

GERMAN news HOLSTEINS

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Christine Massfeller



TOP NEWS

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German cows prove themselves on the Europe

Congratulations Germany! After the somewhat restrained atmosphere of the German breeding organizations in 2010, this year's All-European Championship in Switzerland was celebrated with a great party.

The Swiss event organizers were pleased with triple the number of visitors compared to 2010. About 12,000 guests from all over the world travelled to this show in order to assure themselves of the European show quality. And they were not disappointed.

The superlative show started with the competition of the Red Holsteins. It became apparent here that Germany was able to

Red and Joyboy.

In the Holstein squad as well, the German cows shined. The biggest success from Germany was made by FG Ice: reserve champion title of the medium classes. A big surprise was the class win of the Bodrum daughter WR Diana which the German breeders celebrated. Bodrum is a real conformation specialist with RZE of 136. Especially the udder transmission with a breeding value of 143 has to be highlighted here. It is the highest udder breeding value of the daughter proven, German bulls. The other breeding values are clearly above average as well.

Another famous German bull known worldwide lived up to his name as a conformation sire. The Italian third calver Pess Farm Alliance Oriola won a place in the upper middle field in a very strong class. Through this, Alliance proved again



Vice champion in the country competition of the Red Holsteins: Germany!

defy the Swiss superiority and the German cows ranked second in the country competition. The second calver Ruegruet Joyboy Minneapolis came 4th behind many experienced show cows. The Carmano daughter SchZ Zamara from Austria stood out positively as well. The regular appearance of German bulls in the pedigrees was very pleasant especially, for example Rustler

that he breeds show winners.

A very special highlight was the last class, the oldest cows of the show. Only cows that had already celebrated great show successes or attended the All-European Championship 2010 in Cremona, Italy, were in this class. Two German cows competed with other splendors. So the enthusiasm of the German visitors was unlimited when the



an scale



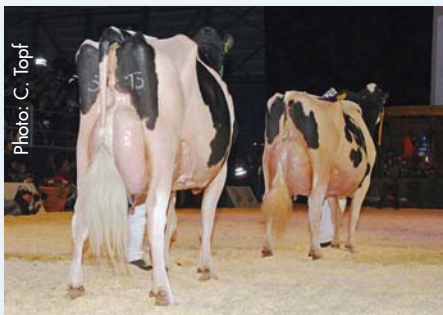
FG Ice: reserve intermediate champion

two animals ranked 4th and 5th. The best German attendee in this class was the Marbach daughter Loh Nastygirl who already was successful at regional and national shows.



Bodrum daughter WR Diana: outstanding class winner

This year's All-European Championship showed that German Holstein breeding belongs to the absolute elite in Europe, both in the Holstein and Red Holstein category.



Loh Nastygirl & Lady Gaga: successful in the oldest class

GGI congratulates all breeders and owners of these excellent animals and thanks for the organization of this trend-setting event. ♦

GGI on the Internet:
Current information
in 6 languages.
Visit www.ggi.de

EuroTier 2012: GGI showed high class

The number of visitors increased again: 160,000 interested people from Germany and abroad travelled to Hanover from November 13th to 16th 2012.

We were pleased that the number of foreign guests increased as well. We were able to welcome visitors from more than 100 different countries this year, proving the international significance of our fair. The GGI joint stand was an absolute crowd

the bull **Reuter** at the EuroTier 2012. The completely darkly colored, elegant animals presented themselves as very juvenile with lots of harmony and a strong top line. Their well-sloped rumps promise trouble-free calvings which is also reflected by Reuter's calving breeding values. The functional production udders are characterized by their nice texture and the very good suspensory ligament. Other strengths of the outcross sire Reuter are the high compo-



Top-class genetics under one roof: GGI booth with 36 daughters of current GGI bulls

puller due to the great appearance and presentation of 12 progeny groups in total. Nine Holstein, two Red Holstein and one Angler group were presented daily on the stage of the "TopTierTreff" as well as throughout the day at the stand. The GGI stand impressed with its copied barn so that the guiding principle "German top-class genetics under one roof" became apparent. A more detailed report on the daughter groups presented is listed below. It was the premiere for a daughter group of

nents and the excellent feet & legs.

Three second crop daughters of the Red **Vincente** were shown. The framy animals convinced with enormous development potential as well as excellent feet & legs. High foot angles, dry hocks and optimal rear leg set are the highlights of his sire qualities. A special characteristic for a Red Holstein sire are the long teats.

The **Zabing RC** daughters had lots of length and frame coupled with a nice,



continued from page 3: EuroTier 2012

angular open rib. Their dry, well-angled and parallel set feet & legs as well as optimally sloped rumps with correct thurl position reflect what every farmer desires.

Another interesting new bull was introduced: **NOG Mato**. His daughters excelled with lots of strength and wide rumps, moving on very correct feet & legs. Special traits of the NOG Mato daughters are the wide rear udders and long fore udders which are firmly attached. This bull breeds free stall barn cows that are suitable for milking robots due to their good milkability. High protein percentages are the cherry on the top.

Borsati confirmed his so far only genomic breeding values with his 3 daughters. The strong, framy daughters equipped with outstanding body depth showed excellent legs. Eye-catchers are the very functional udders with great texture as well as high and wide attachment. Udders will produce high milk yields. In addition, these attributes are also emphasized by excellent udder health and longevity.

Eminem who has a deep German pedigree, showed his sire qualities again with his second crop daughters. The very juvenile heifers shined with dry hocks as

well as feet & legs with optimal angle and correct set. Their firmly attached udders are of outstanding quality and carried by a strong suspensory ligament. The good protein percentages and his outcross pedigree make this bull nearly perfect.

Stylist had a daughter group with second calvers from his second crop at the EuroTier after his first in 2010. These production cows ex-



Outcross and excellent feet & legs: the progeny group of Reuter was one of the 12 daughter groups that were presented at the EuroTier.



All-round Red Holstein sire Ruleto was represented through medium-framed, strong daughters.



Suitable for milking robots: Angler bull Haithabu was represented through well-sized daughters with faultless feet & legs.

celled with great feet & legs as well as closed hooves coupled with high foot angles. The second calvers showed optimal development and impressed due to their perfect body and very firmly attached udders which are carried by a strong suspensory ligament. Moreover, Stylist is known for his extraordinary transmission for protein (cappa

casein BB).

The daughters of the fitness sire **Sallas** shined with their rock-solid feet & legs. The well-textured udders are attached very highly and showed good persistency. Sallas transmits good fertility and great udder health which makes him one of the best sires for RZFit. The fact that he can be used on heifers enables extremely wide use.

A group of second and third calvers of **Omatido** was shown. This bull already attracted attention through a continuous increase of his breeding values. His daughters stand for efficiency. The Omatido daughters embody the German breeding philosophy due to lots of depth and strength as well as perfect feet & legs and udders.

The Red all-round sire **Ruleto** was represented by a group of strong, framy heifers from the second crop. The heifers presented themselves with medium dairy type and showed lots of strength through their front end. They moved excellently on correct feet & legs and their well-textured udders were carried by a strong suspensory ligament. Another highlight is the fact that he has very good daughter fertility.

The all-rounder **Haithabu** is currently the most balanced bull among the Anglers. His daughters have clearly above average strength, body depth and stand out due to their enormous size. These animals are suitable for milking robots because of their faultless feet & legs and the nice udders, having the desired test placement. ♦

Germany's first sexing laboratory built in Cloppenburg

Germany's first semen sexing facility went into business in Cloppenburg and brings easier breeding progress to the farmers.

Having the first sexing laboratory in Germany, it is possible for us to offer sexed

female gender or the male gender. Through a computer-based process, X chromosomes can be differed from Y chromosomes and, therefore, particular sperm can be sorted. This method is called flow cytometry. By using this method, you will have semen doses at the end that will produce female progeny in nine out of ten cases on average. The advantages are obvious: faster replacement by a significantly higher percentage of female calves; easier calvings of the heifers by female calves and therefore a better start for the young cow, less consequential charges and losses; higher revenues through the sale of female progeny; higher breeding progress when specifically mating. A conclusion can be that the use of sexed semen has numerous advantages regarding breeding, management and economic aspects.

laboratories abroad, the bulls had to be brought to the laboratory locations or fresh semen had to be transported there which has always been connected with risks and high logistical costs. Another disadvantage was that there were often supply shortfalls in the offer of conventional semen.

GGI and its member organizations have accepted the challenge to plan and realize a laboratory location in Germany. Cloppenburg was chosen as the laboratory location where GGI German Genetics International GmbH is based as well. Cloppenburg is located geographically favorably for the GGI member organizations which is an important factor for all delivering studs regarding fresh semen logistics. The location is also advantageous regarding aspects of epidemic and infection prevention. Not least, there is the partner GGI that enjoys lots of confidence of its member organizations.

A new leaf is being turned over in Germany now in the field of sexed semen. Semen of promising, young, genomic bulls and valuable, proven, popular sires can be sexed in the shortest possible time from now on in order to have available adequate quantities for the breeders. ♦



Lab assistants on flow cytometry (MoFlo) monitoring the sorting process

sorted semen of valuable German bulls in sufficient quantities and of a constantly high-level quality worldwide. Our sexed semen is currently produced in the latest state-of-the-art sexing laboratory worldwide according to highest quality parameters so that it justifiably deserves the title "Made in Germany".

