wird voraussichtlich auch die Slowakei Daten zur Exterieurzuchtwertschätzung liefern. An der genomischen Selektion nehmen darüber hinaus noch Slowenien, Kroatien und Frankreich teil. Die meisten der genannten Länder wollen auch mit Phänotypen in der DAC-ZWS teilnehmen, so auch Kroatien. Die

kleine Fleckvieh-Nation freut sich, im Jahr 2025 den Kongress der EVF abhalten zu können.

Nach dem formalen Teil stießen drei Fachvorträge auf großes Interesse der Teilnehmer:

Bernd Luntz und Dr. Dieter Krogmeier, beide vom LfL-Institut für Tierzucht, widmeten sich den aktuellen Neuerungen in der Exterieurbewertung mit FleckScore und dem Zusammenhang zwischen den Exterieurmerkmalen und der Nutzungsdauer. Inzwischen sind 2,2 Mio. Fleckviehtiere linear beschrieben. Nicht zuletzt der rege Austausch zwischen den Ländern, FleckScore und Single-Step haben dazu geführt, dass eine objektive Vergleichbarkeit über die Länder hinweg gegeben ist und sich die Geno- und Phänotypen zwischen den Ländern immer mehr angleichen. Die genetischen Trends für Fundament und Euter steigen und die Bemuskelung ging nicht verloren. Auch die Nutzungsdauer steigt, teilweise bedingt durch verbessertes Management aber letztendlich auch durch das verbesserte Exterieur.

Prof. Dr. Hubert Spiekers vom LfL-Institut für Tierernährung vermittelte den vor Ort versammelten und online bis aus USA zugeschalteten Fleckvieh-Experten aus einer Vielzahl von

VersucheneinzusammenfassendesFazit zur Rindfleischerzeugung mit Fleckvieh, sowohl mit Kälbern aus der Milchviehhaltung als auch mit Absetzern aus der Mutterkuhhaltung gilt: Fleckvieh ermöglicht eine sehr effiziente Rindfleischerzeugung mit hohen täglichen Zunahmen selbst bis zu einem vergleichbar hohen Lebendgewicht bei der Schlachtung von 780 kg. Kreuzungen aus Milchrassen mal Fleischerassen (z.B. Braunvieh x Weiß-Blauer Belgier) erzielen zwar ähnliche Ausschachtungsergebnisse, kommen aber nicht an die täglichen Zunahmen heran.

Prof. Dr. Wilhelm Windisch, ehemaliger Inhaber des Lehrstuhls für Tierernährung der TUM, beleuchtete in bekannt faszinierender Weise Sachverhalte zu den Themen Nahrungskonkurrenz und Klimaschutz im Zusammenhang mit der tierischen Erzeugung. Die Frage „Können wir ohne Nutztiere zurecht?“ beantwortete er mit einem klaren Nein: „Wir können auf Nutztiere nicht verzichten. Sie sind ein wichtiger Teil der landwirtschaftlichen Kreislaufwirtschaft. Die Ernährung der Menschheit mit minimalen Auswirkungen auf Umwelt und Klima erfordert ein lokales Gleichgewicht zwischen Pflanzenbau und Tierhaltung“. Nur mit der Verwertung der nichtessbaren Biomasse über die Tierhaltung können letztendlich 50 Prozent mehr Nahrung von einer Fläche geholt werden, auch ohne dass eine Nahrungskonkurrenz entsteht. Es gilt die Effizienz

der Verwertung der nichtessbaren Biomasse durch Nutztiere zu verbessern.



Wechsel an der Spitze: Bernd Luntz übergibt die Leitung der EVF-Arbeitsgruppe Exterieur an Reinhard Pflieger
Change: Bernd Luntz hands over leadership of the ESF Working Group Conformation to Reinhard Pflieger.

FleckScore competition „German Open“



As part of the 8th German Fleckvieh Show, the FleckScore competition, the “German Open”, was one of the highlights in Miesbach. Most of the 55 participants came from Germany, mostly from Bavaria. 15 people were registered from Austria, and there were also participants from Italy, South Tyrol, Colombia, Honduras, the Czech Republic, Slovenia, Hungary and the Netherlands. It started on Saturday afternoon, as the competition was divided into two parts. During the preliminary decision, five cows that had been graded in advance by professional FleckScore classifiers also had to be evaluated according to FleckScore. A total of 22 traits are recorded per cow, although the measurements of the frame were not evaluated during the competition. The colour description,

udder cleanness and milking behaviour did not have to be recorded either. The three participants with the smallest deviation from the average evaluation of the professional classifiers qualified for the final in the evening.

