

Brown Swiss news

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#BREED FACT

BROWN SWISS MILK QUALITY

The best combination of produced milk

Brown Swiss perfectly balances quantity with quality and offers the best combination of produced milk. Indeed, with an average production above 7000 Kg in the European countries, the breed is very competitive on volumes. Besides volume, Brown Swiss has an added value thanks to a fat content about 4% and a high protein content about 3.5 to 3.8 %. In countries where the milk payment system takes into account protein and fat content, Brown Swiss milk offers a gain up to 5cts more per liter.

Benefits for cheese making and human health

Brown Swiss milk is a noble raw material for the production of quality products especially cheeses. It contributes to the reputation of various cheeses in Europe thanks to its quality. High in fat, essential for cheese flavor and taste, Brown Swiss milk is mainly known for its high protein content. Milk quality indicator, the ratio F/P must be equal or higher to 1.15 for a proper cheese development. With a ratio of 1.22, Brown Swiss positions itself in the leading trio of suitable breeds in France.

The high casein content and especially Kappa Casein BB makes Brown Swiss milk very suitable for cheese making. Indeed a Kappa Casein BB milk offer a higher cheese yield than a AA milk with an equivalent protein %.

In Parma University, a difference of + 13% of cheese yield was measured on Parmesan production. Also, with 100 Kg of milk, Brown Swiss produced 11.25 Kg of Cheddar cheese against 10.34 Kg for Holstein. Results obtained also show that curdling is faster, curd solidifies faster, is more consistent and more resistant leading to an easier processing and a higher quality product also appreciated from organoleptic point of view.

In France, the allelic frequency of Kappa Casein B variant obtained with the genotyping of the population is 80.1 % (63.8% BB and 32.6% AB). It is one of the highest percentage, all breeds.

	Brown Swiss	Holstein	Variation
Parmesan (Kg/100 Kg milk)	8,83	7,80	+ 13%
Cheddar (Kg/100 Kg milk)	11,25	10,34	+8 %
Clotting time (Rmin)	16,7	17,9	- 7 %
Solidification time (K20 min)	8,6	13	- 34 %
Compressive strength (g)	32,3	29,8	+ 8 %
Sectioning Resistance (g)	60	47,9	+ 25 %

University of Parma, Italy

Brown Swiss milk, more digestible?

Beta casein represent 30% of milk protein and also includes 2 types; A1 and A2. The proportion of A2 in Brown Swiss milk is very high. In Switzerland, the A2 frequency is 78.5% with 62% A2A2. In France, 70% of the population is A2A2. It is the highest proportion.



Summary

BREED FACT.....	1
BREED AMBASSADOR ..	3
FRANCE.....	4
GERMANY	5
SWITZERLAND	7



European
Brown Swiss
Federation

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RELIABLE QUALITY - FOR LIFE


**BROWN
SWISS**

MORE THAN MILK

»The combination of high quality milk delivery and strong vitality is what we like about our Brown Swiss cows. Throughout their lifetime they offer constant milk quantities, are really healthy and in addition, nicely tempered. We recommend Brown Swiss.«

Family Denzel, Oberessendorf/Germany



#BREED AMBASSADOR

Aaron Albinger

Germany's largest organic Brown Swiss herd!

Aaron Albinger of Biberach-Winterreute (Baden-Wuerttemberg, Germany) already had the goal of milking more Brown Swiss cows when he took over responsibility in his parents' dairy farm.

The farm, which has been operating organically since 1989, has 220 Brown Swiss cows and 200 head of progeny. All forage is self-produced on 210 hectares. In addition to the most suitable breed for organic dairying, herd management is very important for this herd size. The daily work in the parlor is always fun for 33-year-old Aaron, especially with the top udders of his show-experienced cows. As an organic farm, he currently milks 9,240 kg with 3.50% protein on his Brown Swiss - and that with daily grazing during summer.

His father Gerhard laid the foundation for the old cows by using only the best available Brown Swiss genetics. Old cows are the family's pride and joy. A total of 14 cows exceeded the 100,000 kg mark so far. Brown Swiss - longevity with the highest protein kilograms.