In October 2012, the first semen sexing laboratory in Germany started its production in Cloppenburg. In co-operation with international specialists, a laboratory was built within just four months which is in compliance with all wishes that we had for this modern process. In this facility, a committed team works with the most recent sexing equipment in the world in order to fulfill the high requirements regarding purity, quality and hygiene.

Semen sexing is sorting of sperm that either pass on the

So far, marketable sexed semen of German bulls had to be produced abroad which added to extensive costs. Depending on location of the studs and



Germany on pole position with the latest state-of-the-art sexing facility worldwide

Billard 676026 TLTVTY

(Billion 3 x O-Man x Durham x K Prescott)

aAa: 321465

Billard is the highest newcomer in the April top list of daughter proven sires and, once again, proof of the quality of the German genomic breeding value estimation. The first 80 daughters bestow him a breeding value that corresponds to the genomic figures whereas the actual production predisposition is even clearly above the expected values. Billard is a production improver as he has more than +2,000 kg milk with neutral protein transmission. However, the list of his advantages is not finished here at all. Besides extreme production transmission and solid conformation, Billard does not leave anything to be desired regarding fitness and functionality traits. The figures for udder health and daughter fertility are clearly above the average and therefore have a wide influence on his excellent values for longevity. Billard is out of one of the best O-Man daughters worldwide, Stutter EX 90, and successfully combines production and fitness in his linear so that his daughters will develop into highly productive cows known for longevity and to earn money with.



	88	100	112	124
Dairy Type (Index)				105
Body (Index)				117
Feet & Legs (Index)				100
Udder (Index)				107
RZE (Index)				110

Juno 148079 TLTVTY

(Jardin x Zenith x Lukas x Aerostar)

aAa: 231456

Juno debuted strongly in April. The son of our topseller Jardin, who was born in Denmark, was already extremely popular as a genomic tested bull. Hence he enters directly the top list with information from 108 daughters which provides a very solid basis for his breeding values. This assumption was also confirmed by his very good progeny group at the show "Excellent-Schau".

Juno transmits very high protein percentages, as a typical Jardin descendant. They are coupled with moderate milk yield and very high fat percentages. This combination argues physiologically for a very steady health of his daughters. Besides excellent components, the mainly dark daughters especially excel with their feet & legs and udders. The rear leg set and cleanness of the hocks with optimal angle have to be praised. Udders are faultless. They are attached very firmly both in the fore and in the rear and do not leave anything to be desired regarding teat placement. Juno is the components sire with special qualities for conformation.



	88	100	112	124
Dairy Type (Index)				93
Body (Index)				109
Feet & Legs (Index)				122
Udder (Index)				126
RZE (Index)				127

NOG Mato 490734 TLTVTY

(Mascol x Laudan x Convincer x Airliner)

aAa: 324156

NOG Mato has been a daughter proven sire for more than one year, but he still remains extremely interesting. On the one hand, this is due to his pedigree. NOG Mato is a product from the mating of the two best bulls in Germany in the recent past. He is from the mating of the well known sire of sons, Mascol with the successful Laudan daughter WEH Jessica.

According to his bloodline, NOG Mato is an absolute fitness sire with very good udder health and daughter fertility, resulting in excellent longevity. Reason for his daughter's ability for marathons is also the persistency of the functional udders and the quality of the feet & legs, convincing especially with perfect set and bone quality. The progeny presentation in March 2012 and 2013 at the show "Rind aktuell" showed the uniform transmission of NOG Mato and how his progeny develop from heifers to second calvers. This is also proven by the steady increase of his RZE.

NOG Mato improves milk and protein production and breeds absolutely trouble-free cows that assert themselves everywhere.



	88	100	112	124
Dairy Type (Index)				108
Body (Index)				102
Feet & Legs (Index)				124
Udder (Index)				105
RZE (Index)				115

Comment on breeding values April 2013 for Holstein bulls

Guarini is the new No.1 in Germany and therefore confirms his popularity in Germany and lots of other countries. Especially the excellent daughter proven breeding values of so far genomic tested bulls are impressive in this proof run. The results of the first polled sires show that these bulls can keep up in Red Holstein breeding on a high level as well now.

Holstein

Guarini goes up following the base shift by one point with his daughters now in third lactation. He is the highest available daughter proven bull with RZG 147.

He is directly followed by the highest new-



Guarini daughter Benedikta, 2nd La

comer **Billard**. So far, he has 80 daughters, but they are all at the beginning of their first lactation. They bring this Billion out of O-Man RZM 139. His linear does not show any weaknesses. Billard is strongest for body and capacity. All functional traits are at least average with high longevity (RZN 123).

The strengths of **Mavid** are still the high components (+0.24 % fat, +0.34 % protein, RZM 137) combined with very good feet & legs (125).

In between there is the highest O-Man son **Omega**, again No.4, who added 29 early daughters from second crop.

Frosko is the third newcomer in the Top-10. He is the first German Frosty son (BW Marshall x Sand) and, internationally, by far the highest. Frosko is a strong production sire with slightly positive components (RZM 138) and good udder health (RZS 124).

NOG Mato confirms the appearance of his daughter group with his breeding values.

The heavily used genomic Stol Joc son, **Sterngold**, has daughter breeding values for the first time now and enters high. He completely lives up to expectation with RZE 120 and RZS 128. Feet & legs (126) are outstanding. It is no surprise that longevity is predicted high as well with RZN 129.

Juwel makes an excellent debut as a sire of

sons. Among his first 8 daughter proven sons, 7 rank in the top list. The highest Juwel son is Jengo (dam's sire: O-Man). **Juventus** and **NOG Jeto** do a good job whereas NOG Jeto is clearly more balanced. He combines very high milk yields (+2,225 kg, RZM 126) with strong feet & legs (129) as well as nice udders (105). Moreover, he can improve milkability (RZD 117).

Bokko is a new Billion son. Like Billard, he is out of a combination with O-Man, this time however, out of a French dam's family. He is strong for production and protein with good feet & legs.

Jelder, another German Jesther son used as a sire of sons besides Juwel, has his first and so far only daughter proven son high in the top list. **Jezani**, regrettably, is rather low for conformation with strong production transmission (RZM 134).

The first sons with daughters of Stylist – still ranking high – have arrived. The highest of the current Stylist sons for conformation is **Sillens**. He got the high components from his sire (+0.25 % fat, +0.25 % protein, RZM 118).

One of the most interesting high newcomers is **Borsati**. He was already widely used due to his genomic breeding values. With 76 daughters in production and already 50 estimated daughters for conformation, he does not disappoint with RZM 127, RZE 127 and RZS 118. With very high milk production (+1,728 kg), the Borsati daughters have excellent udders (127). Furthermore, they are of above average size and equipped with lots of strength and depth. This was probably also due to his dam, a full sister of Omatido. Borsati is Brachyspina negative.

The new Bolton sons **Lavish** and **Bodrum** are interesting. Gen-I Beq Lavish descends via Goldwyn from the famous Lila Z EX 94. His strengths are very good udders (127, RZE 120), outstanding udder health (RZS 121) and highly positive protein (+0.20 %, RZM 124). His production breeding values are



Bokko daughter Lizzy

based on 134 daughters.

Bodrum is by far the highest Bolton son for conformation with RZE 137. For udders, he is actually the highest daughter proven sire with 143 what he already proved at the All-European Championship in Fribourg, Switzerland. With a figure of +1,907 kg, Bodrum transmits very high milk production with somewhat lower protein (RZM 120).

There are now 34 sons of **Jardin**. The highest ranking is **Jugador**. Definitely interesting is the new Jackknife as well as Juno. **Jackknife**



Jugador daughter Jolanda

is a very good all-rounder. He is out of the full sister of Nidall (O-Man x Mtoto). **Juno** is the highest Jardin son for conformation with RZE 127 (udder 126, feet & legs 122). He is out of a Danish cow family and his pedigree includes Zenith and Lukas in the maternal sire line-up. He got the outstanding protein of +0.26 % from sire Jardin, but he is also high for fat with +0.36 % (RZM 122). His figures are very reliable with 108 daughters.

Widar and **Wasiki** are two new high ranking sons of the Italian Durham son Watha in the top list. Widar is the highest of 4 full brothers out of Aquila O-Man Virgin. All of them have high RZG. The older full brother **Warner** who already has a second crop, wins for conformation and is the best of these four here.

Among more than 50 daughter proven Baxter sons, **Bradon** may attract interest. The dam is the well-known Clear-Echo Ramos 1200 EX 94. 99 daughters in milk lift Bradon's breeding value for production to RZM 122 with almost 2,000 kg milk. The tall Bradon daughters have lots of substance and a nice dairy type. The udders in particular, are clearly above average in the rear (RZE 124).

