2021 | 2022

FLECKVIEH WORLD

The magazine for Fleckvieh breeding

Fleckvieh in Peru

Page 6

BAYERN GENETIK

Perfect Match.

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INDEX

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Congratulations CHD IMPULS! On the occasion of the 20th anniversary of CHD Impuls a delegation of Bayern-Genetik visited our partner station in the Czech Republic. Insight into excellent farms and a great bull parade made the celebrations complete.

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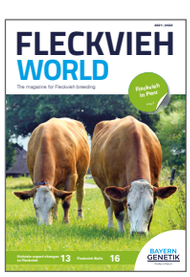
The Fleckvieh-World is real!
The cattle photos published in the Fleckvieh-World are not retouched. Cattle that are photographed are only allowed to be shared, washed and treated with oil, powder and gloss spray.



Robust Fleckvieh cows on pasture. These two cows from Holland make a very good impression.
Foto: Menop

BAYERN GENETIK
Perfect Match.

Dear Fleckvieh breeders, Dear customers and friends of Bayern-Genetik

The year 2021 is passing quickly. Health is the most valuable good in these days. Not long ago the awareness about this was smaller than now. I hope, you are healthy!

Health and Fitness values get more and more important in the breeding value estimation, too. In April 2021 the system changed from a two-step system to a single-step system. The breeding values of the bulls in this magazine are all determined according to the modified procedure. In August 2021 the development continued, and the new trait „milking behavior" was implemented. The next step will be the introduction of claw traits. In this way the breeding value assessment takes another step in the right direction - it addresses the needs of the farmer out in the field! Have a look at our bulls also regarding the new traits, which have been estimated for the first time!

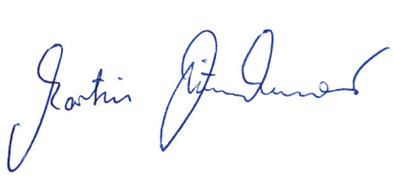
Some things are changing, some new values are added. This is a very normal thing. Especially in the nature and in agriculture.

But other things remain: The core competence of Bayern-Genetik. We stand for dual-purpose breeding of Fleckvieh with high reliabilities to ensure the success of your breeding and the success of your farm.

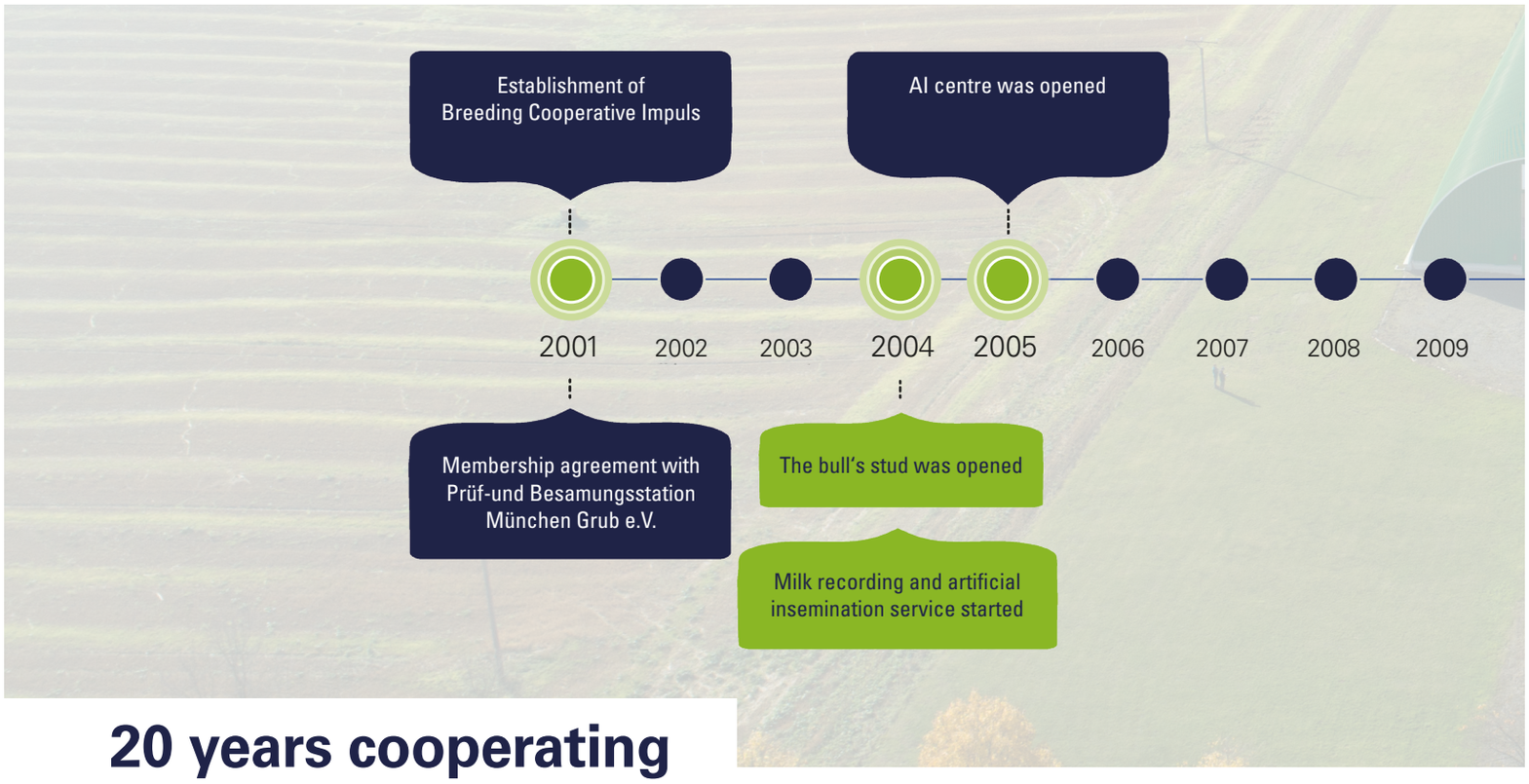
To achieve this, it is important to have strong worldwide partnerships. You can see some examples for this in the following reports of farms from California, Slovakia, Peru and the Netherlands. We have a strong partnership with IMPULS for 20 years now – have a look at the timeline of this story of success in this magazine!

Please visit us on Facebook „Bayern-Genetik Deutschland" or on our homepage to get information or sign up for our newsletter.

Yours sincerely,



MARTIN ZIRNBAUER-HEYMANN



20 years cooperating

CHD IMPULS and Bayern-Genetik GmbH

It has been twenty years since six Czech farmers established a Breeding Cooperative to start their own Fleckvieh breeding program. From a „fanclub" Impuls became the biggest Fleckvieh organisation in Czech. Since 2015 Impuls registers the most domestic Fleckvieh bulls for artificial insemination out of all Czech breeding companies every year. The share of Impuls bulls reached 40 % in 2020 in Czech.

Back to dual purpose

Fleckvieh breeding in Czech was influenced by breeds like Ayrshire, Red Holstein and Montbeliarde. Red Holstein and Ayrshire are not used anymore.