His wife Marina not only raises their children Micha, Elias and Rosalie, but also takes care of the calves. Appropriate polled genetics are used wherever possible, as dehorning is associated with requirements in the organic sector.

There are still 30 Holsteins in the herd, too. "The difference is especially evident during summer," says Aaron Albinger. "Brown Swiss clearly has more heat tolerance! In extreme temperatures, the time around calving is also easier. "



Organic and Brown Swiss – there exists an extremely booming demand for animals throughout Germany. Especially good heifers are in great demand. The wide range of sexed semen provided by Rinderunion Baden-Wuerttemberg (RBW) will help Brown Swiss farmers to produce valuable females. Unfortunately, the use of sexed semen is not allowed in organic dairy farming. High milk yields combined with very good persistence are highly appreciated by customers. A lot of milk from forage is the basis for the high profitability of Brown Swiss, especially on organic farms.

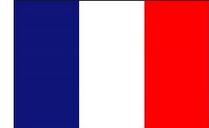
Despite the full daily schedule, the breeder promotes his genetics at shows. "This is important in order to promote the Brown Swiss cow in other regions of Germany", say Micha and Aaron Albinger, exhibitors of the German Dairy Show 2019. The Holstein breeders at that show have been impressed by the good feet & legs and the calm character!

For the Albinger family, "More than Milk" means working pro-actively. In the Braunviehvision project they collect health data. Calving behavior, udder and claw health or metabolic stability are just a few of the traits that are regularly recorded. "It advances the breed and also provides valuable information for me as a herd manager!"



French Brown Swiss proof release

New genomic sires



PATRICE

Momo PF x Greenwich x Vigor - Born at Vincent Lefebvre farm

Only son of Momo PF available in the world, this bull is a sure value to produce a lot of milk with excellent % of fat and protein! He is in the top index of all countries: Number 7 in Italy with 1247 ITE, Number 6 in Switzerland at 1455 GZW and 185 PPR (April 2020). His granddam Futée TB 88 and his mother Intime PF have shown their potential with very high contents, while also shining on shows! Intime PF was elected Miss BGS at the World Congress championship at Mende 2016. Openbar also descends from this line. Patrice also brings a very good fertility to his daughters, stylish cows with a strong back line and interesting udder attachments. The teats are of ideal size, he is BB, A2A2 and available sexed.



PARELOUP

Loustic x Anibal x Astérix - Born at Gaec de Glauzy

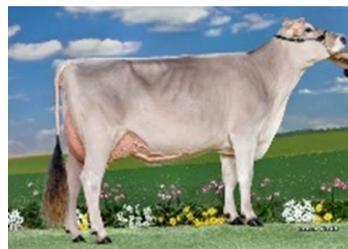
He got his name from a lake in Aveyron, where he was born! If his pedigree is not the most original, he is based on a solid family which goes back to Truite cow. This Janvier daughter, scored VG 86, has done 9 lactations in 11 years. Jasse, Pareloup's dam was present in 2019 at the Sommet de l'Elevage in Cournon. She is rated G+83 with a VG 86 in udder. She is a cow that works very well in a system with grass at more than 800 meters altitude. Pareloup offers a really complete profile, combining an appreciable milk index with fat and protein. In terms of morphology, it also fits very well with a perfect linear, combining solidity in the back, thick heel and a firmly attached udder. He is BB and A2A2 and available in sexed semen.



PENALTY

Bender x King x Hard Rock - Born at élevage Bonnet

Penalty has an original pedigree that takes its roots in the family of the best French bull ever, Traction. His granddam is none other than Fourmie, Hamster's dam and Jackson's, and going on we find Zeus CH, Jublend and finally Denmark Noemie, dam of Traction. His granddam Jolie Gala (Hard Rock), his great-granddam Fourmie (Huray) and his aunt Patatie all three participated in the BGS E-Show contest! It's easy to understand why Penalty ranks so easily among the leaders in type at +1.9. The size, the depth and especially the perfect backline combined with very strong legs and a close udder make him a must-have bull for type lovers. He is also a sure value to improve contents and is BB / A2A2.