The new **Pagnolo** and **Pastewka** are the only two high ranking Pagewire sons. They have almost identical values. **Manzini** is by far the highest of the Mac sons. For conformation in particular, he beats the pants off his half brothers with RZE 130. With dam's sire O-Man, one might not expect this, but the dam is not just any O-Man, but the half sister

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Current proofs of daughter proven GGI top

Further information: www.ggi.de

	Name	Herdbook-No.	Interbull-No.	Sire	Dam's Sire	Milk-kg	Fat-%	Fat-kg	Protein-%	Protein-kg	RZM	Rel. RZM in %	Daughters	Herds	Dairy character	Body	Feet & Legs
HOLSTEIN	Guarini	811141	DEU 000580675108	Goldwyn	O-Man	+1167	-0,06	+41	+0,19	+59	131	96	151	73	106	119	106
	Billard	676026	DEU 000535272163	Billion 3	O-Man	+2041	-0,20	+62	+0,00	+70	139	89	80	70	105	117	100
	Omega	802670	IRL 272004770562	O-Man	Manat	+1051	+0,31	+74	+0,24	+60	136	96	162	59	81	98	106
	Mavid	674596	DNK 004199601209	Mascol ET	Eminenz	+876	+0,24	+60	+0,34	+64	137	97	262	220	95	95	125
	Frosko	840929	FRA 002921633119	Frosty	Shottle	+1766	+0,04	+77	+0,03	+63	138	88	80	47	102	103	99
	NOG Mato	490734	DEU 000351002737	Mascol ET	Laudan	+1016	-0,11	+31	+0,13	+48	123	92	88	39	108	102	124
	Bandini	811215	NLD 000449373745	Billion 3	Morty	+1806	-0,27	+45	-0,03	+58	130	94	112	94	90	106	118
	Gunnar	804049	DEU 001500838492	Goldwyn	Ford	+1259	-0,13	+38	+0,07	+50	125	95	119	50	119	113	111
	Sterngold	676534	DEU 000535278625	Stol Joc	Shottle	+1274	-0,15	+36	-0,06	+38	117	88	77	62	100	100	126
	Jugador	811214	ITA 01990478137	Jardin	Finley	+2089	-0,46	+35	+0,05	+76	139	90	76	56	105	118	112
	Leko	811087	NLD 000425598456	Laudan	Jocko Besn	+1615	-0,24	+41	-0,03	+51	126	95	111	56	105	110	127
	Jengo	636002	DNK 003372303839	Juwel	O-Man	+2096	-0,39	+43	-0,19	+50	125	88	55	40	91	85	114
	Goldday	635357	NLD 000475750563	Goldwyn	O-Man	+949	-0,18	+21	+0,08	+40	117	93	100	70	120	126	118
	Omatlido	673730	DEU 000579542620	O-Man	Aaron	+986	-0,12	+28	+0,23	+57	128	93	100	70	86	105	119
	Bokko	331590	NLD 000496356034	Billion 3	O-Man	+1311	-0,07	+46	+0,12	+57	131	92	118	100	101	108	119
	Bobas	840609	NLD 000350854757	Dutch Boy	Novalis	+2032	-0,42	+36	-0,04	+65	132	99	3184	745	108	93	102
	Jezani	148096	ITA 017990698284	Jelder	Lancelot	+1948	-0,44	+32	+0,01	+67	134	92	130	108	92	94	104
	Minos	331041	DEU 000350840104	Mascol ET	Serono	+1150	-0,24	+23	+0,22	+61	130	96	153	131	103	101	103
	Stylist	632644	NLD 000295614731	Steven	Gibbon	+864	+0,04	+40	+0,26	+55	129	99	33199	8424	108	87	112
	Juwentus	840928	DNK 000663196060	Juwel	Manager ET	+2103	-0,39	+43	-0,16	+53	126	92	121	55	80	94	116
	NOG Bero BY	490777	NLD 000490916180	Bolton	Best	+1808	-0,10	+63	+0,01	+63	135	92	85	47	108	111	121
	Gorch Fock	674940	DEU 000350318046	Goldwyn	Marshall	+1497	-0,15	+45	+0,03	+53	128	95	148	113	111	103	103
	Borsati	811243	DEU 000535421312	Bolton	O-Man	+1728	-0,23	+46	-0,05	+53	127	89	76	46	108	126	103
	Bendix	840944	FRA 002921633130	Baxter 2	Ford	+1528	+0,13	+76	+0,03	+55	133	88	74	45	106	116	110
	Tunderbolt	505726	USA 000062188536	Titanic	Convincer	+2199	-0,30	+57	-0,11	+62	133	94	97	81	110	103	113
	Omjet	673219	DNK 002371401544	O-Man	Winchester	+821	+0,36	+69	+0,20	+48	129	96	173	139	82	106	102
	Sesterz	567451	DEU 000115189928	Shottle	Adam II	+1713	-0,25	+44	-0,09	+48	124	95	129	53	104	121	100
	Lavish	331655	CAN 000104852712	Bolton	Goldwyn	+823	+0,04	+37	+0,20	+48	124	91	134	101	115	105	101
	Jackknife	676470	DEU 000535175491	Jardin	O-Man	+773	+0,08	+40	+0,18	+44	122	89	86	81	79	110	108
	NOG Jeto	490920	DEU 000116481642	Juwel	Laudan	+2225	-0,43	+43	-0,20	+53	126	88	71	45	107	81	129
	Juno	148079	DNK 003424202378	Jardin	Zenith	+422	+0,36	+52	+0,26	+39	122	92	108	94	93	109	122
	Lonar	811067	DEU 000439789696	Laudan	Design	+922	-0,12	+26	+0,02	+33	114	97	385	205	127	102	118
	Mendez	811139	DEU 000813449519	Mascol ET	Jesther	+1765	-0,36	+34	-0,08	+51	124	95	112	57	96	103	119
	Elenus	567486	DEU 000535086804	Encino	Riverland	+1274	-0,05	+47	+0,08	+52	127	91	83	66	94	88	110
	Widar	811265	DEU 001273400080	Watha	O-Man	+1740	-0,49	+19	-0,03	+56	125	90	78	47	101	119	110
	Bodrum BY	676321	DEU 000535421322	Bolton	Shottle	+1907	-0,17	+60	-0,25	+38	120	91	80	67	121	116	109
	Elsass	145546	LUX 000198596208	Encino	Titanic	+1076	-0,07	+37	+0,12	+49	125	96	158	134	105	107	115
	Santis	804054	ITA 020990212075	Shottle	Zecher	+1426	-0,03	+55	-0,05	+43	123	94	98	48	106	103	92
	Sheffield	674370	DEU 000662670076	Shottle	Jesther	+1379	-0,03	+54	-0,04	+43	123	95	133	99	110	107	117
	Mace	674933	NLD 000473562199	Mascol ET	Marshall	+1078	-0,10	+34	-0,09	+28	111	94	105	92	104	84	123
	Bradon	331874	USA 000064633901	Baxter 2	Ramos	+1938	-0,41	+35	-0,16	+48	122	91	99	76	121	126	107
	Radon BY	672586	USA 000061757519	Ramos	Manfred-ET	+976	-0,05	+35	+0,08	+41	119	99	1431	840	95	111	118
	Manzini	811244	DEU 001500151755	Mac	O-Man	+970	+0,00	+40	-0,15	+18	106	91	88	41	115	106	118
RED HOLSTEIN	Selono	599426	DEU 000116132766	Spencer 2	Achtung	+1475	-0,23	+41	+0,12	+62	129	84	43	38	96	93	114
	Laron P	923151	NLD 000497740632	Lawn Boy	Shottle	+1198	-0,12	+39	-0,02	+39	115	80	19	17	109	101	110
	Tableau	916966	DEU 000768555470	Talent2	Faber	+1109	-0,34	+16	+0,18	+54	121	97	266	211	106	92	116
	Levant	926884	DEU 000662992184	Lawn Boy	Classic PS	+2138	-0,46	+44	-0,11	+62	128	89	95	73	109	96	103
	Jerudo	922393	DEU 000113878473	Jerom	Rudolph	+923	+0,19	+55	+0,14	+44	121	99	2626	1224	106	109	107
	Malloy	917250	DEU 000351415903	Malvoy	Talent2	+2258	-0,68	+27	-0,20	+57	122	87	71	63	112	110	118
	La Crosse	297829	USA 000135246025	Colby-Red	Dutch Boy	+1766	-0,41	+35	+0,09	+69	132	93	76	51	106	111	104
	Serano	916998	DEU 000580143937	September	Stoll	+1418	+0,07	+66	-0,08	+41	120	96	300	199	104	90	104
	Carem	917223	DEU 000535225420	Carmano	Colby-Red	+1244	-0,21	+33	-0,08	+35	112	87	54	39	112	113	122
	Caramel	917174	DEU 000534930167	Carmano	Modest	+1685	-0,61	+12	-0,13	+46	114	88	65	58	116	117	113
	Emdaru	597783	DEU 000116122747	Elayo	Talent2	+1865	-0,62	+18	-0,03	+60	124	93	111	83	106	108	103
	Kiska	916934	NLD 000390479273	Kian	Ronald	+732	+0,15	+43	+0,17	+40	117	94	189	145	81	97	117
	Carmano	915758	DEU 000578889436	Cadon	Lay Out	+491	-0,07	+15	-0,01	+16	98	99	20079	5993	110	102	129
	Cando	917160	DEU 000580694281	Carmano	Faber	+1148	-0,34	+18	-0,11	+29	106	89	75	64	108	101	105
	Calvados	917237	DEU 000580685561	Carmano	Reno 2	+938	-0,13	+28	-0,02	+30	108	89	82	60	111	98	121
	Lightway	923004	NLD 000491286628	Lightning	Ronald	+638	-0,21	+9	+0,18	+37	111	82	28	21	94	100	116
	Kanzler	597108	DEU 000768305280	Komtur	Stoll	+582	+0,45	+62	+0,12	+30	114	97	423	231	94	102	122
	Kairo	922475	NLD 000368449686	Kian	Lentini RC	+631	+0,23	+46	+0,27	+44	120	93	85	65	98	102	108
	Ruleto	916920	USA 000798414145	Rubens	Lightning	+1266	-0,19	+35	-0,01	+43	117	99	984	593	99	115	114
	Tapas	917033	DEU 000580285980	Talent2	Lentini RC	+2176	-0,59	+32	-0,05	+69	131	94	117	105	103	98	102
	Melrose	917217	USA 000065283054	Malvoy	Salto RC	+1202	-0,35	+19	+0,00	+41	113	88	55	47	101	94	115
	Edway	597775	DEU 000580498163	Elayo	September	+532	-0,02	+20	+0,09	+26	105	94	124	103	102	112	118
POLLED RH H	FiveStar P	674580	USA 000137936371	F B I	Mr.Ships	+1708	-0,22	+46	-0,10	+47	124	94	108	75	95	98	100
	Laron P	923151	NLD 000497740632	Lawn Boy	Shottle	+1198	-0,12	+39	-0,02	+39	115	80	19	17	109	101	110
	Lawyer P	917149	USA 000138818382	Lawn Boy	Tribute	+873	-0,26	+14	-0,08	+23	102	86	68	61	108	86	106