Then they had to evaluate a cow again. The three finalists once again fought an exciting head-to-head race. It was only towards the end of the judging that Matthias Ratzberger from Lower Austria emerged as the winner and was allowed to accept the cash prize of € 500. Thomas Ploner from South Tyrol followed closely behind in second place and was happy with € 300. Louisa Riedl from Himmelkron in Upper Franconia came third and received a check for € 200.

FleckScore-Wettbewerb „German Open“

Im Rahmen der 8. Deutschen Fleckviehschau war der FleckScore-Wettbewerb, die „German Open“ einer der Höhepunkte in Miesbach. Die meisten der 55 Teilnehmer kamen aus Deutschland und da überwiegend aus Bayern. Aus Österreich waren 15 Personen gemeldet, darüber hinaus waren Teilnehmer aus Italien, bzw. Südtirol, Kolumbien, Honduras, Tschechien, Slowenien, Ungarn und den Niederlanden gemeldet. Los ging es bereits am Samstagnachmittag, denn der Wettbewerb war in zwei Teile gegliedert. Beim Vorentscheid mussten fünf Kühe, die im Vorfeld von professionellen FleckScore-Bewertern benotet wurden, ebenfalls nach FleckScore bewertet werden. Insgesamt werden 22 Merkmale pro Kuh erfasst, wobei im Wettbewerb auf die Auswertung der Maße für den Rahmen verzichtet wurde. Auch

die Farbbeschreibung, die Euterreinheit und das Melkverhalten mussten nicht erfasst werden. Die drei Teilnehmer mit der geringsten Abweichung zur durchschnittlichen Bewertung der Profis qualifizierten sich für das Finale am Abend.

Da galt es dann nochmals, eine Kuh zu bewerten. Die drei Finalisten lieferten sich nochmals ein spannendes Kopf-an-Kopf-Rennen. Erst gegen Ende der Beurteilung kristallisierte sich schließlich Matthias Ratzberger aus Niederösterreich als Sieger heraus und durfte den Geldpreis von 500 Euro entgegennehmen. Knapp dahinter folgten Thomas Ploner aus Südtirol auf Platz 2 und durfte sich über 300 Euro freuen. Dritte wurde Louisa Riedl aus Himmelkron in Oberfranken und durfte einen

MEAT FORUM IN COLOMBIA



In Magdalena Medio, an area with a livestock tradition in central Colombia, during the month of May it became a tradition to bring together the best livestock farms in the region, specialized in the production of 1/2 blood animals between the Simmental and Cebu breeds, and those of breeding of the simbrah breed, under the framework of the MEAT FORUM. An event that has broken paradigms in the commercialization of livestock in which it also has a very important academic component which each year addresses current topics for the sector and the most expert experts in the meat sector are invited as speakers.

During its previous versions it has been seen how the breed has energized the market and the productivity of livestock companies in the region, showing the benefits of crossing the Simmental breed with the Brahmin breed, females with greater dairy aptitude, a lot of meat potential and a phenotype that enchants.

Although it is an auction that is held weekly for commercial cattle, in the months of May, more than 700 specimens including heifers, rearing males and fattening animals have been sold in this specialized auction, among which it is worth highlighting the price obtained in each category, being 25% higher on average than commercial cattle lots, females with prices per kilo above US\$4.20 and raised and fattened males around US\$2.60 per kilogram.

Embryos, bulls and a large number of females widely desired for their great maternal ability are also auctioned for embryo recipient programs.

The Simbrah breed and the 1/2 blood of Simmental x Cebu have become a great tool for the production of meat and milk in the lower tropics, especially in the subregion of the middle Magdalena where its productivity has been demonstrated. Technically, the males are specimens that have high weight gains, good finish and carcass performance, and the females, for their part, are docile, with good fertility, good milk production but also a lot of hardiness.

Also worth noting is the meat forum in which each year it addresses current issues for the union and cutting-edge technologies that have provided tools to farmers to continually improve.

This year it will focus on SUCCESSFUL LIVESTOCK RANCHES where breeders from all over the region will show their livestock projects and how the SIMMENTAL AND SIMBRAH breed has played a very important role in that great advance.

Livestock friends, we are waiting for you next May 25 in the capital of quality livestock, Puerto Berrío, don't forget with simmental and simbrah YOUR PROFITABILITY GROWS!