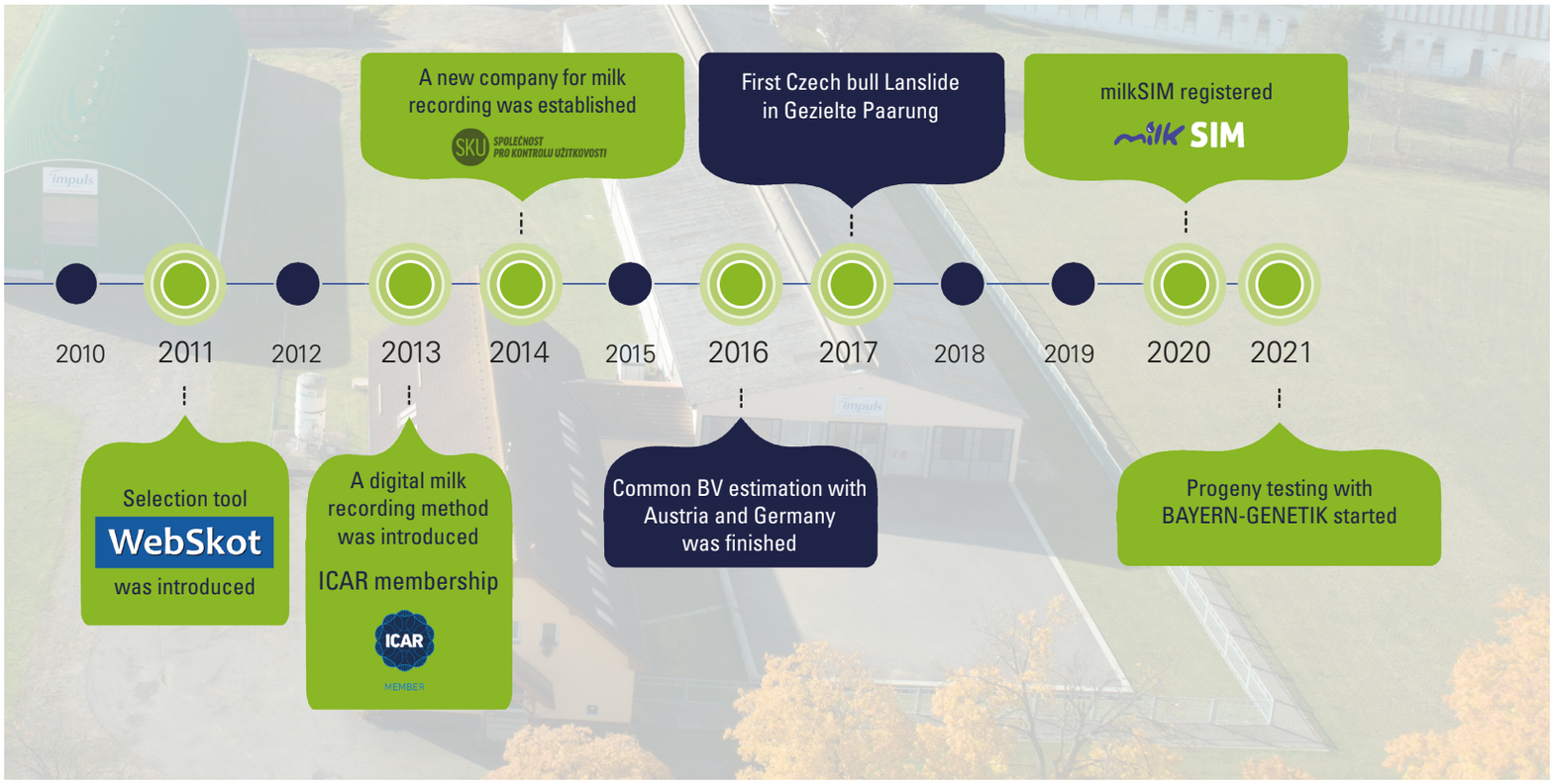
Montbeliarde is still used today. As we could see during our first visits on Bavarian farms, Czech Fleckvieh was far away from the dual purpose in 2001 and the milk production was not higher than in Bavaria. The decision to cut Montbeliarde out of our breeding program came quite soon. However, it took more than fifteen years to be able to provide bulls with three generations of pure Fleckvieh. Dual purpose came quickly and Bayern-Genetik´s progeny stood out for the first time at every show in Czech.

Our vision

The vision of Breeding Cooperative Impuls was influenced by Dr. Thomas Grupp and his idea to breed cows towards harmony and balance in the cow. Despite the pressure to maximize the milk production in the dairy industry and most of the breeding companies, we have kept our vision for 20 years.
The European Green Deal goal to reduce the environmental and climate footprint of the EU food system shows the best how perfect the vision is.

Succesful partnership

Bayern-Genetik and Breeding Cooperative Impuls have been promo-



ting Fleckvieh and dual purpose for a long time. I personally remember those days, when Holstein farmers and breeding associations laughed at Fleckvieh farmers on the shows.

I remember beef breeding associations saying about Fleckvieh: „neither milk nor meat". But the partnership between Breeding Cooperative Impuls and Bayern-Genetik is as strategic and successful as the partnership of Skoda and Volkswagen.

Testing the bulls in quite different conditions in Bavaria and Czech makes our genetics universal and reliable. Together we further developed the breed to be ready to use in any size of farm in any farming system of the world.

Our goal is breeding towards harmony to provide cows profitable for the farmers and acceptable for the consumers all over the world. With the milkSIM system in Czech and MYTYP from Bayern-Genetik we have powerful tools that are applicable on every farm to get the „Perfect Match".

MICHAL BASOVNIK

BAK, born 2002, is one of the first IMPULS bulls that came from the Czech bloodline. Photo: CHD IMPULS

CENERE (F: Hippo), born 2003, is one of the first IMPULS bulls that came from the Bavarian bloodline. Photo: CHD IMPULS

BAYERN GENETIK
Perfect Match.

Fleckvieh-Simmental, in constant growth in Peru

The Fleckvieh-Simmental breed's presence in Peru has suffered some ups and downs since its introduction to the country in 1970; however, remarkable growth has been noted in the last five years.

Gaining a position in a highly competitive market is not easy, especially in livestock farming where production times are long-term. This factor causes those producers to not change or adopt new production systems, breeds, work methodologies, or technologies so easily. However, since the restart of bovine semen imports from Germany to Peru in 2016, Peruvian cattle breeding is experiencing a steady growth in its Fleckvieh breed herd.

Diversity and adaptation

Peru is almost four times the size of Germany and has three well-defined regions: Coast, Andes, and Rainforest. Each region is very different in terms of climate and vegetation compared to the other, therefore, different types of livestock predominate in each region, be it beef cattle in the rainforest, dairy cattle on the coast, and high-altitude cattle in the Andes. If there is one thing the Fleckvieh-Simmental breed has, it is the ability to adapt to different systems and dual-purpose breed characteristics, factors that favor it over other breeds to make a difference.

Work and reward

There is no reward without sacrifice, and this is very clear to our partner and agent of Bayern-Genetik GmbH in Peru, Mr. Mario Luis Vizcarra Rodriguez, who with conviction and determination transmits the benefits and advantages of the Fleckvieh-Simmental breed to cattle breeders.

The acceptance of the breed forces our partner and representative to travel more than 2,000 km by car to satisfy the demand. Starting from Arequipa, 5 hours from the Chilean border, and reaching Piura, 100 km from the Ecuadorian border, proves that Bayern-Genetik is present and expanding in the South American country.

In Peru we make the difference not only with good sales but also with prizes and distinctions to daughters of our bulls in Regional Fairs, rewarding a whole chain of work of the Bayern-Genetik GmbH family, indirectly connecting the bull keeper in our stables in Germany, with the Peruvian breeders who proudly present the result of so much effort and sacrifice.

Many thanks to Mr. Vizcarra and the whole team of Bayern-Genetik Peru for the joint work full of conviction and motivation!

Paki, Champion Reserve Female. Walbrand´s dauther. Photo: VIZCARRA

Paki, Champion Reserve Female. Chachapoyas 2019. Photo: VIZCARRA

Fleckvieh-Simmental, en constante crecimiento en Perú

La presencia de la raza Fleckvieh-Simmental en el Perú ha sufrido varios altibajos desde su inserción al país en 1970, sin embargo, se ha notado un notable crecimiento en los últimos 5 años.

Ganarse su espacio en un mercado altamente competitivo no es nada fácil, menos en la ganadería en el que los tiempos de producción son a largo plazo. Éste factor produce que los productores no cambien o adopten tan fácilmente otros sistemas de producción, razas, metodologías de trabajo o tecnologías. Sin embargo, desde que en el 2016 se reanudaran las importaciones de semen bovino de Alemania al Perú, la ganadería peruana está viviendo un crecimiento constante en su hato de la raza Fleckvieh.

Diversidad y adaptación

Perú tiene una extensión casi 4 veces mayor que la de Alemania y tres regiones bien definidas; Costa, Sierra y Selva. Cada región es muy distinta en cuanto a clima y vegetación con respecto a la otra, por lo tanto, predominan tipos de ganadería diferentes por región, ya sea ganado de carne en la Selva, ganado lechero en la Costa y ganado en la altura de la sierra. Y si algo tiene la raza Fleckvieh-Simmental, es la capacidad de adaptarse a diferentes sistemas y características de raza doble propósito, factores que la favorecen por sobre otras razas para marcar la diferencia.

Trabajo y recompensa

No hay recompensa sin sacrificio, y eso lo tiene muy en claro nuestro socio y representante de Bayern-Genetik GmbH en el Perú, el Sr. Mario Luis Vizcarra Rodríguez, que con convicción y determinación logra transmitir los beneficios y ventajas de la raza Fleckvieh-Simmental a los ganaderos.

La aceptación de la raza obliga a nuestro socio y representante a recorrer más de 2.000 km en coche para satisfacer la demanda. Partiendo desde Arequipa, a 5 horas de la frontera con Chile, y llegando hasta Piura, distante a 100 km de la frontera con Ecuador, nos demuestra de que Bayern-Genetik está presente y en expansión en el país sudamericano.

En Perú marcamos la diferencia no sólo con buenas ventas, sino también con premiaciones y distinciones a hijas de nuestros toros en Ferias Regionales, recompensa a toda una cadena de trabajo de la familia de Bayern-Genetik GmbH, conectando indirectamente al cuidador de toros en nuestros establos en Alemania, con los ganaderos peruanos que orgullosamente presentan el resultado de tanto esfuerzo y sacrificio.

¡Muchas gracias al Sr. Vizcarra y a todo el equipo de Bayern-Genetik Perú por el trabajo en conjunto lleno de convicción y motivación!

ANDREAS STRÜBING

Shantal, Champion Junior Female, Socota 2019. Piacenza´s daughter. Photo: VIZCARRA

The Alexandre family with their cows on pasture. Photo: Madyline Brought

Alexandre Family Farm

A regenrative-ag organic dairy in California

At the northern tip of California near the Pacific Ocean is the main headquarters of the Alexandre Family Farm. I have worked with this family for a better part of ten years now and have seen the operation grow and change. It started with a dairy meeting in Ferndale, where I first met Blake and Stephanie. They were intrigued by the Fleckvieh breed specifically for its ability to convert forage to milk and the durability of the animals. The farm is certified organic and their products to market are dairy, beef and poultry.