Abbreviations: RZM= Production Index; Rel.% RZM= Reliability Production Index; RZE= Total Conformation Index; RZR= Daughter Fertility Index; RZS= Somatic Cell Count (Index *-1);

Calving ease: * below average; ** good; *** easy

sires (April 2013)



Udder	RZE	RZS	RZN	RZR	RZFit	RZG	Calving ease	aAa	Name
127	125	128	124	111	129	147	***	312546	Guarini
107	110	112	123	106	n.a.	145	**	321465	Billard
93	95	113	125	110	127	143	**	513462	Omega
98	108	114	111	108	125	142	***	531462	Mavid
108	105	124	110	100	n.a.	139	*	135246	Frosko
105	115	117	123	112	129	138	***	324156	NOG Mato
102	109	111	119	105	118	137	*	135246	Bandini
128	128	106	117	112	128	137	***	342156	Gunnar
114	120	128	129	100	n.a.	136	***	243156	Sterngold
111	118	99	97	102	n.a.	136	*	126345	Jugador
107	119	118	120	94	128	136	***	651243	Leko
106	104	112	124	104	n.a.	135	***	342561	Jengo
123	132	108	123	116	127	135	***	234165	Goldday
110	114	121	110	99	118	135	**	432516	Omatido
100	111	103	113	104	n.a.	134	***	531426	Bokko
88	92	117	119	99	113	134	**	123564	Bobas
109	104	120	111	93	n.a.	134	**	n.a.	Jezani
102	103	115	119	99	118	134	*	651423	Minos
102	104	105	123	87	115	134	**	513624	Stylist
102	103	121	112	106	n.a.	134	**	n.a.	Juventus
113	122	94	109	85	106	133	**	435126	NOG Bero
122	117	110	117	95	117	133	**	234165	Gorch Fock
127	127	118	113	94	n.v.	133	*	312456	Borsati
99	109	109	109	99	n.a.	133	*	n.a.	Bendix
100	108	116	105	96	109	133	**	n.a.	Tunderbolt
98	99	110	117	106	114	133	**	153246	Omjet
111	113	112	119	110	119	133	**	432561	Sesterz
127	120	121	114	99	n.a.	133	**	231456	Lavish
116	113	115	113	111	n.a.	132	**	n.a.	Jackknife
105	111	100	113	99	n.a.	132	**	651243	NOG Jeto
126	127	102	110	104	n.a.	132	*	231456	Juno
121	125	119	128	104	128	132	*	615234	Lonar
102	110	113	113	105	122	132	*	135264	Mendez
111	106	115	109	99	n.a.	131	***	243615	Elenus
105	113	98	111	115	n.a.	131	***	n.a.	Widar
143	137	117	114	94	n.a.	131	*	n.a.	Bodrum
114	118	115	103	110	116	131	**	513642	Elsass
117	108	114	114	114	121	131	**	n.a.	Santis
107	115	121	110	106	124	131	*	132456	Sheffield
108	110	128	124	114	129	131	***	243615	Mace
117	124	112	115	102	n.a.	130	*	n.a.	Bradon
99	110	114	118	111	128	130	*	135264	Radon
131	130	111	124	114	n.a.	128	***	132564	Manzini
94	99	114	115	110	n.a.	135	**	n.a.	Selono
124	120	115	124	112	n.a.	133	*	234165	Laron P
119	117	107	125	96	122	132	***	234165	Tableau
120	113	98	114	101	n.a.	132	***	423651	Levant
104	108	116	114	120	119	130	***	564123	Jerudo
108	117	101	111	101	n.a.	127	*	n.a.	Mallow
103	107	107	102	93	107	127	*	234615	La Crosse
105	102	106	111	116	116	126	**	231456	Serano
110	121	111	107	117	n.a.	124	*	534126	Carem
107	117	110	109	112	n.a.	123	**	243651	Caramel
119	116	99	108	88	n.a.	123	**	342156	Emdaru
109	109	113	105	101	105	123	***	156234	Kiska
118	125	118	123	122	131	122	*	432516	Carmano
110	109	113	122	116	n.a.	122	*	n.a.	Cando
104	112	107	116	113	n.a.	122	*	432156	Calvados
112	113	118	107	111	n.a.	121	***	n.a.	Lightway
112	116	112	108	98	115	121	**	561423	Kanzler
107	108	113	108	89	110	121	**	516342	Kairo
113	118	102	105	100	109	120	**	156324	Ruleto
102	101	104	91	89	100	120	*	315246	Tapas
103	106	95	114	107	n.a.	120	***	n.a.	Melrose
123	105	126	123	111	124	120	**	423651	Edway
97	97	87	106	99	108	119	**	342156	Fivestar P
124	120	115	124	112	n.a.	133	*	234165	Laron P
123	113	106	107	107	n.a.	112	**	n.a.	Lawyer P

RZN= Longevity Index; RZG= Total Merit Index

Daughter groups presented in 2012/13



Daughter group of Borsati at "Blickpunkt Rind" in Paaren



Daughter group of Golden Way at "Hessens Zukunft" in Alsfeld



Daughter group of Tilo at "Rind aktuell" in Karow



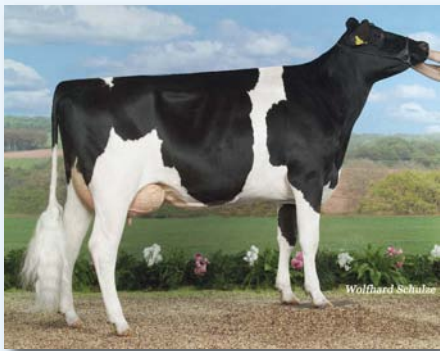
Daughter group of Mirror at "Nikolausschau" in Bismark



Daughter group of Edway at "Rind aktuell" in Karow

continued from page 7

of, amongst others, Alexander, i.e. the grand dam of the famous New-Way Patron Allie. Manzini scores particularly well for udders (131). He is strong for all functional traits and a real specialist for good milkability (RZD 127). Manzini can be used



Manzini daughter Minka

on heifers.

Laudare is an early Laurin son with very good conformation (RZE 123, dam's sire: Shottle). The Laudare daughters are very tall with lots of depth and dairy type (udder 118). With +1,100 kg milk he has neutral components.

The new **Rolfes** offers a different pedigree with Roumare x Duplex x Adam and solid figures (RZM 117, RZE 120). The same is true for **Valento** with Virzil x Riverland x Ronald.

Bandini's daughters are in second lactation now and there were only a few changes of the figures.

Moreover, there is good news for the two popular Goldwyn sons, Gunnar and Gold-day. With daughters in third lactation, **Gunnar** goes up for longevity and production (RZM 125). **Goldday** continues to write his success story with 100 daughters by improving +2 RZM points, but still with fantastic conformation.

The two Laudan sons, internationally used as sires of sons, **Leko** and **Lonar** remain constant. This is not that exciting for Leko as he does not yet have new daughters. In contrast, Lonar got 114 second crop daughters.

Omatido, **Minos** and **Sesterz** have unchanged daughters and remain constant in the Top-50.