*Daniel Espinosa, Asosimmental - Simbrah de Colombia
president of the National Union of Livestock associations, UNAGA*

VI
Foro Cárnico

ENCUENTRO DE CRIADORES DE
Simmental y sus cruces

SÁBADO 25 DE MAYO

LUGAR:
COLISEO DE FERIAS DE PUERTO BERRÍO

• CONFERENCIAS
• SUBASTA ESPECIAL

SUGABERRÍO

ASOCIACIÓN
SIMMENTAL - SIMBRAH
COLOMBIA

ACB
Asociación Colombiana de Criadores de Simmental y Simbrah

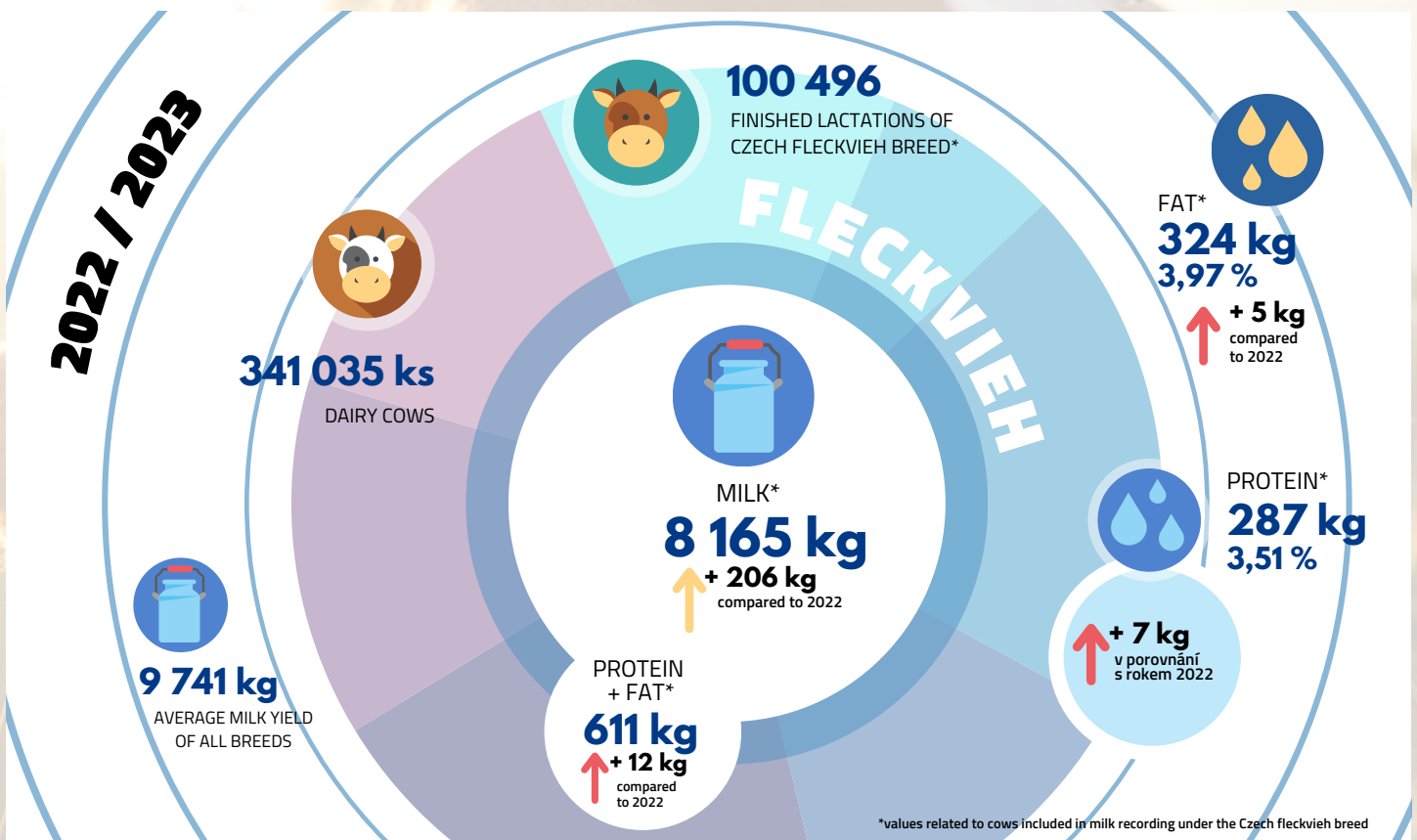
Milk production of Czech fleckvieh cows exceeded the 8 200 kg mark