Their children started a venture on pasture-based egg production. This has now grown into a retail offering of the eggs to customers in California and nationwide. When we started working with the Alexandres on the introduction of Fleckvieh their interest in producing healthy A2A2 milk products for consumers was their future dream and goal. They have taken this very seriously and by both testing for A2A2 on dairy cows and using A2A2 sires. They have subsequently built a sizeable herd to supply the public with unique products.

Organic farming starts with healthy soil – a so called 'from the ground up' approach. Soil health is maintained and created at Alexandre Farm with grazing, forage, species diversity and regenerative farming practices. Pastured poultry flocks are within pastured dairy cattle grassland. Grazing rotations with different stocking densities and durations are also a key component.

Maintaining acceptable levels of milk production using a grass only diet requires unique genetic decisions and land management. The dairy has found the most substantial success with Fleckvieh specific to

Fleckvieh cross from a ZASPORT son. Photo: Madyline Brought

Crossbred cow from canadian Fleckvieh sire. Photo: Madyline Brought

this type of management for one of the herds. All the stock start their life at the Crescent City dairy and over the course of their life they are moved to some of the dairy sites depending on genetic make up and suitability. Alexandres use a lot of New Zealand Jersey and Holstein genetics and Bavarian Fleckvieh.
Their goal is to create a balanced all-round cow. Cows are coded as sharp (code 1), middle of road (code 2) or round (code 3). Sires are matched simply by using the code assigned at the time of breeding and it relies on the eye of the breeders. A sharp (code 1) cow gets bred to a round (code 3) bull, round cows (3) go to a sharp (1) bull and the allrounds (2) stay with all-round sire (2). In essence using the concept provided by Bayern-Genetik to create a TYP cow. Bulls from Bavarian Fleckvieh are primarily used to provide all-round and round qualities and bulls from Jersey, Ayrshire or Holstein for sharp qualities. Crosses from Ayrshire with Fleckvieh have made some tremendous cows. Due to environment, smaller framed cows appear to work most efficient at this dairy. Alexandre Dairy relies on my observations on what sires from Fleckvieh do on other herds we have and each year we look through all the animals to determine sire suitability. We also utilize aAa coding in giving bulls preferences. Over time the herd has seen improvement in cows longevity and durability. The cows carry better body condition in a high forage diet and conception rates improved while maintaining acceptable milk production. Calf growth rates and feed efficiency are also rising and market animals tend to generate more revenue.

So, what's the real highlight? It must be the milk and the yoghurt in my mind. The most unique is the 100 % grass-based products. They are my favorite.
Alexandre Family Farm www.alexandrefamilyfarm.com is truly unique – they dare to be different, and it is a result of years and years of hard work. I am honored to be a part of what they do.

JOHN POPP

ILLUMINA daughter. Photo: Madyline Brought

ROTHENFELS daughter. Photo: Madyline Brought

Feeding area of production barn, dry cows on nearby pastures in the backround. Photo: Varchola

I. Družstevná Dačov Lom

Continuous work in Fleckvieh breeding brings excellent results

Dačov Lom is a village in Slovakia in the district of Veľký Krtíš located in the central part of Krupinská planina. 419 inhabitants live here and the village was established in 1943 by merging the Upper and Lower Dačov Lom. The first written mention is from 1333.
The inhabitants have been raising cattle here since time immemorial, there were small farmsteads with a few cows. After the second world war, an agricultural cooperative was founded in 1952, which merged small farms into one large unit.

The cooperative is running production on an area of 1.745 ha agricultural land, of which 810 ha is arable land. The main subject of activity is plant and animal production with a strong focus on cattle breeding. Majority of income is dominated by animal production, which is representing almost 80% of sales.
There are 295 Fleckvieh cows located on the Sucháň farm, additionaly they decided to establish a suckling herd with a number of 60 cows in the area of Dačov Lom village.
There are 12 employees working in animal production.
On arable land they grow wheat (200 ha), barley (70 ha), rye (82 ha), rapeseed (85 ha) and the new commodity is pumpkin (15 ha). For the needs of animal production, they sow 100 ha of alfalfa, 100 ha of clover and 150 ha of maize for silage.

The annual milk production is about 2.300 liters of milk, everything is supplied in quality Q. The number of microorganisms does not exceed 10.000 and the number of somatic cells has long been in the range of 180.000-250.000.

SK000812268559 SAMLAND daughter, highest lactation 4th:
with 10.904 kg milk, 4,04 % fat, 3,71 % protein. Photo: Varchola

SK000812455049, out of OETZI, highest lactation 3rd:
11.396 kg milk, 3,78 % fat, 3,45 % protein. Photo: Varchola

Whole year feeding ratio for cows in production

Alfalfa silage	11 kg
Straw	2 kg
Maize silage	25 kg
Hay	1 kg
CCM	6 kg
Concentrates	6,5 kg

Dairy cows are housed in boxes on straw bedding, cows in the calving area have deep bedding available. During the summer season, all dry cows are on nearby pastures.

Thanks to systematic selection and breeding work, the herd has dramatically increased milk production. Back in 1999 they were producing 5.200 kg of milk, by June 2021 they had produced 8.818 kg of milk with 3.86 % fat and 3.46 % protein, with an intercalving period of 396 days.

In 1997, the herd was classified as „breeding herd", which allows them to produce bulls for natural mating or insemination. Currently they have 11 bull dams. The turnover of the herd is closed.
The heifers are bred with the goal to achieve 1st calving at an age of 24-26 months, at that time they have arround 600 kg of weight.
Female calves receive natural milk after birth, they are weaned at the age of 10 weeks. Subsequently, they are housed in groups of 6-10 heads until the age of 16 weeks.
The bull calves are sold at the age of 3 weeks.

When choosing the bulls for mating, Mr. Berac, the herd manager, focuses mainly on the content of milk components, which he considers to be very important in the future. Proof of ingenious selection are TOP cows, which achieve high production and efficiency:
The cooperative is planning to maintain the number of cows at the current level of about 300. In order to arise milk production and welfare for cows, there is a plan to build a new barn for production cows. The biggest problem in the

SK000801441769, Sire: MANGFALL MAF-022
Highest lactation 6th: 10.442 kg milk, 4,08 % fat, 3,31 % protein.
Lifetime production: 6 lactations, 45.641 kg Milk. Photo: Varchola

Cows are housed in boxes with straw bedding. Photo: Varchola

Female calves are housed in groups until the age of 16 weeks. Photo: Varchola

future seems to be to ensure a quality workforce. Finding people capable to work with cattle today is a really difficult task.
Nevertheless, the managers of I. Družstevná do not lose their optimism, the development of production so far suggests that the cooperative has created a good basis for successful and efficient cattle breeding.

ING. JOZEF MLYNARČÍK
farm manager, I.družstevná

ING. JÁN BERAC
herd manager, I.družstevná

VLADIMÍR VARCHOLA
Bayern-Genetik

Dry cows are during the summer season on nearby patures. Photo: Varchola

Fleckvieh for economy and relaxed farming

Former Holstein expert changes to Fleckvieh

The Aukes family emigrated from Holland to France in 1993. There they built up a perfect herd of dairy cows with some excellent Holsteins and even with bull mothers. Some years later they realized the highest milk production of France.

But in the years after that unique result Jacques Aukes discovered that his cows needed more and more care and costs were rising. The fertility decreased, the calving interval increased to 450 days and Jacques began to miss the production power. Completely on his own initiative Jacques began in April 2008 with Fleckvieh „Because the cows have to serve the farmer and not the other way around. And because I want to farm relaxed and economically. I saw that the whole industry around me was earning money except the farmer."

Jacques Aukes turned over from high productive Holsteins to Fleckvieh. "I saw that everybody earned money except the farmer". Photo: Aukes

Feeding efficiency

„Meanwhile we have worked 12 years now with Fleckvieh and I can confirm that we have made a good choice at that time. Of course, you also must take care of Fleckvieh, but they pay you back double: expensive milk and a lot of beef. The strongest point of Fleckvieh from my point of view is the feeding efficiency. Our cows produce 30 kg milk per day with feeding 19 kg of dry matter/cow/day. This costs us 8,50 Eurocent per liter. The cows produce in average 9.300 kg of milk with 4.50 % fat and 3.68 % protein. When we sell the Fleckvieh crossbreds to the butcher we receive between 1.000 € and 1.720 €. This is what I never achieved in my long career. My colleagues could not believe us until they saw our cows."

Pleasure with Fleckvieh is priceless

„We are very happy with our cows. Maybe it sounds poetic, but our Fleckies bring light into the days when it is dark. I have often heard people say, "If you do not work with Fleckvieh you are a thief of your own wallet". I can now admit that these people are right. And besides that, the pleasure to work with these cows is priceless".