Biarritz remains the best of the many Buck-eye sons, especially as he still is one of the sons with RZM and RZE above 120.

After wide deviations between the first proof runs, the Shottle sons are stable this time: **Short Cut**, **Shulan**, **Sherlock** and **Snooker RC**. **Bolto** improves RZM.

Comment on breeding values: Red Holstein

The highest newcomer is **Selono** with RZG 135. Selono is a Spencer out of Achtung who clearly gains for production to RZM 129 compared to his genomic figures. The second highest newcomer **Laron P** has already been used massively as a genomic polled sire and as a sire of sons. He does not disappoint with his first daughters. Laron P is absolutely constant for RZM (base shift) and the first estimated daughters get him RZE 120. He is very strong, especially for udder, with 124. Having RZS 115, RZN 124, RZR 112 as well as RZKm 110, he still peps up polled breeding.

Tableau gets second crop daughters. His figures, based on 266 daughters now, are pretty unchanged (RZM 121, RZE 117).



Tableau daughter Arabella, 3rd La

Another Lawn Boy son makes it in the top list: **Levant**. Regrettably, Levant is not polled, but he offers very good breeding values – RZM 128 and RZE 113 – that are almost unchanged compared to his genomic figures based on already 95 daughters. Levant is one of the ten highest sires for milk yield of the breed with +2,138 kg and transmits very good udders (120). Levant can be used on heifers.

Jerudo doubles his daughters to 2,626 and goes up by one point for production to RZM 121.

The next bull is the fourth newcomer and the higher of the two first daughter proven Malvoy sons, **Mallow**. Mallow descends via Talent, Faber and Estimate from the Lieutenant sister of Stormatic and, therefore, from the Laurie Sheik family. He is a great sire for milk yield (+2,258 kg). Within the linear, especially the good feet & legs as well as the rear udders stand out positively. The second Malvoy son, **Melrose** (dam's sire: Salto RC), is in the top list as well, but he is lower for RZE and RZS than Mallow.

La Crosse and **Serano** still rank high.

Serano got his first 6 daughters from second crop, though they do not influence his figures with 300 daughters from the co-test in Germany and Denmark.

Carem and **Caramel** are two new interesting Carmano sons. Carem (dam: Colby-Red x Faber) is the better bull for conformation with RZE 121, especially because of his very good feet & legs. Production transmission is great and the functional traits are completely positive. Caramel (dam: Modest x Lentini RC) is hardly second to his half brother for RZE with 117, especially not for linear. The Caramel daughters are very tall and dairy. He transmits lots of milk (+1,685 kg). In service since the autumn as fitness specialist, **Cando** remains constant with 20 new daughters. His sire **Carmano** himself is still in the Top-20 and is still the standard by which all things are measured regarding fitness.

Lightway, a Lightning son, has a very solid linear and transmits average milk yield with high protein percentage (+0.18 %) as well as good udder health (RZS 118).

The first sons of Mr. Burns have now appeared.

Mr Big descends directly from an excellent Canadian September and a Lantz before. He is by far the highest Mr. Burns son with RZE 128. The linear does not leave anything to be desired, especially for feet & legs (126).

There is a new polled sire in the list that was raised alternatively via Tribute x Celsius:

Lawyer P. Lawyer P is a very good udder sire (123) as well. However, the so far 68 Lawyer daughters are late maturing with somewhat lower substance, but lots of potential.

Emdaru goes up to RZM 124 with 21 new daughters and remains one of the highest of, in total, 51 daughter proven Elayo sons.

Among the younger bulls, **Edway** (Elayo x Maryrose EX 90) is very good with 124 daughters (RZE 126, RZS 123).

The following bulls with a second crop for a longer time do not have new daughters and, therefore, show very stable figures: **Kairo**, **Tapas**, **Taurus**, **Liek**, **Castory** and **Keel**.

It is the moment of truth for **Kiska** now with his first 57 new daughters. He is doing great.

Ruleto has almost 1,000 daughters with his second crop breeding value and remains stable for conformation (RZE 118). ♦

Edway 597775 TLTVTY

(Elayo x September x Lee x Benefit)

aAa: 423651

Edway maintained his rank in the top list since August 2012 and justifiably is the most complete Elayo son. He convinced especially with conformation which he may have inherited from his excellent dam's line. Before Edway, there are Maryrose EX 90 and Meggilee EX 91 who produced the highest classified Red Holstein in Germany: Maxima EX 94.

Edway's breeding value for production shines with good milk yield, especially through his positive transmission for protein. Other plus points are the very good udder health as well as clearly above average figures for the functional traits like calving ease and milkability. When looking at the daughters of Edway, the influence of the dam's line is unmistakable. The tall animals excel with the adequate combination of type and strength. Especially the very good hooves and the good leg set are eye-catchers. The huge popularity of Edway is based particularly on the extremely good udder transmission. They are highly and widely attached and the quality of the fore udder is the absolute highlight of the Edway daughters.



	88	100	112	124
Dairy Type (Index)				102
Body (Index)				112
Feet & Legs (Index)				118
Udder (Index)				123
RZE (Index)				126

Levant 926884 TLTVTY

(Lawn Boy x Classic PS x Origin x BW Marshall)

aAa: 423651

On his debut, Levant established himself straightaway as a daughter proven sire in the top list. He is out of a deep German cow family strong for production and conformation. Both his dam Michaela VG 86 and his grand dam Michelle EX 91 made a positive appearance several times as bull dams and descend from the famous Burket Falls Elevation Sophia EX 93.

The biggest strength of this excellent heifer bull is transmission for milk yield. Despite the very high production, Levant's breeding value for udder is perfect. Teat length has to be praised here especially as being in opposition to the general tendency – is clearly positive and, therefore, is a novelty in this region of the top list regrettably. Levant's conformation quality was proved at the show "WEU-Konvent". The daughters showed the advantages of their sire's characteristics particularly in the udder and feet & legs. Levant is one of the most interesting newcomers in April as an improver of production and because of his interesting bloodline. The only drop of disappointment unfortunately, is the fact that his sire did not pass the polled gene on to him.



	88	100	112	124
Dairy Type (Index)				109
Body (Index)				96
Feet & Legs (Index)				103
Udder (Index)				120
RZE (Index)				113

Most frequently used bulls in 2012

The German Cattle Breeders Federation (ADR) published, as in every year, the most frequently used bulls in Germany in 2012.

The list of Holsteins, with the first 4 ranks being occupied by GGI bulls, has a new clear leader: Gunnar, having almost 60,000 first inseminations. No.2 is Guarini, a second newcomer. Lonar, top seller and longevity specialist is in the top list for the fourth time, still ranking on No.3. Last year's No.1 Samburu ranks in the upper places again this year and is now No.4. The outstanding performances of German

Red Holstein breeding is shown by the list of the most popular Red Holstein bulls in Germany. The Top-10 is completely filled by GGI sires. Tableau is the leader of the list, as last time. Taurus jumped towards the top and is now No.2. Jerudo, the outcross sire, ranks No.3.

Holsteins	1 st ins.
Gunnar	58,024
Guarini	36,032
Lonar	35,013
Samburu	31,111
Schaffner	29,393

A special feature this year, Desk and Dertour, are the first genomic bulls in the top list.

Red Holsteins	1 st ins.
Tableau	24,995
Taurus	13,107
Jerudo	9,752
Malvoy	9,040
Kairo	8,514
Carmano	8,226
Desk	7,587
Dertour	7,560
Selayo	6,969
Tonikum	5,396