Blanka Dřížhalová, ČMSCH, a.s.
Czech Fleckvieh Breeders Association

In the last control year, the milk production of Czech Fleckvieh cattle registered in the Herd book increased by a record 203 kg and exceeded by far 8 000 kg milk level. The production was therefore 8 210 kg of milk with a content of 3,97 % fat and 3,51 % protein. The length of the calving interval has decreased to an average of 387 days. The distribution of cows by lactation shows a very positive trend towards an increase in the number of cows in the highest

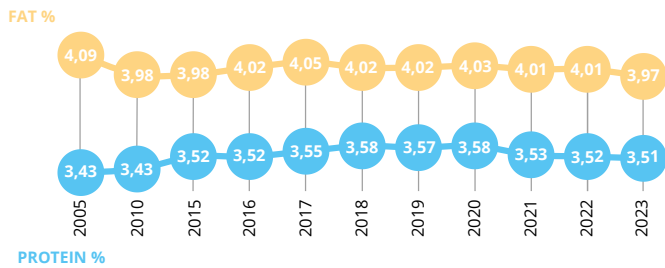
productivity category. The proportion of cows with a average milk yield of 6 000 - 8 000 kg of milk was 35,8 % in the breeding year, while the proportion of cows with a milk yield of 9 000 - 12 000 kg was 52,2 %. The mothers of bulls that were registered in the herd book in the testing category had an average milk yield of 9 626 kg, 4.04 % fat (389 kg) and 3.61 % protein (347 kg). The cow with the highest milk yield was 15 407 kg of milk with a milk component content of 4.28 fat and 3.57 protein on her 3rd lactation. A lifetime milk yield of over 110,000 kg, as important indicator of productive longevity, was reached by a record 23 cows.



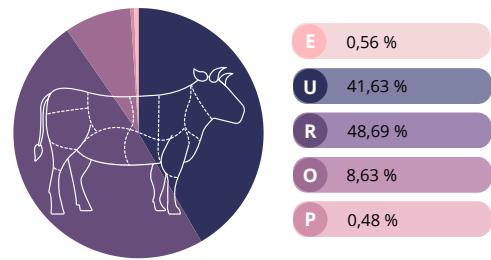
BREEDING BULLS WITH THE HIGHEST NUMBER OF INSEMINATIONS (1.1.2023 - 30.9.2023)

Rank	Name	Birth	Category	1st ins.	All ins.	GZW	MW	FW	Country
1	DER BESTE	2016	Proven	4 613	8 352	122	121	101	AT
2	PASCAL	2016	Proven	4 055	8 179	133	129	115	CZ
3	TIGER	2019	Genomic	2 869	5 454	123	122	108	CZ
4	HERZTAKT	2016	Proven	2 689	4 830	133	123	107	AT
5	MASKOT	2021	Genomic	2 553	4 521	135	124	113	CZ
6	DELUXE	2020	Genomic	2 371	4 449	137	128	113	AT
7	WULAN	2020	Genomic	2 151	3 958	133	121	108	DE
8	HEMI	2021	Genomic	2 150	3 739	133	128	107	CZ
9	HOKUSPOKUS	2016	Proven	2 113	3 601	134	120	108	DE
10	GS HOERI	2019	Genomic	1 718	3 320	134	127	102	AT