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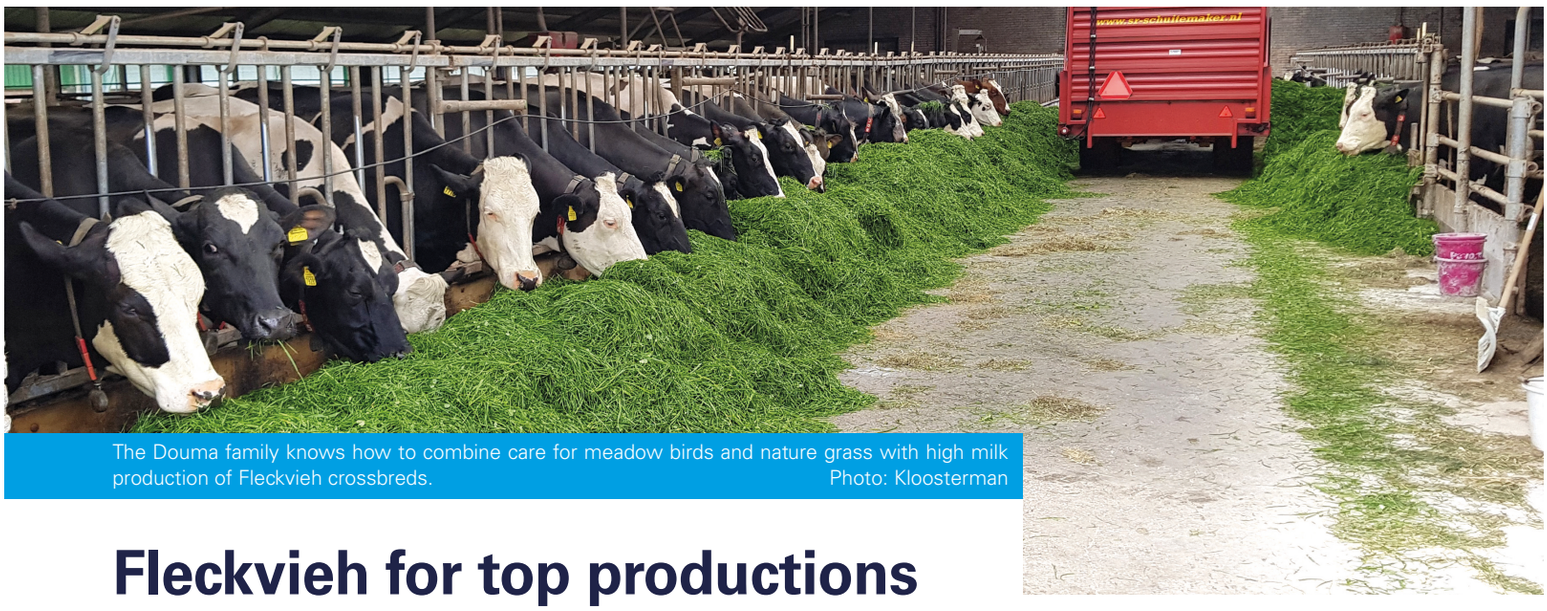

The Douma family knows how to combine care for meadow birds and nature grass with high milk production of Fleckvieh crossbreds. Photo: Kloosterman

Fleckvieh for top productions

Older cows and milk production up to 12.000 kg

Eight years ago, the Douma-Lijklema family made a change from Holstein to Fleckvieh. They are very satisfied with it. In addition to dairy production, they remain committed to meadow birds and nature conservation. The figures prove that this goes well together.

„Since we started crossbreeding with Fleckvieh, the milk production increased to over 12.000 kg milk/cow/year. The crossbreds have a 9 % higher lactation value than the pure Holsteins. Moreover, the crossbreds are getting older and their fertility is better. But we also enjoy pasture bird management. At the moment we have about 40 broods. The grass from the colorful borders and from the late mowing dates is excellent feed for the dry cows and the young cattle", says Fopke Douma.

Just an example, cow nr 294, a perfect Fleckvieh crossbred

The official name of Cow nr. 294 is Jonge Mina 770. She is a daughter of the Fleckvieh bull BFG Waldhoer. Cow nr 294 calved at the age of 2 and gives birth every year since then. Her intercalving period is 377 days and she is now in her 4th lactation producing 58 liters of milk/day with a somatic cell count of 20.

Fopke Douma describes the cow as follows: „Cow nr 294 is a well-developed cow that has no trouble with high production. She also has a good workable udder, dry legs and a sweet character. A fine Fleckvieh cross".

COWNR 294 during her 1st lactation producing 43 liters of milk/day. Foto: Kloosterman

Herewith the 305 days production of cow nr 294:

1st lact.:	11.219 kg milk with 4.15 % fat and 3.37 % protein. LW: 117
2nd lact.:	12.505 kg milk with 4.48 % fat and 3.63 % protein. LW: 116
3rd lact.:	13.969 kg milk with 4.33 % fat and 3.54 % protein. LW.: 114
4th lact.:	15.011kg milk with 4.30 % fat and 3.41% protein. LW.: 123 (projected to produce)

Fleckvieh for feeding efficiency

Poor soil is no problem for Fleckvieh

The farm of the Brouwer family is situated in 't Gooi in Holland and surrounded by beautiful country houses, lanes and canals and a lot of nature. A beautiful scenery, which every visitor can enjoy.

But farmer Alex Brouwer also knows the opposite. He knows that the grass that's growing on the poor sandy soil hardly gives his cows enough energy.

„This is not the ideal region for the specialised dairy cow when there is not enough maize in the ration.
I found out that Fleckvieh has a better feeding efficiency. And because we only feed grass we started with Fleckvieh. Our Fleckvieh cows stay in a good condition where other cows become skinny."

Alex Brouwer turns over to Fleckvieh because of their better feeding efficiency. Photo: Brouwer

New Member in Export-Team

In January this year, Andreas Strübing started working for Bayern-Genetik as Junior Export Manager. He joins the export department to support the team.
Andreas is 33 years old, married, and is expecting their first daughter at the end of September.
He is originally from Paraguay and is a descendant of German emigrants who settled in South America.
Andreas took his first steps in cattle breeding on the family farm, where they raise cattle on an extensive system. This background motivated him to study Animal Production in the Paraguayan capital, Asunción.
He arrived in Germany in the second semester of 2017 to study the International Master's Degree in Agrar Management at the Weihenstephan-Triesdorf University, which he successfully completed.
On a practical level, Andreas has worked in German companies established in Paraguay, overseeing the supply chain of the livestock farms.

Andreas Strübing.

He is fluent in Spanish, which represents a great advantage for improving trade with Latin American countries.

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TYP: S A R

MEERHOF Pp*

TYP Robust

HB-Nr. 173293 | DE 09 51465128 | *14.03.2016
Breeder: Wimmer, Triftern
aAa-Code 516342 | BC: **A2A2** | KC: AA

PEDIGREE **LINE:** Metz

MAHANGO Pp*		MUNGO Pp	MANITOBA
DE 09 48097266		Falter	ROUND UP
			Falter
Emila	85-81-86-88	**VANSTEIN**	RANDY
DE 09 46387007			
8/5,8	9.040 4,18 3,60	Eitel	**MALFIR**
HL: 2017	10.207 4,14 3,71	1/305 7.338 4,45 3,71	Elkona

MILK						**120** 95%
	Dtrs.	HD kg	Milk kg	Butterfat %	Butterfat kg	Protein %	Protein kg
			+832	+0,02	+36	-0,07	+23
100 days	67	8.208	2.632	4,24	112	3,22	85

BEEF					**117** 93%
Daily gain	**124** 94%	Dressing perc.	**112** 85%	Carcass grade	**109** 93%

FITNESS					**100** 87%
Productive life	**103** 76%	Persistency	**101** 93%	Fertility	**93** 76%
Udder health	**98** 90%	Cell count	**99** 89%	Milking speed	**102** 91%
Calving ease pat.	**104** 98%	Prod. increase	**100** 90%	Calf vitality	**112** 91%
Calving ease mat.	**104** 87%	Semen fertility	**+1%**	BIO	**119** 91%
Milking behaviour	**100** 72%				

TMI	MI	CG	FIT
125 87%	**120** 95%	**109** 93%	**100** 87%

TYPE TRAITS DAUGHTERS: 44		76 88 100 112 124 136	
Body	**108**		
Muscularity	**116**		
Feet & Legs	**102**		
Udder	**107**		
Cross Height	104	small	large
Body Length	114	short	long
Hip Width	110	narrow	wide
Body Depth	110	shallow	deep
Pelvic Angle	103	ascending	slope
Hock Angularity	110	straight	sickled
Hock Development	96	swollen	dry
Pastern	98	weak	strong
Hoof Height	111	low angles	steep angles
Fore Udder Length	105	short	long
Rear Udder Length	99	short	long
Att.of Fore Udder	107	loose	tight
Suspensory Ligament	89	weak	strong
Udder Height	107	deep	high
Teat Length	95	short	long
Teat Thickness	107	thin	thick
Teat placement (front)	93	wide	close
Teat placement (rear)	92	outwards	inwards
Teat direction (rear)	98	outwards	inwards
Udder Purity	104	add. teats	no add. teats