Current proofs of GGI top genomic sires

Further information: www.ggi.de

HOLSTEIN

Name	Herdbook-No.	Interbull-No.	Sire	Dam's Sire	Milk-kg	Fat-%	Fat-kg	Protein-%	Protein-kg	gRZM	Rel. gRZM in %	Dairy character	Body	Feet & Legs	Udder	gRZE	gRZS
Borussia	619018	DEU 001602887847	Butch	Ramos	+1658	+0,18	+87	+0,22	+80	149	73	96	98	113	106	108	124
Big Point	619043	DEU 000666050471	Bookem	Man-O-Man	+1847	-0,19	+55	+0,07	+70	139	71	111	114	121	128	131	125
Sundance	679590	NLD 000882811556	Sudan	Planet	+1339	+0,35	+91	+0,18	+64	141	72	95	107	118	112	116	134
Bube ET	149986	DEU 000355165348	Beacon	Jeeves	+2130	-0,18	+67	-0,07	+64	137	73	109	104	124	111	119	108
Fanatic	333925	DEU 000354812817	Freddie	Planet	+1586	+0,01	+66	+0,05	+59	134	73	97	110	121	117	122	113
Sunkiss	679580	DEU 000354812817	Sudan	Otto	+2281	-0,15	+76	-0,05	+72	142	73	110	108	119	119	123	121
Freestyle	619054	DEU 000666143496	Freddie	Planet	+2059	-0,07	+77	-0,07	+62	136	73	95	113	110	126	123	105
Picanto	333988	NLD 000699652964	Snowman	Mac	+1484	+0,07	+68	+0,05	+56	133	73	100	103	112	132	125	135
Foster	334425	NLD 000538172882	G-Force	Mascol ET	+2035	-0,26	+55	+0,13	+83	147	71	99	115	115	108	116	110
Force	334860	NLD 000546055407	G-Force	Planet	+2115	-0,29	+54	+0,02	+74	140	71	109	108	109	118	118	128
Go Now RF	679573	NLD 000709809726	G-Force	Ralstorm	+1770	+0,02	+75	+0,14	+75	145	71	116	115	121	111	122	126
Maximum	678170	DEU 000769509874	Man-O-Man	Laudan	+1968	-0,27	+51	+0,01	+68	137	73	110	96	117	115	116	115
Simply	334346	DEU 000355698493	Shamrock	Goldwyn	+1292	-0,03	+50	+0,05	+49	126	71	107	103	114	125	123	123
Bedford	678701	DEU 000537057055	Beacon	Goldwyn	+1363	+0,13	+69	+0,13	+59	135	73	109	115	118	115	122	119
Golden One	619041	DEU 000769717111	Goldday	Mascol ET	+961	+0,02	+42	+0,28	+61	133	73	107	102	114	115	116	122
Banesto	811448	DNK 002371402371	Bookem	Xacobeo	+1436	-0,11	+47	+0,07	+56	130	71	119	107	120	133	133	117
Billstein	619006	DEU 001602485891	Billard	Ramos	+2190	-0,34	+52	+0,00	+75	140	73	103	107	109	107	110	120
Dastin	804305	NLD 000882493602	Danillo	Planet	+1413	+0,04	+62	+0,11	+59	134	73	109	116	135	121	134	107
Sternklar	679301	DNK 003233801349	Sterngold	Juwel	+1854	-0,12	+63	+0,06	+69	139	73	107	103	123	110	118	115
Boogani	804306	DEU 001501958755	Bookem	Man-O-Man	+1894	-0,27	+49	+0,01	+65	135	71	106	108	109	128	124	120
Marmor	804266	DEU 001303941239	Man-O-Man	Goldwyn	+1358	+0,21	+78	+0,24	+71	143	74	118	105	119	109	118	105
Suran	811399	ITA 097990030448	Super	Mr.Burns	+1781	-0,24	+48	+0,02	+62	133	73	109	111	121	119	125	119
Benjamin	619036	FRA 007261003835	Beacon	Toystory	+1885	-0,08	+68	+0,06	+70	140	73	110	119	118	113	122	127
Become	679316	FRA 005363797657	Beacon	Goldwyn	+2212	-0,33	+53	-0,07	+67	136	73	112	106	113	113	117	112
Blathlon	823009	DEU 001501864770	Beacon	Jeeves	+1539	+0,07	+71	-0,03	+49	129	73	113	105	118	124	126	120
Omero	811438	NLD 000898053962	Observer	Alino	+2128	-0,27	+57	-0,06	+66	136	73	109	107	109	125	122	118
Belarius	811405	GBR 340933501512	Beacon	O-Man	+1763	+0,06	+79	+0,03	+63	138	73	96	117	104	108	111	123
Babur	804294	NLD 000583729811	Bronco	Bolton	+1845	-0,27	+46	-0,02	+60	132	73	99	118	118	130	131	120
Gentleman	619022	NLD 000571345807	Gerard	Goldwyn	+1662	-0,22	+45	+0,08	+64	134	73	98	101	121	115	118	107
Beverly	678905	DEU 000537093108	Beacon	O-Man	+1563	+0,12	+76	+0,09	+63	138	73	101	112	110	112	115	100
NOG Ikaro	491159	DEU 000355188966	Altalota	Shottle	+1424	+0,14	+74	+0,05	+53	132	73	104	117	110	127	126	121
Looping	679201	DEU 000537177254	Logan	Shottle	+1885	-0,08	+69	-0,07	+56	132	73	103	117	118	109	119	125
Balotelli	334340	DNK 003001001767	Beacon	Socrates	+1803	+0,00	+74	-0,06	+54	132	73	113	100	124	117	123	115
Fabulon	334268	DEU 000354666059	Freddie	Goldwyn	+1549	-0,18	+45	+0,00	+53	127	73	97	103	128	125	127	112
Brisbane	568596	DEU 001265237671	Bowser	O-Man	+1871	-0,29	+45	+0,00	+64	134	73	93	112	108	115	115	117
Ferrari	678525	DEU 000769602080	Freddie	Goldwyn	+1327	+0,08	+63	+0,06	+51	129	73	103	105	116	123	122	112
Goldring	619048	DEU 000666099348	Goldday	Juwel	+1077	+0,14	+59	+0,13	+49	128	73	106	113	127	118	127	114
Fenchel	822474	DEU 001501857720	Freddie	Encino	+1650	-0,18	+49	+0,02	+58	131	73	86	105	119	112	115	124
Evert	823001	BEL 000410626275	Altalota	Planet	+1497	-0,06	+55	-0,01	+49	127	73	105	122	104	127	125	126

RED HOLSTEIN

Fageno	588048	DEU 000120551058	Fidji	Ruacana	+1640	+0,35	+102	+0,13	+68	141	73	101	114	115	116	121	117
Red Mist	927325	NLD 000765039581	Elburn	Spencer 2	+1447	-0,06	+55	+0,21	+69	135	73	105	106	126	111	120	118
Eragon	588047	NLD 000765039529	Elburn	Spencer 2	+1053	-0,05	+40	+0,30	+63	130	73	101	105	128	122	127	123
Elspe	917427	NLD 000719183933	Elburn	Spencer 2	+1978	-0,40	+44	+0,04	+72	134	73	101	107	120	119	122	120
Tabit	917406	NLD 000534650005	Tableau	Mr.Burns	+1934	-0,26	+56	+0,06	+72	136	73	112	101	117	117	120	98
Morris	917362	BEL 000210476234	Fidelity	Spencer 2	+1316	-0,07	+49	+0,31	+73	137	73	104	103	131	110	121	114
Desmond	917480	DEU 000537322726	Desk	Malvoy	+2139	-0,31	+59	-0,02	+71	136	74	112	105	122	127	129	97
Milkyway	917413	NLD 000543312138	Mitey	Lawn Boy	+1549	-0,03	+62	+0,11	+63	132	73	112	100	114	114	116	124
Lanzarote	917450	DEU 000536638190	Laron P	Mr.Burns	+1725	-0,37	+37	-0,02	+57	125	73	109	110	123	119	126	121
Ellmau	917425	DEU 000354165497	Elburn	Carmano	+1432	-0,14	+47	+0,04	+52	124	73	104	109	120	119	123	128
Geert	917341	NLD 000528108947	Fidelity	Spencer 2	+1063	+0,25	+66	+0,32	+65	135	74	90	102	122	109	114	111
Attika	917417	DEU 000537134723	Axon-Red	O-Man	+1392	+0,14	+71	+0,17	+64	134	73	93	103	106	112	109	103
Can Be	917430	BEL 000210627606	Camary ISY	Carmano	+1390	-0,11	+48	+0,04	+52	124	73	102	106	116	120	120	139
Target	917448	DEU 000537473055	Tableau	Ramos	+1654	-0,29	+42	+0,00	+56	125	73	109	96	122	120	121	115
Lacoste	924708	DNK 004181502822	Larson	Destry	+1449	+0,01	+61	+0,08	+57	129	73	120	126	115	125	132	110
Pascha Red	917468	NLD 000720661301	Savage	Spencer 2	+1550	-0,26	+41	+0,06	+58	126	73	113	99	115	114	116	118
Ladys Son	917447	DEU 000537277021	Laron P	Zabing RC	+1708	-0,20	+52	+0,01	+59	128	73	107	110	114	124	124	118
Desk	917337	NLD 000964489466	Destry	Gogo	+1114	+0,18	+63	+0,21	+56	129	73	108	107	126	115	124	107
Fiero	917351	DNK 004534802834	Fiction	Tocar	+2033	-0,07	+78	+0,08	+77	142	73	93	106	101	95	98	109

POLLED

Airy-P-Red	298158	USA 000070611185	Colt-P	Pembroke	+1727	-0,11	+61	-0,09	+50	124	71	106	99	108	123	118	119
Colour P	917470	NLD 000539446391	Colt-P	Destry	+1597	-0,26	+42	-0,01	+53	123	71	116	116	114	133	133	109
Android P	917463	NLD 000709809601	Asterix	Mr.Burns	+1216	-0,11	+41	+0,25	+64	131	71	109	94	115	113	114	99
Lamat P	588049	NLD 000931560536	Laron P	Spencer 2	+940	-0,04	+36	+0,23	+52	123	72	99	94	117	119	117	105
Elba P	917428	DEU 000537093113	Elburn	Lawn Boy	+1745	-0,46	+23	-0,02	+58	124	71	104	99	110	109	110	103
Copper P	917443	NLD 000544817324	Colt-P	Malvoy	+1320	-0,37	+22	+0,04	+48	118	71	105	98	111	129	122	107