PARMESAN

Superstar x Glenn x Vigor- Born at Gaec Vital Piccoli

Here's a young bull with a particularly interesting profile, the fruit of a family that never ceases to confirm! With 1310 GZW he is in the top 65 in Switzerland, with a 130 udder and +0.94 udder in the USA. His dam Gala GP is already in 7th lactation when she is only 9 years old and had only 9 AI. This daughter of Glenn VG 86 and EX 90 in udder is none other than a daughter of Douane ! With EX 92 and EX 94 in udder in 8th lactation, she has just participated in the European competition in the category of the most productive cows (with more than 2000 kg of protein). She closely followed the famous Jongleur Soraya who finished European adult champion! Parmesan combines milk richness, low cell count and excellent udders (attachments / volume / support). It transmits a very good size/width ratio with depth and solidity, and a good heel thickness. Its exceptional longevity index is in the image of the family. BB and A2A2, it will be suitable on dairy families with a good rump angle.



OPTIMAL

Sinatra x Blooming x Vigor - Born in Gaec Funcken/Earl de la Maie/Gaec Marie Fontaine

He is the new ISU leader of the BGS range at this August proof run! With 1419 GZW, he is also N°8 of the bulls available in Switzerland! He is the 2nd best Sinatra son in Germany with 123 GZW. He comes from a famous and confirmed lineage: his dam Mana VG 85 (Blooming) is one of the best cows in the country and represented France at the last European show in Verona! He ideally combines the strong production of his sire and the excellent and very complete morphology of the Fiona family. He is available in sexed and BB / A2A2!





Luca Nelli

Hamburg cow family : PRONTO Bruni (11 lact), HUSIR Britta (7 lact), PADUA Briela (4 lact)

Long-lived cow family on the Bruderhof

Richard Graf's "Bruderhof" is located in the west of the Bavarian Allgäu. This company has been breeding Brown Swiss with passion for generations.

The B line, from which the daughter proven Alpengenetik bull AG Hamburg originates, can be traced back to the 1960s. There are now 30 cows from this cow family in Farmer Graf's herd. As early as the 1970s, this line included long-term performance cows, later generations of bull mothers with good ratings. Let's start with Preston Bettina, born in 1995, that was rated 8/8/8 and completed four lactations. This is followed by Jupiter Bella, that had five calves and was a bull mother. Vivoo's daughter Berna comes from Bella. Berna completed eleven lactations. Now comes Pronto Bruni, that was judged in the seventh lactation and received the following score: 85/81/89/91. She had calved twelve times and went off last year. Three Bruni daughters were rated as bull mothers: Hucos-Brunke 91/86/90/87, Payssli Briska 89/86/89/90 and Husi's daughter Britta, that was rated 87/85/89/89 in the second lactation. Britta is still alive, twelve years old and already has nine calves. After being inseminated once Britta is pregnant again.

AG Hamburg's mother Padua-Briela comes from Britta. Briela was also rated as a two calf cow with the following marks: 90/84/88/90. Now Briela is in her sixth lactation with an average of 8,056 kg milk, 4.86 percent fat and 3.96 percent protein. After being inseminated once AG Hamburg's mother is also pregnant again. It's not surprising that AG Hamburg has such strong fitness values. Very functional unproblematic ancestors are found in AG Hamburg's family tree.



AG HAMBURG mother : PADUA Briela



AG HAMBURG

RBG Memmingen

Polled Brown Swiss Genetics from Greifenberg

In the region of the AI center BSG Greifenberg, inseminations with naturally polled bulls are steadily increasing. For example, in some breeds more than one third of the inseminations are already carried out with polled sires. Therefore, great attention is always paid to the variety of blood lines and quality of the used bulls. Also, in the Brown Swiss breed we have been working with dedication and perseverance on the polled genetics for years and now we are proud that the first results are visible.

In November 2019 we were able to present **VESPA P*S** (GZW 118) daughters at the German Brown Swiss Young Breeders Show - the first polled Brown Swiss progeny group ever. In the meantime, over 100 daughters are in milk and confirm his qualities: Vespa P*S daughters are high performing cows that can as well convince with high fat percentage. He can also be used for the targeted improvement of milking speed. The udders of the Vespa P*S daughters show a lot of length in the fore udder, a decent rear udder height and a good suspensory ligament.