MEERHOF Pp* daughter | Photo: Menop

MEERHOF Pp* daughter | Photo: Menop

- **VITAL CALF**
- **BEEF VALUE**
- **ALLROUNDSIRE**

WENDLINGER

TYP Scharf

HB-Nr. 172997 | DE 09 47682611 | *05.08.2012
Breeder: Gassner, Holzheim a.Forst
aAa-Code 456312 | BC: A1A2 | KC: AA

Photo: Müller

S A R

TYP:

PEDIGREE **LINE:** Horex

WILLE	WINNIPEG	WESPE
DE 08 13516428	Liesel	HUMLANG
		Lemone
Chiara	**GEBALOT**	GEBAL
DE 09 40605632		
7/6,2 9.585 4,65 3,83	Cormeli	**POLDI**
HL: 2014 11.180 4,41 3,46	4/3,9 10.201 3,93 3,55	Conny

TMI	MI	CG	FIT
118 98%	**112** 99%	**91** 99%	**111** 98%

●**TOP MILK PRODUCTION** ●**PERSISTENCE**

MILK **112** 99%

	Dtrs.	HD kg	Milk kg	Butterfat %	Butterfat kg	Protein %	Protein kg
			+909	-0,18	+21	-0,19	+15
1. L	1.377	8.316	7.516	4,06	305	3,38	254

BEEF **92** 99%

Daily gain	**85** 99%	Dressing perc.	**102** 99%	Carcass grade	**91** 99%

FITNESS **111** 98%

Productive life	**109** 96%	Persistency	**115** 99%	Fertility	**105** 98%
Udder health	**107** 98%	Cell count	**108** 99%	Milking speed	**113** 99%
Calving ease pat.	**101** 99%	Prod. increase	**99** 99%	Calf vitality	**102** 99%
Calving ease mat.	**112** 99%	Semen fertility	**+1%**	BIO	**116** 99%
Milking behaviour	**99** 93%				

TYPE TRAITS DAUGHTERS: 692 (95%) 76 88 100 112 124 136

Body	**102**		
Muscularity	**72**		
Feet & Legs	**113**		
Udder	**100**		
Cross Height	106	small	large
Body Length	100	short	long
Hip Width	91	narrow	wide
Body Depth	92	shallow	deep
Pelvic Angle	120	ascending	slope
Hock Angularity	105	straight	sickled
Hock Development	112	swollen	dry
Pastern	108	weak	strong
Hoof Height	96	low angles	steep angles
Fore Udder Length	103	short	long
Rear Udder Length	103	short	long
Att.of Fore Udder	102	loose	tight
Suspensory Ligament	108	weak	strong
Udder Height	100	deep	high
Teat Length	99	short	long
Teat Thickness	108	thin	thick
Teat placement (front)	91	wide	close
Teat placement (rear)	88	outwards	inwards
Teat direction (rear)	87	outwards	inwards
Udder Purity	106	add. teats	no add. teats

INGMAR PP*

TYP Robust-Allround

HB-Nr. 167777 | DE 09 54486471 | *08.06.2019
Breeder: Köppel, Feilitzsch
aAa-Code 564132 | BC: **A2A2** | KC: AA

Photo: Müller

S A R

TYP:

PEDIGREE **LINE:** Redad

IROKESE P*S	IROLA PS	ROTAX
DE 09 47633254	Tabea	WYOMING
		Tanne
1005 88-84-80-84	**VOLLGAS P*S**	VALERO
DE 09 51271925		
2/305 8.266 5,08 3,60	902	**HUTERA**
HL: 1. 8.266 5,08 3,60	5/4 10.592 4,45 3,73	788

TMI	MI	CG	FIT
137 75%	**125** 85%	**115** 71%	**110** 80%

●**UDDER HEALTH** ●**SUITABLE FOR HEIFERS**

MILK **125** 85%

	Dtrs.	HD kg	Milk kg	Butterfat %	Butterfat kg	Protein %	Protein kg
			+331	+0,39	+45	+0,18	+26

BEEF **123** 73%

Daily gain	**118** 75%	Dressing perc.	**120** 71%	Carcass grade	**115** 71%

FITNESS **110** 80%

Productive life	**118** 70%	Persistency	**95** 77%	Fertility	**95** 69%
Udder health	**115** 81%	Cell count	**115** 77%	Milking speed	**102** 83%
Calving ease pat.	**113** 80%	Prod. increase	**110** 73%	Calf vitality	**104** 69%
Calving ease mat.	**108** 73%	Semen fertility		BIO	**132** 82%
Milking behaviour	**101** 59%				

TYPE TRAITS DAUGHTERS: 76 88 100 112 124 136

Body	**98**		
Muscularity	**98**		
Feet & Legs	**109**		
Udder	**106**		
Cross Height	98	small	large
Body Length	101	short	long
Hip Width	95	narrow	wide
Body Depth	101	shallow	deep
Pelvic Angle	106	ascending	slope
Hock Angularity	106	straight	sickled
Hock Development	116	swollen	dry
Pastern	103	weak	strong
Hoof Height	101	low angles	steep angles
Fore Udder Length	99	short	long
Rear Udder Length	92	short	long
Att.of Fore Udder	97	loose	tight
Suspensory Ligament	106	weak	strong
Udder Height	101	deep	high
Teat Length	88	short	long
Teat Thickness	86	thin	thick
Teat placement (front)	94	wide	close
Teat placement (rear)	106	outwards	inwards
Teat direction (rear)	106	outwards	inwards
Udder Purity	101	add. teats	no add. teats

BAYERN GENETIK
Perfect Match.

MOREMI PP*

TYP Robust-Allround

HB-Nr. 175933 | DE 09 50785125 | *05.08.2016
Breeder: Knon, Untergriesbach
BC: **A2A2** | KC: AA

Photo: Pfaller

S A R
TYP:

PEDIGREE **LINE:** Metz

MAHANGO Pp*		MUNGO Pp		MANITOBA
DE 09 48097266		Falter		ROUND UP
				Falter
Tamaris	84-84-85-83	**MARMOR PS**		MALHAXL
DE 09 48483520				
5/4	8.372 3,63 3,43	Tamara		**RUM**
HL: 2017	9.385 3,53 3,48	7/6,4	9.175 3,48 3,51	Tabea

TMI	MI	CG	FIT
114 94%	**98** 99%	**113** 99%	**113** 92%

●NATURALLY POLLED ●PERFECT DUAL PURPOSE

MILK **98** 99%

	Dtrs.	HD kg	Milk kg	Butterfat %	Butterfat kg	Protein %	Protein kg
			+488	-0,28	-2	-0,25	-3
100 days	380	8.193	2.592	3,95	102	3,17	82

BEEF **117** 99%

Daily gain	**102** 99%	Dressing perc.	**119** 97%	Carcass grade	**113** 99%

FITNESS **113** 92%

Productive life	**121** 82%	Persistency	**106** 98%	Fertility	**116** 86%
Udder health	**96** 96%	Cell count	**94** 97%	Milking speed	**99** 98%
Calving ease pat.	**112** 99%	Prod. increase	**94** 98%	Calf vitality	**95** 99%
Calving ease mat.	**103** 97%	Semen fertility	**+1%**	BIO	**112** 96%
Milking behaviour	**88** 79%				

TYPE TRAITS DAUGHTERS: 152 (62%) 76 88 100 112 124 136

Body	**95**		
Muscularity	**120**		
Feet & Legs	**106**		
Udder	**88**		
Cross Height	94	small	large
Body Length	99	short	long
Hip Width	97	narrow	wide
Body Depth	101	shallow	deep
Pelvic Angle	115	ascending	slope
Hock Angularity	93	straight	sickled
Hock Development	99	swollen	dry
Pastern	105	weak	strong
Hoof Height	113	low angles	steep angles
Fore Udder Length	91	short	long
Rear Udder Length	98	short	long
Att.of Fore Udder	101	loose	tight
Suspensory Ligament	94	weak	strong
Udder Height	100	deep	high
Teat Length	127	short	long
Teat Thickness	114	thin	thick
Teat placement (front)	79	wide	close
Teat placement (rear)	87	outwards	inwards
Teat direction (rear)	99	outwards	inwards
Udder Purity	92	add. teats	no add. teats

STEINBACH

TYP Allround

HB-Nr. 606405 | AT 10.837.668 | *13.09.2017
Breeder: Oblinger, Mehrnbach
BC: **A2A2** | KC: AA | ET

S A R
TYP:

PEDIGREE **LINE:** Streik

SERTOLI		SANDDORN		SAFIR
DE 09 45623781		Xenia		GEBALOT
				Xima
Elena	7-7-7-8	**VANADIN**		VANSTEIN
AT 942.391.628				
2/285	7.377 4,11 3,39	Eva		**WALDBRAND**
HL: 1.	7.377 4,11 3,39	6/293	8.848 4,23 3,66	Enja

TMI	MI	CG	FIT
124 79%	**115** 86%	**105** 85%	**111** 82%

MILK **115** 86%

	Dtrs.	HD kg	Milk kg	Butterfat %	Butterfat kg	Protein %	Protein kg
			+543	+0,02	+23	-0,02	+17