Abbreviations: gRZM= Production Index; Rel. % gRZM= Reliability Production Index; gRZE= Total Conformation Index; gRZR= Daughter Fertility Index; gRZS= Somatic Cell Count (Index $\star -1$); Calving ease: * below average; ** good; *** easy

gRZN	gRZR	RZFit	gRZG	Calving ease	aAa	Name
121	115	n.a.	159	***	345216	Borussia
136	100	n.a.	157	***	315246	Big Point
128	110	n.a.	156	**	231465	Sundance
133	119	n.a.	154	**	234165	Bube ET
130	125	n.a.	154	***	351426	Fanatic
120	104	n.a.	153	*	n.a.	Sunkiss
129	120	n.a.	153	***	n.a.	Freestyle
132	105	n.a.	152	***	324156	Picanto
119	104	n.a.	152	**	135	Foster
127	100	n.a.	152	***	n.a.	Force
116	99	n.a.	152	**	n.a.	Go Now RF
129	114	n.a.	152	***	234165	Maximum
141	118	n.a.	151	***	234	Simply
129	113	n.a.	151	**	243165	Bedford
128	124	n.a.	151	***	342516	Golden One
131	113	n.a.	151	***	342156	Banesto
123	112	n.a.	151	***	513642	Bilstein
126	111	n.a.	150	***	n.a.	Dastin
122	107	n.a.	150	***	234165	Sternklar
127	108	n.a.	150	***	n.a.	Boogani
114	109	n.a.	149	***	432516	Marmor
128	107	n.a.	149	**	132546	Suran
116	100	n.a.	149	***	321456	Benjamin
123	116	n.a.	148	***	243165	Become
129	115	n.a.	148	**	n.a.	Blathlon
123	106	n.a.	148	***	324156	Omero
124	110	n.a.	148	***	423156	Belarius
121	113	n.a.	148	**	354162	Babur
125	114	n.a.	148	***	324156	Gentleman
125	114	n.a.	148	***	324156	Beverly
122	115	n.a.	147	*	432561	NOG Ikaro
130	105	n.a.	147	*	243156	Looping
130	101	n.a.	147	**	234165	Balotelli
122	124	n.a.	147	**	243	Fabulon
126	113	n.a.	147	***	423561	Brisbane
123	125	n.a.	147	**	321456	Ferrari
125	119	n.a.	147	***	324156	Goldring
120	121	n.a.	147	***	432156	Fenchel
125	126	n.a.	146	***	n.a.	Evert
124	107	n.a.	152	***	n.a.	Fageno
125	108	n.a.	149	**	243	Red Mist
128	108	n.a.	149	**	n.a.	Eragon
124	100	n.a.	147	*	243615	Elspe
123	98	n.a.	144	***	342516	Tabit
113	97	n.a.	144	**	432516	Morris
116	98	n.a.	143	*	n.a.	Desmond
118	103	n.a.	142	***	321456	Milkyway
123	112	n.a.	142	*	132564	Lanzarote
126	109	n.a.	142	*	231456	Elldau
117	96	n.a.	141	*	342516	Geert
116	114	n.a.	141	***	n.a.	Attika
122	107	n.a.	141	**	312456	Can Be
127	102	n.a.	140	***	135164	Target
113	114	n.a.	140	**	n.a.	Lacoste
122	111	n.a.	140	***	n.a.	Pascha Red
118	105	n.a.	140	*	321456	Ladys Son
118	105	n.a.	140	**	312546	Desk
111	101	n.a.	140	**	n.a.	Fiero
123	116	n.a.	140	***	n.a.	Airy-P-Red
121	115	n.a.	140	**	234165	Colour P
114	106	n.a.	137	***	231456	Android P
119	108	n.a.	135	**	n.a.	Lamat P
122	110	n.a.	134	**	153642	Elba P
119	119	n.a.	134	***	243165	Copper P

gRZN= Longevity Index; gRZG= Total Merit Index

Comment on genomic breeding values

Since December, there is a total of 96 new bulls in the top list. Among them there is the new No.1 of the Red Holsteins: Fageno. Moreover, the list shows a lot of changes on other ranks because of one third of new bulls in the Top-25.

Holstein

The early Bookem son **Big Point** benefits from the changes in the estimation method and gains 3 RZM points (base shift) to 139 (RZE 131, RZS 125, RZN 136).

Another sire of sons has a very successful debut: Sudan. His highest son is **Sundance**. His grand dam is WIT Ricky, the full sister of Guarini who is No.1 of the daughter proven bulls.

Bube went up clearly for production and longevity. One of the most popular genomic sires who was also used internationally as a sire of sons is the Freddie son **Fanatic**. His popularity is not only due to his RZM and RZE, but also his RZN and especially his fantastic daughter fertility. **Sunkiss**, a second Sudan son, makes it in the Top-10 (dam's sire: Otto). He is balanced with lots of milk (+2,281 kg) for conformation and fitness.

There are several good sons of Freddie, but he has not only a high, but also a really special son: **Freestyle**. Freestyle transmits +2,059 kg milk and this with almost neutral components. The nice linear shows Freestyle as udder specialist. The combination of high production and good daughter fertility is outstanding. **Foster** is the highest production sire with RZM 147 of the G-Force sons and the only bull at all that combines more than 2,000 kg milk with more than +0.05 % protein (+0.13 %). Transmission for conformation is solid in every way. **Force** is out of Planet and transmits very similar with somewhat lower RZM level, but a little higher for conformation. Force is especially good for udder health and longevity. **Go Now RC** is the highest G-Force for conformation. Transmission for production and udder health are attractive. Special is that he is a red carrier.

The sons of the highest genomic sires of sons are showing more and more dominance. There is the first Shamrock son in the Top-20 now. **Simply** is excellent for longevity and, with RZN 141, the No.1 in der top list. **Sumo** is the very first Supersonic son out of Snowman Kanu.

The highest Goldday son remains the well-

known **Golden One**, but the highest new half brothers are coming straight behind him. **Golding** stands out with high components, more than 1,000 kg milk, good feet & legs and high longevity.

There are new sons of Altalota. However none of them can keep up with **NOG Ikaro**, but **Evert** has only one point less with gRZG 146. Evert is out of the Lead Mae family.

Red Holstein

Fageno, the new No.1, is the highest of the Fidji sons in the genomic top list. He is a clear components sire with +1,640 kg milk and +0.35 % fat and +0.13 % protein. The linear is balanced and does not show any weaknesses.

Red Mist and his full brother **Elspe** slightly go up. After the unchanged Tableau son **Tabit** arrives **Morris** (sire: Fidelity). Morris gains, due to the changes, for RZM, RZE and RZS.

Desmond is a Desk son. His dam Dima is a highly efficient Malvoy daughter who passed her production to Desmond (+2,139 kg milk). For conformation, Desmond also excels with a fantastic udder linear and very good feet & legs.

In the pedigree of **Milkyway** and **Lanzarote**, there are polled sires, but both are homozygous polled regrettably. Lanzarote is the highest Laron P son in the top list. He is the highest for conformation with RZE 126 and he is also good for udder health, longevity and daughter fertility. **Elldau** (Elburn x Carmaro) completes the genomic Top-10.

In the top list, there are 7 heterozygous polled bulls now. The highest of them is **Airy-P-Red**. He descends from a Pembroke daughter. With RZM 124, Airy-P is especially strong for udder and longevity.

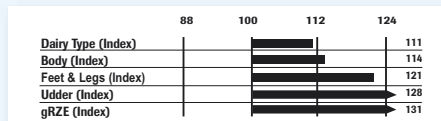
Colour P (see report on page 14) is the highest Colt-P son for overall conformation with 133 and he is very complete. On the dam's side, he descends from the Massia family. His dam is a full sister of the genomic sire Detroit. More new polled sires are Android P and Lamat P. **Android P** is polled due to his sire Asterix. Android P transmits +1,216 kg milk with +0.25 % protein coupled with solid udders and feet & legs.

Lamat P is a Laron-P son out of Spencer and is a half brother to the high ranking **Pascha Red**, **Kumo** and **Brilliant**. ♦

Big Point 619043 TLTVTY (Bookem x Man-O-Man x Goldwyn x Jocko Besne)



Through the introduction of genomic selection, new breeding cow families were identified. Other popular donor cows, in contrast, showed that they are not only able to pass their qualities to their sons. Unlike Jelykoe EX 90. She and her progeny were much sought-after in the pre-genomic era and she is still attractive with genomics. The best proof for this is Big Point. On the one hand, Big Point is an improver for production. He combines high milk yield with positive transmission for protein. On the other hand, he has excellent figures for udder health and is one of the top-class bulls of the breed regarding longevity. Reason for this may be the great grand dam Jelykoe who still produces efficiently. Really pleasing about this heifer bull is transmission for conformation as well. He is clearly above average for all main traits and his special strengths are feet & legs and udder. Big Point is an all-rounder at an extremely high level and shines with his attractive bloodline, too.



