



Proof Information Autumn 2020



Whether this is your first look at Crossbreeding or you've already been doing it for some time, you are part of an ever growing group of dairy farmers that are taking advantage of the genetic diversity that is on offer. Crossbreeding is nothing new, it has been adopted as the norm by every other commercial sector in agriculture for many decades. Crossbreds dominate the land when it comes to Sheep, Pigs, Poultry and Cropping. With the increased use of sexed semen, we have seen crossbreeding rise even more dramatically in the dairy herd. We might not immediately think of it, but a British Blue, Angus or one of the many other beef breeds used on the dairy herd is still crossbreeding, and is also a great example of how exceptionally well it can work when done right. In the same way no one beef breed suits all beef systems, no one crossbreeding program suits all dairy systems.

In simplistic terms, Crossbreeding is the process of bringing different breeds together to make greater and more dramatic improvements in desired traits than can be obtained from pure breeding. This can work effectively by using both two breeds or more, the important thing is deciding which breeds will help you to achieve your goal. Hybrid Vigour is best described as a bonus of crossbreeding, not essential, but the nice bonus on the top. Don't let Hybrid Vigour be the sole reason for using additional breeds, as it is unlikely to make up for any undesirable traits being introduced as a consequence.

There is no blueprint to crossbreeding, and this is especially true here in the UK where our dairy industry is as diverse as anywhere on this planet, from farming systems to milk contracts and everything else in between. For this reason, HYVIG looks to identify your individual farm needs, and create the herd that very best suits your system, whether that means using two breeds or more. By working with HYVIG you have access to our highly experienced crossbreeding advisors, and this coupled with our industry leading genetics means you will have the very best custom-made crossbreeding program out there.



Don't settle for anything less than custom made.

Talk to us today and together we can identify the right combination to suit your farm with HYVIG. **Call 07970 717503** for more information or email **hyvig@genusplc.com**.

Liam Healy
UK HYVIG Manager



ONE SIZE DOES NOT FIT ALL.

Experience the benefits of a unique crossbreeding solution as individual as you with HYVIG. Join pioneering dairy farmers worldwide and create a herd which suits YOU.

"There's no pushing or shoving and no stress. The cows can plan their time – you can nearly hear a pin drop at times. This tells me that we have cows well suited to our high-yielding Robotic system."

Ollie Blackburn,
Dillington Estate, Somerset

Brought to you by:



**DON'T
SETTLE
FOR LESS
THAN CUSTOM-MADE**

Superior Health & Fertility

Medium sized cattle when crossed with Holsteins

Crossbreds proven in various systems around the world

Sire name	Milk	Fat kg	Fat %	Prot Kg	Prot %	UK Milk Rel	Stature	Beef Index	Mam-mary	Leg & Foot	Hoof Health	Dtr. Fertility	Mastitis	Calv-ing Ease	Gest. Length	Temp	Milk. Speed	Description
ALM 11876* RED	477	20.3	0.01	18.6	0.04	G	106	122	114	106	92	98	105	103	102	112	109	High Milk, Big F&P Kgs
NEW EIANE 12037* RED	410	17.4	0.01	17.6	0.06	G	108	96	112	97	115	109	107	122	104	104	107	Exceptional Calving Ease, Moderate Size, Great Health
ENGER 11147* RED SS	123	11.6	0.10	9.3	0.08	90	114	115	112	81	90	103	100	102	104	101	96	Great Strength, Big Solids. Son of Braut
GOPOLLEN 11078* RED	213	8.9	0.00	11.2	0.06	99	115	107	124	121	95	116	107	107	99	131	110	Worlds most popular NR
GRANMOEN 11811* RED	410	17.4	0.01	16.7	0.05	G	93	102	99	114	102	97	107	107	96	101	112	All rounder with good Production
NEW HALBOSTAD-P 12006* BLACK	746	24.3	-0.10	24.7	0.00	G	87	115	99	87	100	119	94	105	117	106	103	Unique combination of Small, Highly Productive & Fertile
NEW IHLINGEN 12046* BLACK	511	19.7	-0.02	23.3	0.10	G	99	104	112	98	104	121	103	100	110	111	92	Great Health combined, with Huge Production
NEW KLOPSTAD 12068* RED	712	26.6	-0.04	24.3	0.01	G	105	85	111	97	106	107	107	115	105	108	116	Volume Sire, with Solid Health Traits
KNAPPHOLEN 11833* RED	348	13.4	-0.01	17.2	0.08	68	104	72	113	93	119	111	110	122	133	110	103	Very Easy Calving, Great Management Traits
KOLBU-P 11872* RED	292	6.4	-0.09	14.8	0.08	G	84	114	98	100	109	135	102	111	102	89	92	Breed Leading Fertility
MAURSTAD-PP 12009* RED	242	15.6	0.09	15.3	0.11	G	101	91	112	109	107	108	118	112	150	115	102	100% Polled, Great Health Traits, Shortest Gestation