BEEF **109** 86%

Daily gain	**101** 86%	Dressing perc.	**113** 87%	Carcass grade	**105** 85%

FITNESS **111** 82%

Productive life	**119** 72%	Persistency	**106** 79%	Fertility	**98** 72%
Udder health	**103** 82%	Cell count	**98** 78%	Milking speed	**101** 84%
Calving ease pat.	**113** 99%	Prod. increase	**101** 75%	Calf vitality	**108** 92%
Calving ease mat.	**111** 82%	Semen fertility	**+0%**	BIO	**125** 85%
Milking behaviour	**103** 60%				

TYPE TRAITS DAUGHTERS: 76 88 100 112 124 136

Body	**104**		
Muscularity	**111**		
Feet & Legs	**109**		
Udder	**118**		
Cross Height	101	small	large
Body Length	107	short	long
Hip Width	113	narrow	wide
Body Depth	98	shallow	deep
Pelvic Angle	91	ascending	slope
Hock Angularity	94	straight	sickled
Hock Development	90	swollen	dry
Pastern	113	weak	strong
Hoof Height	113	low angles	steep angles
Fore Udder Length	99	short	long
Rear Udder Length	99	short	long
Att.of Fore Udder	113	loose	tight
Suspensory Ligament	92	weak	strong
Udder Height	116	deep	high
Teat Length	92	short	long
Teat Thickness	94	thin	thick
Teat placement (front)	106	wide	close
Teat placement (rear)	98	outwards	inwards
Teat direction (rear)	108	outwards	inwards
Udder Purity	108	add. teats	no add. teats

ZIROS

TYP Robust-Allround

HB-Nr. 860450 | DE 09 54007932 | *01.10.2018
Breeder: Lautenbacher, Wielenbach
aAa-Code 564123 | BC: **A2A2** | KC: **BB**

S A R
TYP:

PEDIGREE **LINE:** Zander

ZOMBIE		ZAUBER	ZAHNER
DE 09 47547349		Ozon	RUMGO
			Olga
Gisella	88-85-79-85	**HUTERA**	HUTMANN
DE 09 51057709			
4/270	11.052 4,77 3,72	Gittl	**WILDWEST**
HL: 3.	13.006 4,77 3,73	6/6,2 10.170 5,09 4,03	Gritta

TMI	MI	CG	FIT
133 76%	**127** 86%	**114** 72%	**106** 80%

MILK **127** 86%

Dtrs.	HD kg	Milk kg	Butterfat %	Butterfat kg	Protein %	Protein kg
		+1211	-0,13	+38	-0,06	+37

BEEF **121** 74%

Daily gain	**118** 76%	Dressing perc.	**116** 73%	Carcass grade	**114** 72%

FITNESS **106** 80%

Productive life	**109** 69%	Persistency	**109** 78%	Fertility	**99** 69%
Udder health	**107** 81%	Cell count	**106** 77%	Milking speed	**95** 83%
Calving ease pat.	**93** 95%	Prod. increase	**108** 74%	Calf vitality	**91** 79%
Calving ease mat.	**109** 76%	Semen fertility	**+1%**	BIO	**129** 83%
Milking behaviour	**103** 58%				

TYPE TRAITS DAUGHTERS: 76 88 100 112 124 136

Body	**106**		
Muscularity	**107**		
Feet & Legs	**109**		
Udder	**118**		
Cross Height	108	small	large
Body Length	110	short	long
Hip Width	105	narrow	wide
Body Depth	101	shallow	deep
Pelvic Angle	108	ascending	slope
Hock Angularity	98	straight	sickled
Hock Development	102	swollen	dry
Pastern	102	weak	strong
Hoof Height	108	low angles	steep angles
Fore Udder Length	103	short	long
Rear Udder Length	98	short	long
Att.of Fore Udder	109	loose	tight
Suspensory Ligament	110	weak	strong
Udder Height	114	deep	high
Teat Length	107	short	long
Teat Thickness	93	thin	thick
Teat placement (front)	108	wide	close
Teat placement (rear)	109	outwards	inwards
Teat direction (rear)	116	outwards	inwards
Udder Purity	108	add. teats	no add. teats

PASSAU

TYP Robust-Allround

HB-Nr. 177438 | DE 09 48484238 | *25.04.2013
Breeder: Wanninger, Kollnburg
Hered. def. F4C | BC: **A2A2** | KC: **BB**

Photo: Gruber

S A R
TYP:

PEDIGREE **LINE:** Planet II

PASSION		PLANNER	PLAN
DE 09 41387798		Banane	SAFIR
			Bavaria
Tatjana		**RONN**	ROMEN
DE 09 36195671			
15/14,6	7.628 4,03 3,64	Tocki	**RAD**
HL: 2011	8.997 3,80 3,67	5/4,3 7.452 4,12 3,57	Trixi

TMI	MI	CG	FIT
109 90%	**106** 97%	**105** 89%	**101** 90%

●**TOP EXTERIOR** ●**DURABLE COW FAMILY**

MILK **106** 97%

Dtrs.	HD kg	Milk kg	Butterfat %	Butterfat kg	Protein %	Protein kg
		+113	+0,02	+6	+0,09	+11
1. L 129	7.516	6.467	4,11	266	3,47	225

BEEF **106** 89%

Daily gain	**110** 91%	Dressing perc.	**100** 78%	Carcass grade	**105** 89%

FITNESS **101** 90%

Productive life	**105** 81%	Persistency	**101** 95%	Fertility	**96** 84%
Udder health	**103** 92%	Cell count	**102** 93%	Milking speed	**94** 94%
Calving ease pat.	**79** 98%	Prod. increase	**103** 95%	Calf vitality	**99** 90%
Calving ease mat.	**106** 90%	Semen fertility	**+2%**	BIO	**108** 93%
Milking behaviour	**100** 71%				

TYPE TRAITS DAUGHTERS: 74 76 88 100 112 124 136

Body	**112**		
Muscularity	**116**		
Feet & Legs	**106**		
Udder	**105**		
Cross Height	111	small	large
Body Length	112	short	long
Hip Width	115	narrow	wide
Body Depth	113	shallow	deep
Pelvic Angle	93	ascending	slope
Hock Angularity	84	straight	sickled
Hock Development	85	swollen	dry
Pastern	115	weak	strong
Hoof Height	122	low angles	steep angles
Fore Udder Length	97	short	long
Rear Udder Length	90	short	long
Att.of Fore Udder	104	loose	tight
Suspensory Ligament	112	weak	strong
Udder Height	101	deep	high
Teat Length	104	short	long
Teat Thickness	99	thin	thick
Teat placement (front)	97	wide	close
Teat placement (rear)	108	outwards	inwards
Teat direction (rear)	100	outwards	inwards
Udder Purity	106	add. teats	no add. teats

BAYERN GENETIK
Perfect Match.

MAIDAN

TYP Allround

HB-Nr. 177427 | DE 09 47662537 | *19.11.2012
Breeder: Hackl, Zwiesel
aAa-Code 543612 | BC: **A2A2** | KC: AA

Photo: Müller

S A R
TYP:

PEDIGREE **LINE:** Metz

MANIGO	MANDELA	MALEFIZ
DE 09 43304203	Nitti	GEBER
		Nopsi
Koko 7-7-7-8	**HUPSOL**	HUMID
DE 09 43912710		
6/5,2 9.859 4,13 3,29	Konny	**EILIG**
HL: 2016 10.847 4,26 3,16	7/7,1 8.578 4,30 3,70	Kuni

TMI	MI	CG	FIT
120 92%	**106** 97%	**105** 98%	**117** 91%

●UDDER HEALTH ●VITAL CALF

MILK **106** 97%

	Dtrs.	HD kg	Milk kg	Butterfat %	Butterfat kg	Protein %	Protein kg
			+396	-0,17	+2	-0,01	+13
1. L	87	7.745	6.859	4,04	277	3,45	237

BEEF **106** 97%

Daily gain	**103** 98%	Dressing perc.	**104** 94%	Carcass grade	**105** 98%

FITNESS **117** 91%

Productive life	**118** 82%	Persistency	**107** 95%	Fertility	**104** 84%
Udder health	**114** 93%	Cell count	**115** 93%	Milking speed	**91** 94%
Calving ease pat.	**104** 99%	Prod. increase	**111** 95%	Calf vitality	**114** 97%
Calving ease mat.	**106** 92%	Semen fertility	**+2%**	BIO	**122** 94%
Milking behaviour	**97** 73%				

TYPE TRAITS DAUGHTERS: 61 (88%) 76 88 100 112 124 136

Body	**91**		
Muscularity	**109**		
Feet & Legs	**111**		
Udder	**105**		
Cross Height	91	small	large
Body Length	88	short	long
Hip Width	86	narrow	wide
Body Depth	95	shallow	deep
Pelvic Angle	110	ascending	slope
Hock Angularity	102	straight	sickled
Hock Development	117	swollen	dry
Pastern	97	weak	strong
Hoof Height	96	low angles	steep angles
Fore Udder Length	100	short	long
Rear Udder Length	104	short	long
Att.of Fore Udder	106	loose	tight
Suspensory Ligament	94	weak	strong
Udder Height	102	deep	high
Teat Length	103	short	long
Teat Thickness	81	thin	thick
Teat placement (front)	97	wide	close
Teat placement (rear)	95	outwards	inwards
Teat direction (rear)	101	outwards	inwards
Udder Purity	90	add. teats	no add. teats