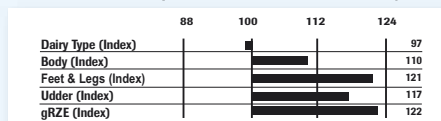
αAa: 315246



Fanatic 333925 TLTVTY (Freddie x Planet x Ramos x Shottle)



There are few bulls the word "perfect" can be used for with quiet conscience, but there is no hesitation regarding Fanatic. He is the highest Freddie son in Germany and is out of the American Larcrest Chenoa VG 87, who is currently one of the hottest cows worldwide. In turn, she is out of the fantastic Ramos daughter Crimson EX 91. There are no weaknesses in Fanatic's transmission profile. Very good milk yield as well as positive figures for fat and protein do not leave anything to be desired. The improvement of udder health, longevity and especially daughter fertility belong to Fanatic's strengths as well. Milkability as well as calving ease and calving traits have to be included in the endless list of his qualities. Finally, it has to be mentioned that he also does not have any faults in the linear and particularly excels with transmission for feet & legs. Having this completely faultless transmission and interesting bloodline, Fanatic can be used on any farm and almost any cow.



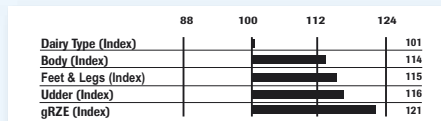
αAa: 351426



Fageno 588048 TLTVTY (Fidji x Ruacana x Ludox x Mtoto)



Fageno is the No.1 in Germany due to his complete transmission profile. At first sight, his strength is improving production, but he can also definitely shine with the other traits. Fageno is proof of the quality of German Red Holstein breeding. The "who is who" of the German Red Holsteins unifies in his pedigree: Fidji x Ruacana x Ludox. The dam's line before Fageno has been used intensively in the breeding programs for more than 15 years and already produced numerous positive sons. Fageno's breeding value for milk production is more than +1,600 kg with highly positive fat and protein percentages. In addition, good values for the conformation traits as well as very good figures for udder health and longevity are coupled, too. The good calving breeding values have to be mentioned here as well. Fageno sets new benchmarks in Red Holstein breeding with his breeding values as he improves all traits at the same time and he can be widely used due to his bloodline.



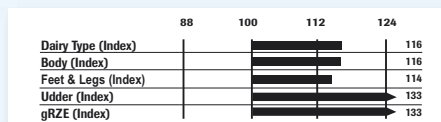
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Colour P 917470 TLTVTY (Colt-P x Destry RC x Shottle x Lentini RC)



Various reasons speak out for using Colour P. Firstly, he is polled and, secondly, he is the highest Colt-P son in Germany. Our newcomer combines Goldwyn and Shottle blood due to his prominent dam's line and makes it available for Red Holstein breeding and especially polled breeding. Colour P clearly increases milk production, coupled with sufficient protein transmission. Having good udder health, his strength in the fitness traits are daughter fertility and longevity. His linear promises the optimal combination between dairy type and strength. Moreover, he impresses also for the transmission of feet & legs whereas his absolute highlight is udder transmission. So far, polled breeding has often been a compromise, but, due to bulls like Laron P, Pheno-P-Red, Asap P, Linkin P and Colour P, not only the genetic characteristic of being polled can be linked in the population, but also normal breeding progress can be realized.



αAa: 234165



German winter shows

Seven big shows have taken place. We will give you a short report on them.

RBB

The show season began with the show "Blickpunkt Rind", a very successful show. SL Nana 23 was awarded the title of the grand champion. This cow is out of the dam of the ambitious Eleve son Elto who himself presented outstanding progeny at the show "Excellent-Schau". In Paaren, daughter groups of the second crop bull Sascha as well as two daughters from the test period each of Borsati and Manzini were shown. The framy Borsati daughters convinced with outstanding rumps and the best udders that easily produce the high milk yield. An impressive group of 5 very juvenile and promising Manzini daughters was presented. The daughters especially drew attention through their firmly and perfectly attached udders as well as excellent feet & legs. The uniform group of the outcross bull Sascha shined with uniformity and juvenileness. Feet & legs are the highlight of his transmitting qualities.

RSA

The show "Nikolausschau" in Bismark was a show with a special atmosphere in this season once again. The pre-Christmassy atmosphere was optimally presented both by the nicely decorated hall and the landscape covered with snow. This show was dominated by Mirror. His daughter Natascha impressed the judge by her appearance and juvenileness there and so the progeny champi-



The Mirror daughter Natascha impressed with her juvenileness and won at the show "Nikolausschau"

on became champion young cow as well. The progeny group of Mirror convinced with its uniformity even though the 9 heifers shown were selected from a total of only 30 calved heifers. The 1a and 1b rank in the first of the old cow classes was achieved by daughters of the conformation specialist Van Gogh who passed away too early. The No.1 ranking cow of this class enthused the judge in the final selection and became champion old cow due to her freshness and correctness.

WEU

At the beginning of this year, Marbach

daughter Loh Nastygirl shined again at the show "WEU-Konvent". She captivated all visitors and the judges through her appearance and correctness this year. The heifer category was a nip-and-tuck race of already well-known show cows. This race was between the harmonic Biggest daughter WWW Leda, the juvenile Leif daughter Haukje and last year's jackpot winner Loh Lucy. At the end, the Biggest daughter WWW Leda was a length ahead. The progeny groups left a mark here, too. The daughters of the Red Holstein sire Levant brought color to the game with their excellent udders and perfect milk yield. The daughter group of the newcomer Bokko convinced with top-class feet & legs. In turn, the second calvers of the milk yield sire Biarritz excelled with their strength and power. Finally, an impressive group of the type sire Mirror was shown.

ZBH

The judges had to make a hard decision when choosing the progeny champion at the show "Hessens Zukunft 2013". The Holstein sires were represented by Golden Way who shined with juvenileness, firmness of the udders and lots of harmony, and the production cows of Baxonato showed their efficiency with their strength. The group of the Red Holstein sire Colibri stood out with the top cow Lana. This stylish and harmonic cow was awarded the title champion of the young classes because of her excellent feet & legs and nice udder.

VOST

Match winner of the show "Excellent-Schau" in Leer was the conformation sire Alliance. 10 of his daughters were in all classes, from the first to the second oldest class. 3 progeny groups were shown. Within these, there were even two sons of German top sellers. The Jardin son Juno had a group of young heifers that convinced with their firm udders and lots of harmony. The daughters of the Eleve son Elto showed excellent feet & legs and, therefore, great locomotion. A third bull, Burion RC, was represented by a daughter group. This red carrier shines with high production and lots of body coupled with the best feet & legs.

RMV

The member show "Rind aktuell" attracted attention with a highlight. A 100,000 liter cow became grand champion. The four daughter groups were even more impressive. First of all, the Tilo daughters strong for type entered the ring and enthused the audience with enormous strength and very good udders. The long teats as desired are really special here as today they are rarely found in the linears of the insemination bulls. The six daughters of the longevity specialist Omega

demonstrated with their strength, great feet & legs and optimal rumps that he can be widely used. Furthermore, the high protein production is a real advantage. Another well-known sire was presented: NOG Mato. The eight very uniform daughters showed that NOG Mato's daughters are a great sight in second lactation as well. They excelled with their outstanding feet & legs, the very nice udders despite Mascol on the sire's line and



NOG Mato daughter Matadorin

the especially good suspensory ligament with desired teat placement. Variety was offered by the Red Holstein sire Edway. This only refers to color as the very harmonic daughters convinced the visitors with their top-class body and lots of strength and depth. The clean or excellent feet & legs with good angle and optimal pasterns were eye-catchers. The strong suspensory ligaments and great veining appealed.

RUW

As the last show in spring for now, the youngest generation of cows from the breeding area of RUW competed against each other at the heifer show for the grand champion title. German bulls were phenomenal, especially among the Red Holstein heifers. Almost half of the sires were from the German breeding program. Tableau produced two class winners. One class win was achieved by the Tableau daughter Annired. This heifer is out of the Ludox daughter out of RH Megilee and therefore out of the family of Edway, Donatelli, Liek, Lutin and Mad Max. This show was completed by the presentation of progeny of the newcomers Sterngold and a daughter group of second crop cows of the proven Radon. The five Sterngold daughters impressed with their will to milk and very good rumps. The deep animals excelled with their great locomotion. Radon's seven very uniform daughters from second crop represented the strengths of the bull regarding the excellent body and rump transmission. The clean hocks and good udders with their firmness and width stole the judge's and audience's admiration. ♦

Snapshots "EuroTier" 2012



Surprise guest at the booth.



A little recreation after a long day at the exhibition.



New friends.



Perfection in every detail.



Much work to do - also behind the curtains.



There is always a good team behind a good show - thank you!

EVENTS 2013

► June, 12th - 13th
"German Holstein Show", Oldenburg
Deutscher Holstein Verband e.V. (DHV)

► October, 17th
Show "Blickpunkt Rind", Paaren
Rinderproduktion Berlin-Brandenburg GmbH (RBB)

► October, 24th
Show "RUW-Schau", Hamm
Rinder-Union West e.G. (RUW)

► November, 25th
"Elite Auktion 2013", Hamm
Deutscher Holstein Verband e.V. (DHV)

► December, 6th
Show "Nikolausschau", Bismark
Rinderzuchtverband Sachsen-Anhalt eG (RSA)

German version
 available as PDF
www.ggi.de