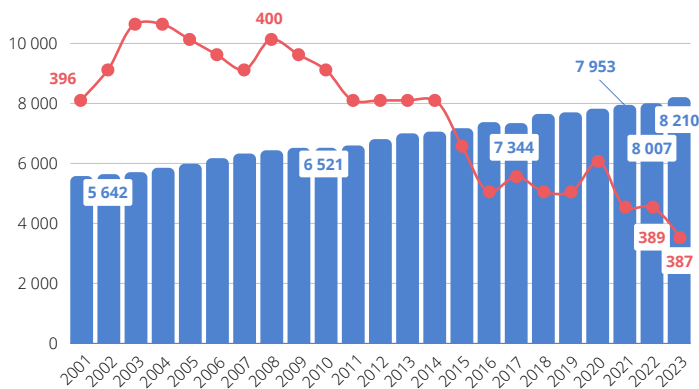
FAT AND PROTEIN PRODUCTION DEVELOPMENT



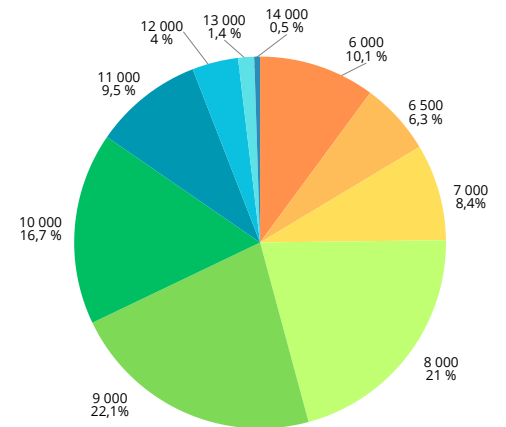
EUROP CLASSIFICATION - CLASSIFICATION OF FLECKVIEH BULLS IN 2023



CALVING INTERVAL AND MILK PRODUCTION DEVELOPMENT OF RECORDED FLECKVIEH COWS



COMPOSITION OF CZECH FLECKVIEH COWS BY MILK YIELD (KG MILK)



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

Year of birth	♂ Bulls					♀ Cows				
	No.	GZW	MW	FW	FIT	No.	GZW	MW	FW	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	438	125,71	119,79	105,54	111,20	6 232	117,12	113,60	102,71	107,69
Total	3 544	117,58	114,49	103,51	106,20	38 475	111,64	109,59	101,42	104,97