Sire name	Milk	Fat kg	Fat %	Prot Kg	Prot %	UK Milk Rel	Stature	Beef Index	Mam-mary	Leg & Foot	Hoof Health	Dtr. Fertility	Mastitis	Calv-ing Ease	Gest. Length	Temp	Milk. Speed	Description
NYMOEN-P 11060* RED	210	8.7	0.00	9.6	0.04	98	93	70	110	115	136	115	111	127	119	94	105	Well Proven, Smaller, Productive, exceptional Claw Health
OFSTAD-P 11919* RED	427	19.7	0.03	18.1	0.06	G	92	85	106	84	102	121	106	126	119	93	98	Exceptional Management Traits, with Small Bodysize
OKSJALE-P 11229* RED	635	19.4	-0.09	21.9	0.01	70	103	105	103	98	98	114	88	93	101	96	109	Proven Sire with great Production
ONSTAD-P 11819 RED	429	26.7	0.13	24.5	0.15	69	132	102	116	101	110	108	99	98	119	110	120	Massive Solids, more Stature than the average
ROEN 11690* RED	455	25.7	0.10	20.1	0.07	72	88	79	111	80	104	111	115	123	104	118	115	Great F&P Kgs, Smaller and Efficient
SLETTEBO-P 11996* RED	275	18.5	0.11	16.2	0.11	G	95	118	116	104	89	106	112	94	134	111	100	Small & Strong, with Milk Kgs & %'s
SMAAGARDA-P 11864* RED	158	11.6	0.08	10.5	0.08	G	84	110	94	100	93	127	110	111	96	110	88	Huge Fertility, Small & Strong
STORFLOR12027* RED	393	23.1	0.10	19.5	0.10	G	130	108	119	103	109	106	123	101	109	119	111	Excels across all Traits, brings Stature
NEW TJELMELAND 12044* BLACK	326	14.5	0.02	18.1	0.11	G	109	101	112	101	97	123	120	104	117	118	101	Management Trait Leader
NEW TRONDSTU 12024* RED	494	20.3	0.00	19.1	0.04	G	105	83	119	102	102	103	104	110	121	126	112	Lighter, Productive and Tidy Animals
WELVE 11938 RED	292	17.4	0.08	17.2	0.12	G	103	113	118	101	105	91	104	95	102	131	116	Strong & Milky with Great %'s

Production Proofs August 2020 AHDB Dairy; Type/Fitness from Country of Origin August 2020

Note: Under Reliability G indicates a genomic evaluation

P = Heterozygous Polled

PP = Homozygous Polled

* A2/A2

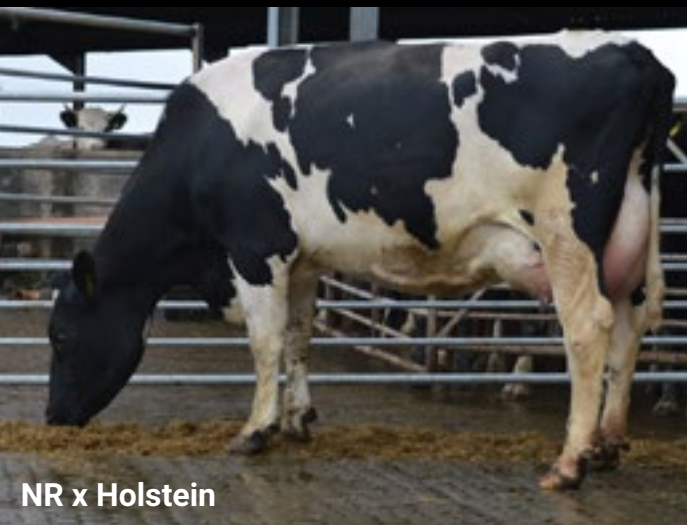
RED = Sexed Semen

SS = Sorted Sexed Semen



NR x Jersey x Holstein

HYVIG PROGENY AROUND THE GLOBE



NR x Holstein



2 & 3 Way NR x Holsteins/
Fleckvieh x NR x Holsteins



NR x Holstein



NR x Fleckvieh x Holstein



NR x Holstein



NR x Holstein



NR x Holstein

> Holstein

> All the Holsteins are selected for reducing stature, strength, an ability to maintain body condition and great management traits. They will add milk and great udders to your HYVIG herd.