HEX HEX Pp*

TYP Robust-Allround

HB-Nr. 866045 | DE 09 54725619 | *26.03.2019
Breeder: Bernhart, Oberneukirchen
aAa-Code 564132 | BC: **A2A2** | KC: AA | ET

Photo: Pfaller

S A R
TYP:

PEDIGREE **LINE:** Huch

HOKUSPOKUS	HURLY	HULKOR
DE 09 51718913	Nelle	NARR
		Nelli
Lilara 85-85-88-85	**MAHANGO Pp***	MUNGO Pp
DE 09 52237437		
2/305 8.577 4,51 3,72	Liral	**HUMPERT**
HL: 2. 8.967 4,14 3,58	4/4,4 10.198 4,15 3,75	Lira

TMI	MI	CG	FIT
130 74%	**122** 84%	**109** 71%	**110** 77%

●ALLROUNDSIRE ●SUITABLE FOR HEIFERS

MILK **122** 84%

	Dtrs.	HD kg	Milk kg	Butterfat %	Butterfat kg	Protein %	Protein kg
			+763	+0,04	+34	+0,01	+27

BEEF **113** 73%

Daily gain	**113** 76%	Dressing perc.	**108** 73%	Carcass grade	**109** 71%

FITNESS **110** 77%

Productive life	**111** 65%	Persistency	**93** 76%	Fertility	**104** 65%
Udder health	**107** 79%	Cell count	**105** 75%	Milking speed	**97** 80%
Calving ease pat.	**114** 94%	Prod. increase	**93** 68%	Calf vitality	**112** 76%
Calving ease mat.	**109** 73%	Semen fertility	**+2%**	BIO	**124** 80%
Milking behaviour	**101** 56%				

TYPE TRAITS DAUGHTERS: 76 88 100 112 124 136

Body	**103**		
Muscularity	**107**		
Feet & Legs	**112**		
Udder	**114**		
Cross Height	102	small	large
Body Length	104	short	long
Hip Width	103	narrow	wide
Body Depth	102	shallow	deep
Pelvic Angle	103	ascending	slope
Hock Angularity	100	straight	sickled
Hock Development	103	swollen	dry
Pastern	110	weak	strong
Hoof Height	108	low angles	steep angles
Fore Udder Length	103	short	long
Rear Udder Length	102	short	long
Att.of Fore Udder	107	loose	tight
Suspensory Ligament	101	weak	strong
Udder Height	106	deep	high
Teat Length	110	short	long
Teat Thickness	103	thin	thick
Teat placement (front)	104	wide	close
Teat placement (rear)	93	outwards	inwards
Teat direction (rear)	101	outwards	inwards
Udder Purity	99	add. teats	no add. teats

MEROWINGER

TYP Allround

HB-Nr. 193405 | DE 09 47443285 | *16.12.2012
Breeder: Esterer, Teisendorf
BC: A1A2 | KC: AB

S A R
TYP:

PEDIGREE **LINE:** Metz

MERU	MANITOBA	
DE 09 42174057	Nandl	
Ronda	**HUASCARAN**	
DE 09 43581138		
9/7,7 9.945 4,35 3,46	Rowe	**RUAP**
HL: 2014 10.765 4,28 3,36	6/5,5 7.660 4,69 3,81	

TMI	MI	CG	FIT
112 90%	**104** 96%	**95** 91%	**116** 90%

●TOP EXTERIOR ●PRODUCTIVE CAREER

MILK **104** 96%

	Dtrs.	HD kg	Milk kg	Butterfat %	Butterfat kg	Protein %	Protein kg
			+324	-0,13	+3	-0,05	+8
1. L	79	7.772	6.695	4,13	277	3,50	234

BEEF **93** 91%

Daily gain	**87** 93%	Dressing perc.	**98** 83%	Carcass grade	**95** 91%

FITNESS **116** 90%

Productive life	**117** 82%	Persistency	**104** 94%	Fertility	**104** 84%
Udder health	**121** 92%	Cell count	**121** 92%	Milking speed	**95** 93%
Calving ease pat.	**107** 95%	Prod. increase	**109** 94%	Calf vitality	**99** 84%
Calving ease mat.	**96** 88%	Semen fertility		BIO	**114** 93%
Milking behaviour	**105** 71%				

TYPE TRAITS DAUGHTERS: 59		76 88 100 112 124 136	
Body	**101**		
Muscularity	**105**		
Feet & Legs	**114**		
Udder	**109**		
Cross Height	103	small	large
Body Length	101	short	long
Hip Width	97	narrow	wide
Body Depth	96	shallow	deep
Pelvic Angle	112	ascending	slope
Hock Angularity	81	straight	sickled
Hock Development	108	swollen	dry
Pastern	103	weak	strong
Hoof Height	105	low angles	steep angles
Fore Udder Length	89	short	long
Rear Udder Length	92	short	long
Att.of Fore Udder	95	loose	tight
Suspensory Ligament	115	weak	strong
Udder Height	115	deep	high
Teat Length	81	short	long
Teat Thickness	87	thin	thick
Teat placement (front)	101	wide	close
Teat placement (rear)	94	outwards	inwards
Teat direction (rear)	93	outwards	inwards
Udder Purity	104	add. teats	no add. teats

VOGTLAND P*S

TYP Robust-Allround

HB-Nr. 871141 | DE 09 53846762 | *28.03.2018
Breeder: Helminger, Teisendorf
aAa-Code 456321 | BC: **A2A2** | KC: AA

S A R
TYP:

PEDIGREE **LINE:** Redad

VOTARY P*S	RUHMREICH PS	RUSTICO
DE 09 46894585	Granada	RUMGO
		Goldma
Esta 83-83-84-82	**WENDLINGER**	WILLE
DE 09 51208549		
3/305 8.766 4,06 3,50	517	**SAMLAND**
HL: 2. 8.991 4,02 3,80	2/284 4.450 3,43 3,49	Erika

TMI	MI	CG	FIT
120 78%	**111** 84%	**95** 76%	**120** 83%

MILK **111** 84%

	Dtrs.	HD kg	Milk kg	Butterfat %	Butterfat kg	Protein %	Protein kg
			+701	-0,09	+21	-0,17	+10

BEEF **91** 79%

Daily gain	**100** 80%	Dressing perc.	**88** 80%	Carcass grade	**95** 76%

FITNESS **120** 83%

Productive life	**122** 73%	Persistency	**108** 76%	Fertility	**111** 73%
Udder health	**112** 81%	Cell count	**114** 76%	Milking speed	**111** 81%
Calving ease pat.	**109** 99%	Prod. increase	**116** 72%	Calf vitality	**100** 97%
Calving ease mat.	**107** 89%	Semen fertility	**+1%**	BIO	**124** 85%
Milking behaviour	**102** 59%				

TYPE TRAITS DAUGHTERS:		76 88 100 112 124 136	
Body	**98**		
Muscularity	**105**		
Feet & Legs	**106**		
Udder	**110**		
Cross Height	95	small	large
Body Length	97	short	long
Hip Width	102	narrow	wide
Body Depth	105	shallow	deep
Pelvic Angle	95	ascending	slope
Hock Angularity	101	straight	sickled
Hock Development	96	swollen	dry
Pastern	111	weak	strong
Hoof Height	105	low angles	steep angles
Fore Udder Length	106	short	long
Rear Udder Length	103	short	long
Att.of Fore Udder	112	loose	tight
Suspensory Ligament	91	weak	strong
Udder Height	106	deep	high
Teat Length	98	short	long
Teat Thickness	102	thin	thick
Teat placement (front)	110	wide	close
Teat placement (rear)	100	outwards	inwards
Teat direction (rear)	107	outwards	inwards
Udder Purity	101	add. teats	no add. teats

BAYERN GENETIK
Perfect Match.