PROJECT CATTLE GENOM STATISTICS FOR THE 3RD YEAR OF THE PROJECT

3.
YEAR



29 767 cows
WITH THE GENOTYPE WITHIN THE
CATTLE GENOME PROJECT



41 008
CZECH FLECKVIEH
WITH OWN GENOTYPE



53 breeders
INVOLVED IN THE CATTLE
GENOME PROJECT AT THE
3RD YEAR OF THE PROJECT



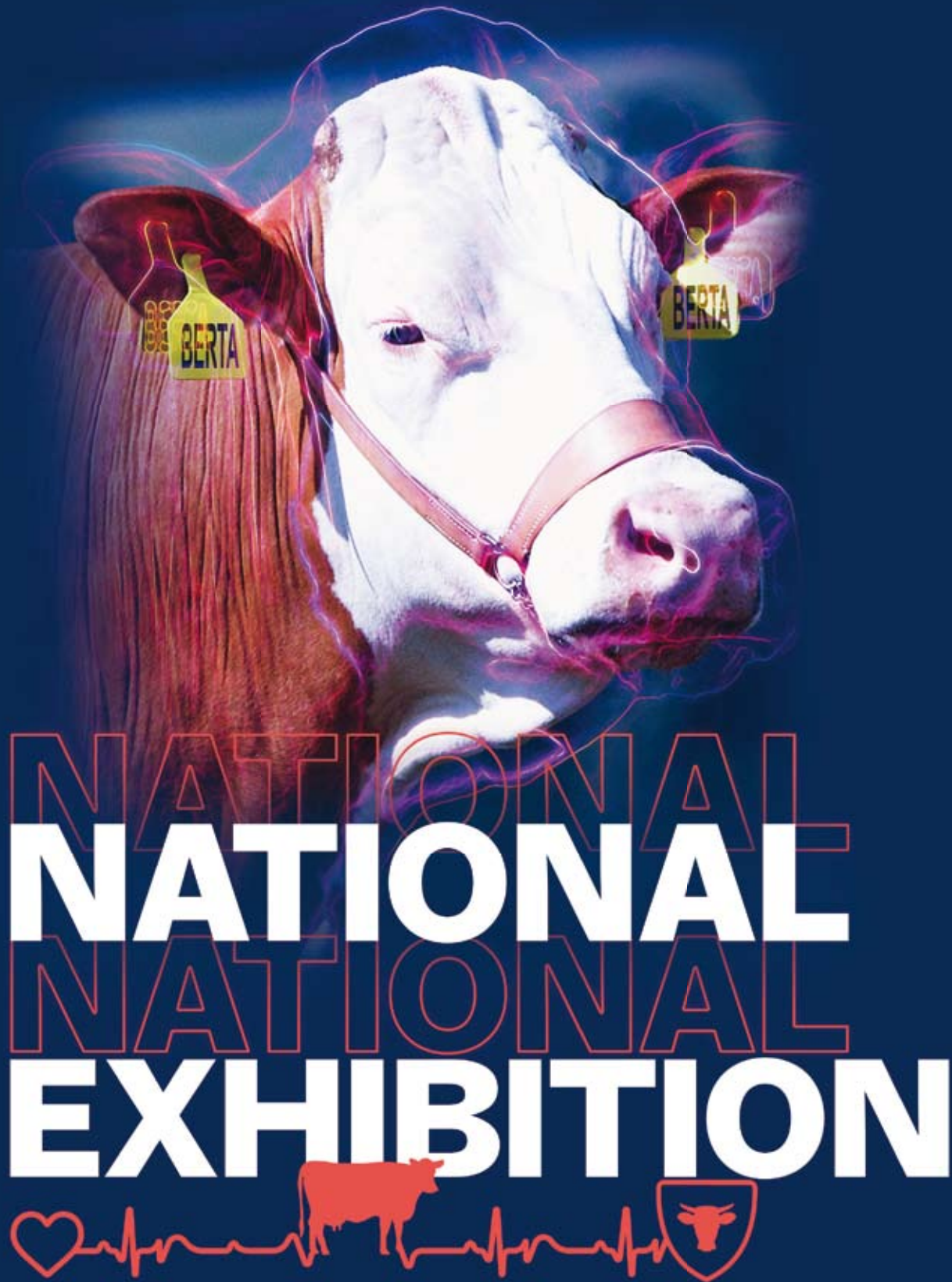
5 287 bulls
WITH GENOTYPE



35 721 cows
WITH GENOTYPE



**CATTLE
GENOM**



NATIONAL NATIONAL EXHIBITION

**XVI. NATIONAL EXHIBITION – DAY OF THE CZECH FLECKVIEH
19. 9. 2024 – RADEŠÍNSKÁ SVRATKA**

UNDER THE AUSPICES OF THE MINISTER
OF AGRICULTURE MAREK VÝBORNÝ
AND THE VYSOČINA REGION

PROAGRO
RADEŠÍNSKÁ SVRATKA, a.s.

CESTR
svaz chovatelů
Českého strakatého skotu

MINISTERSTVO ZEMĚDĚLSTVÍ

Kraj Vysočina

MAIN PARTNERS:

CRV

ČMSCH
ČESKÁ MASOŠEŤOVNÁ
PRŮMYŠLOVÁ
GRUPA

FIDES AGRO

**GENERALI
ČESKÁ POJIŠŤOVNA**

impuls

Sano

LP

PARTNERS:

BOHEMIA BREEDING
KOPPEL + KOPPEL, a.s.

Boviline

**MASO ŠEŤOVNY
POLIČKA**

PLEMO

SCHAUMANN
OSPECH VĚ STÁI

**SOCHOR
TRADE**
SPRÁVČINĚ VĚSTĚK A ŽELEZNY

ADW

farmtec

PAMA
PŘÍRODNÍ / PŘÍRODNĚ / PŘÍRODA

MEDIA PARTNERS:

Farmář

chov

Krmivářství

**MECHANIZACE
ZEMĚDĚLSTVÍ**

Zemědělec

**Zemědělský
TYDĚŇÍK**



NATIONAL- NATIONAL- AUSSTELLUNG



XVI. NATIONAL-AUSSTELLUNG TAG DES TSCHJECHISCHEN FLECKVIEHS
19. 9. 2024 – RADEŠÍNSKÁ SVRATKA

UNTER DER SCHIRMHERRSCHAFT
DES LANDWIRTSCHAFTSMINISTERS
MAREK VÝBORNÝ UND DER REGION
VYSOČINA

PROAGRO
RADEŠÍNSKÁ SVRATKA, s.r.o.

CESTR
Vlastní chovatelé
Českého strakatého skotu


MINISTERSTVO ZEMĚDĚLSTVÍ


Kraj Vysočina

HAUPT-
PARTNER

 **CRV**

 **MSCH**
Masořivní společnost
Česká republika

 **FIDES AGRO**

 **GENERALI**
ČESKÁ POJIŠTOVNA

 **impuls**

 **Sano**



PARTNER:

 **BOHEMIA BREEDING**
Kaučovník - import s.r.o.

 **Boviline**

 **MASOŘIVNÍ
POLIČKA**



 **PLEMA**

 **SCHAUMANN**
OSVĚČENÉ VĚŠTĚ

 **SOCHOR
TRADE**
SPRÁVČÍKOVÉ ŘEŠENÍ A OPEVNĚNÍ

 **ADW**

 **farmtec**

 **PAMA**
Přírodní - mechanizace - aplikace

MEDIEN
PARTNER:

 **Farmář**

 **NAS
chov**

 **Krmivářství**

 **MECHANIZACE
ZEMĚDĚLSTVÍ**

 **Zemědělec**

 **Zemědělský
TÝDENÍK**