VIKING Pp* brought daughters with very good type and can also be found in international pedigrees as a bull sire. The first homozygous polled son is expected with his first progeny tested breeding values in December. **VISOR P*S** (GZW-DE 119, GZW-CH 1426) is also very popular and used in several countries. This naturally polled young Brown Swiss sire derives from the well-known B-family of the Klement Emilius farm, Pfronten and was bred from the enormously high performing Huxoy daughter Bonita. But not only in performance his cow family convinces, Visor P*S has 3 EX classified cows in his pedigree, which is also reflected in his genomic breeding pattern.

With **DON PP*** we are pleased to have one of the few Brown Swiss bulls in Greifenberg, where all offspring will be genetically polled. The homozygous polled bull himself shines with his enormously fine, correct conformation and excellent feet and legs. His dam, Emsland PS-Bibi PS, is considered in the breeding stable as an uncomplicated cow with clear strengths in body depth and length. A strong pelvis and the extremely functional udder complete the profile of Bibi PS, who is already in her 4th lactation. The young bull Don PP* convinces with his attractive performance and fitness inheritance combined with excellent rumps. Don PP is also available with sexed semen.

BSG Greifenberg



DON PP 's mother : Emsland PS-BIBI



DON PP

New options for the breeding season

Martin Rust, Braunvieh Schweiz



On top of the proven Brown Swiss bulls there is nothing to shake at the twosome Simbaboy and Fact. Haegar confirms well with more daughters. Four new proven Brown Swiss bulls and one Original Braunvieh bull have been released for second crop use.

The new estimated breeding values in August are always expected eagerly, since they are the base for the upcoming breeding season starting in autumn.

Strong debut by Bunin and Sky Star

Vasient-Son Vinox makes a big leap ahead and adds 69 points to his GZW. However, he is still far away from the two front-runners Simbaboy and Fact, which both also have advantages in their type inheritance.

The two «freshmen» by Simbaboy – Bunin and Sky Star – have a strong entry on rank 8 and 10 respectively. Bunin traces back to the deep B-family of Marcel Caduff in Morissen, which is well known for longevity and strong udders. Bunin is free of Glenn-blood and therefore widely useable. He transmits a lot of milk combined with excellent fitness traits. Especially his extraordinary daughter pregnancy rate stands out. Bunin shows also fairly good overall type with no bigger shortcomings.

Sky Star is another Simbaboy-son out of Nesta Little Coron bred by Marcel Zumbühl in Thunstetten. He is a maternal half-brother of Big Star. Sky Star is average for production but transmits extremely high components. His daughters are average sized with nice udders.

First son by Glena graduated

Glenn Glena of Paul Kälin in Steinen has been one of the best-known cows in the show ring in Switzerland. She captivated the audience with her charisma and her stunning udder quality. Glena now also meets the expectations as dam of sires with her first son Glehuro sired by Huray. Glehuro transmits a good production with high protein components. He makes strong type cows with good rump structure and solid udders.

Jeronimo out of Nesta Judy – also a well-respected cow in the show ring – is another late son by Huray in second crop use.

Pleasant development for Haegar

Haegar, who has been selected in April, confirmed very well in the August proof.

Looking at his profile (lots of milk, average size, tight udders) Haegar might become the most important bull in the upcoming breeding season. Next to Fact, Passat and Salomon he is the only proven bull available with over 700 kg milk and an udder index of 120.

The top list for type is still led by Glenn Jaguar, followed by Calvin and Blooming.

Young sires list dominated by sons of Antonov

Five sons of Antonov are within the first twelve ranks of the young sires in AI. Three of the them are newly available: Noro SG, Tambo (out of the Tambur-family) and Andi. The highest newcomer, Noro SG, starts right away as number 2 behind Canyon.



Bunin BELLA
E/Z: Alois Appert, 6353 Weggis
Bild: KeLeKi



FRAUENTHAL Glehuro JLARIA
E/Z: Frauenthal BLG, 6332 Hagendorn
Bild: KeLeKi



Karl Peter's BS Haegar HUMMEL
E/Z: Karl Peter, 6055 Alpnach Dorf
Bild: KeLeKi