VIEHSCHEID P*S

TYP Allround

HB-Nr. 606275 | AT 673.688.529 | *29.04.2016
Breeder: Tretter, Oberschlierbach
aAa-Code 561432 | BC: **A2A2** | KC: AA

S A R
TYP:

PEDIGREE **LINE:** Redad

VOLLGAS P*S	VALERO PS	VANSTEIN
DE 09 45624775	755	ERMUT
		640
Prisma 83-80-86-89	**GS RAU**	RUMBA
AT 947.195.617		
8/3,9 8.628 4,22 3,49	Primel	**HARVESTER**
	5/299 7.647 4,05 3,21	Prinzi

TMI	MI	CG	FIT
124 90%	**123** 97%	**112** 97%	**96** 89%

●MILKING SPEED ●TOP UDDER QUALITY

MILK							**123** 97%
	Dtrs.	HD kg	Milk kg	Butterfat %	Butterfat kg	Protein %	Protein kg
			+454	+0,37	+50	+0,06	+20
100 days	148	8.233	2.632	4,43	117	3,29	87

BEEF					**115** 97%
Daily gain	**112** 98%	Dressing perc.	**111** 95%	Carcass grade	**112** 97%

FITNESS					**96** 89%
Productive life	**96** 77%	Persistency	**84** 96%	Fertility	**94** 79%
Udder health	**104** 93%	Cell count	**105** 93%	Milking speed	**113** 95%
Calving ease pat.	**110** 99%	Prod. increase	**101** 95%	Calf vitality	**101** 94%
Calving ease mat.	**115** 91%	Semen fertility	**+2%**	BIO	**119** 93%
Milking behaviour	**96** 74%				

TYPE TRAITS DAUGHTERS: 82		76 88 100 112 124 136	
Body	**89**		
Muscularity	**103**		
Feet & Legs	**113**		
Udder	**109**		
Cross Height	90	small	large
Body Length	96	short	long
Hip Width	91	narrow	wide
Body Depth	91	shallow	deep
Pelvic Angle	90	ascending	slope
Hock Angularity	91	straight	sickled
Hock Development	98	swollen	dry
Pastern	110	weak	strong
Hoof Height	106	low angles	steep angles
Fore Udder Length	100	short	long
Rear Udder Length	109	short	long
Att.of Fore Udder	106	loose	tight
Suspensory Ligament	96	weak	strong
Udder Height	100	deep	high
Teat Length	89	short	long
Teat Thickness	95	thin	thick
Teat placement (front)	122	wide	close
Teat placement (rear)	107	outwards	inwards
Teat direction (rear)	111	outwards	inwards
Udder Purity	94	add. teats	no add. teats

RAFFZAHN

TYP Robust-Allround

HB-Nr. 162801 | DE 09 74575770 | *19.01.2009
Breeder: Hessbachhof Merk, Lehrberg
Hered. def. F5C | aAa-Code 534126 | BC: A1A2 | KC: AA

Photo: Gruber

S A R
TYP:

PEDIGREE **LINE:** Redad

RAU	RUMBA	RALBO
AT 653.713.345	IRINA	MALF
		IRISA
717 9-7-7-7	**ZAHNER**	ZAHN
DE 09 41344236		
4/4,6 9.145 4,38 3,66	531	**HIPPO**
HL: 2010 11.211 4,21 3,56	5/4,1 7.592 4,03 3,60	448

TMI	MI	CG	FIT
99 99%	**99** 99%	**108** 99%	**98** 99%

●TOP UDDER QUALITY ●PERFECT DUAL PURPOSE

MILK							**99** 99%
	Dtrs.	HD kg	Milk kg	Butterfat %	Butterfat kg	Protein %	Protein kg
			-43	-0,01	-2	+0,00	-1
1. L	3.376	8.148	7.027	4,14	291	3,51	247

BEEF					**106** 99%
Daily gain	**115** 99%	Dressing perc.	**96** 99%	Carcass grade	**108** 99%

FITNESS					**98** 99%
Productive life	**99** 98%	Persistency	**75** 99%	Fertility	**98** 99%
Udder health	**111** 99%	Cell count	**110** 99%	Milking speed	**93** 99%
Calving ease pat.	**85** 99%	Prod. increase	**84** 99%	Calf vitality	**90** 99%
Calving ease mat.	**100** 99%	Semen fertility	**+2%**	BIO	**94** 99%
Milking behaviour	**102** 93%				

TYPE TRAITS DAUGHTERS: 1488		76 88 100 112 124 136	
Body	**110**		
Muscularity	**110**		
Feet & Legs	**95**		
Udder	**122**		
Cross Height	107	small	large
Body Length	109	short	long
Hip Width	111	narrow	wide
Body Depth	118	shallow	deep
Pelvic Angle	96	ascending	slope
Hock Angularity	103	straight	sickled
Hock Development	92	swollen	dry
Pastern	93	weak	strong
Hoof Height	106	low angles	steep angles
Fore Udder Length	100	short	long
Rear Udder Length	94	short	long
Att.of Fore Udder	114	loose	tight
Suspensory Ligament	124	weak	strong
Udder Height	114	deep	high
Teat Length	88	short	long
Teat Thickness	94	thin	thick
Teat placement (front)	110	wide	close
Teat placement (rear)	109	outwards	inwards
Teat direction (rear)	109	outwards	inwards
Udder Purity	104	add. teats	no add. teats

EVOLUTION

TYP Robust-Allround

HB-Nr. 871050 | DE 09 52299508 | *14.05.2017
Breeder: Steinmassl, Kirchanschöring
BC: **A2A2** | KC: AA

Photo: Pfaller

S A R

TYP:

PEDIGREE **LINE:** Eder

ETOSCHA			EVEREST		ERMUT
DE 09 48786057			Mina		IDIOM
					Mira
898	85-81-84-82		**REUMUT**		RAUFBOLD
DE 09 49370897					
5/3,3	8.201 4,81 3,84		801		**WALDBRAND**
HL: 2017	8.946 4,48 3,77	2/305		7.182 3,86 3,42	713

TMI	MI	CG	FIT
123 78%	**114** 86%	**100** 80%	**115** 82%

MILK **114** 86%

Dtrs.	HD kg	Milk kg	Butterfat %	Butterfat kg	Protein %	Protein kg
		+738	-0,20	+13	-0,01	+25

BEEF **106** 83%

Daily gain	**108** 84%	Dressing perc.	**108** 84%	Carcass grade	**100** 80%

FITNESS **115** 82%

Productive life	**106** 72%	Persistency	**98** 78%	Fertility	**114** 71%
Udder health	**119** 82%	Cell count	**118** 78%	Milking speed	**93** 84%
Calving ease pat.	**106** 98%	Prod. increase	**102** 74%	Calf vitality	**98** 90%
Calving ease mat.	**105** 81%	Semen fertility	**+2%**	BIO	**120** 85%
Milking behaviour	**101** 62%				

TYPE TRAITS DAUGHTERS: 76 88 100 112 124 136

Body	**113**		
Muscularity	**110**		
Feet & Legs	**102**		
Udder	**116**		
Cross Height	114	small	large
Body Length	115	short	long
Hip Width	114	narrow	wide
Body Depth	107	shallow	deep
Pelvic Angle	114	ascending	slope
Hock Angularity	92	straight	sickled
Hock Development	88	swollen	dry
Pastern	102	weak	strong
Hoof Height	114	low angles	steep angles
Fore Udder Length	101	short	long
Rear Udder Length	96	short	long
Att.of Fore Udder	109	loose	tight
Suspensory Ligament	106	weak	strong
Udder Height	111	deep	high
Teat Length	102	short	long
Teat Thickness	102	thin	thick
Teat placement (front)	123	wide	close
Teat placement (rear)	102	outwards	inwards
Teat direction (rear)	108	outwards	inwards
Udder Purity	101	add. teats	no add. teats

MITTELWEG

TYP Allround

HB-Nr. 173928 | DE 09 55141312 | *08.05.2019
Breeder: Obermeier, Abensberg
BC: **A2A2** | KC: AB | ET

Photo: Pfaller

S A R

TYP:

PEDIGREE **LINE:** Metz

MINOR			MINT		MANIGO
DE 09 51711812			Lady		PASSION
					Lolita
Ninet	90-88-86-85		**ZASPIN**		ZASPORT
DE 09 49287309					
5/8.531	4,41 3,72		Nene		**RAU**
HL: 2018	8.383 4,20 3,81	7/7,1		8.010 4,82 3,88	Narzise

TMI	MI	CG	FIT
132 75%	**119** 85%	**103** 73%	**122** 79%

MILK **119** 85%

Dtrs.	HD kg	Milk kg	Butterfat %	Butterfat kg	Protein %	Protein kg
		+513	+0,11	+30	+0,07	+24

BEEF **102** 75%

Daily gain	**104** 77%	Dressing perc.	**100** 72%	Carcass grade	**103** 73%

FITNESS **122** 79%

Productive life	**118** 67%	Persistency	**97** 78%	Fertility	**106** 67%
Udder health	**128** 81%	Cell count	**129** 77%	Milking speed	**95** 83%
Calving ease pat.	**103** 79%	Prod. increase	**101** 71%	Calf vitality	**110** 69%
Calving ease mat.	**110** 73%	Semen fertility		BIO	**125** 81%
Milking behaviour	**104** 59%				

TYPE TRAITS DAUGHTERS: 76 88 100 112 124 136

Body	**96**		
Muscularity	**99**		
Feet & Legs	**113**		
Udder	**102**		
Cross Height	98	small	large
Body Length	95	short	long
Hip Width	92	narrow	wide
Body Depth	95	shallow	deep
Pelvic Angle	104	ascending	slope
Hock Angularity	109	straight	sickled
Hock Development	113	swollen	dry
Pastern	102	weak	strong
Hoof Height	106	low angles	steep angles
Fore Udder Length	106	short	long
Rear Udder Length	109	short	long
Att.of Fore Udder	103	loose	tight
Suspensory Ligament	95	weak	strong
Udder Height	94	deep	high
Teat Length	108	short	long
Teat Thickness	97	thin	thick
Teat placement (front)	100	wide	close
Teat placement (rear)	100	outwards	inwards
Teat direction (rear)	101	outwards	inwards
Udder Purity	103	add. teats	no add. teats

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