	Name	PLI	Milk Kgs	Fat Kgs	Fat %	Prot Kgs	Prot %	Prod Rel	Mam-mary	Leg & Foot	Stature	Life Span (days)	Fert. Index)	Masti-tis	Lame-ness	BCS	DCE	AHI	Transition Right
Sexcel	DENOVO 7921 ATRIUM	741	476	42.4	0.27	21.1	0.06	67	0.72	1.53	-1.53	131	8.3	-3	2.5	-0.11	0.2	105	*****
	DENOVO AXWELL PP	630	330	31.1	0.21	17.2	0.07	67	0.73	0.66	-0.39	159	10.1	-2	3.0	-0.34	-0.2	106	*****
Sexcel	SEXCEL BOMAZ C3PO	658	617	34.9	0.11	23.4	0.04	67	1.54	0.43	-0.87	116	8.0	-1	2.3	0.35	0.4	103	****
Sexcel	WINSTAR EDGE-P	706	461	43.6	0.29	19.6	0.05	67	0.35	1.06	-0.65	180	11.3	-1	2.2	0.06	-0.3	106	*****
Sexcel	DENOVO 3159 GANDER	785	404	36.4	0.23	25.6	0.14	67	1.48	0.68	-0.69	137	12.8	-2	2.8	0.15	-0.4	109	*****
Sexcel	HET KEN GRAY	762	560	37.9	0.18	24.2	0.07	67	1.85	0.91	-1.02	168	8.0	-2	1.8	1.12	0.7	103	****
	ERROLSTON GRENADE	624	176	32.4	0.30	14.4	0.10	68	1.00	0.44	-0.53	104	11.3	-1	1.6	0.69	0.4	106	*****
Sexcel	DENOVO INVICTUS	764	657	38.8	0.14	25.3	0.04	67	1.29	0.98	-1.37	159	9.4	-2	2.7	0.69	-0.3	108	*****
Sexcel	PINE-TREE MERCEDES	722	514	30.5	0.11	27.2	0.12	67	0.85	1.19	-0.66	153	8.7	-2	3.3	0.54	0.9	106	*****
	ABS OUTBACK	664	631	34.4	0.1	23.3	0.03	68	0.69	1.48	-0.76	149	10.9	-1	3.4	0.36	0.0	100	****
Sexcel	KOEPON RAPTOR	770	276	34.4	0.27	19.4	0.12	67	1.41	1.89	-0.39	201	12.9	-2	3.6	1.62	0.5	111	*****
Sexcel	SANDY-VALLEY EK STRIKER	730	548	42.6	0.23	24.7	0.08	67	1.53	0.34	-0.91	156	7.4	0	2.0	0.57	0.2	101	****

Production Proofs AHDB and Holstein UK August 2020

Brown Swiss

Crossed with Holstein they reduce stature, add strength, longevity and extreme fertility

Name	Milk Kg	Fat Kg	Fat %	Prot Kg	Prot %	Rel Prod.	Type	Mam	Leg & Foot	Stature	Lifespan	SCC	Dtr Fert
HARD ROCK	153	14.6	0.12	12.4	0.10	75	0.7	1.1	-0.2	0.5	119	-14	-1.1
LORDAIN	560	17.4	-0.08	15.5	-0.06	56	0.8	1.1	0.4	0.7	7	-8	NA
NAMUR	586	29.1	0.07	16.2	-0.06	57	0.8	-0.1	1.4	0.5	-4	-8	NA
O MALLEY SS	220	18.5	0.14	11.7	0.06	56	1.9	1.9	0.7	1.2	-10	-12	NA
MEADO-BROOKE SAGES SINAI	354	11.1	-0.05	9.1	-0.05	52	-0.1	0	NA	0	6	6	NA

Production Proofs, AHDB on UK Brown Swiss Base August 2020. Type proofs Country of Origin. SS = Sexed Semen

Jersey

Crossed with Holstein they greatly reduce stature and improve components

Name	PLI	Milk Kg	Fat Kg	Fat %	Prot Kg	Prot %	# Dtrs	# Herds	Prod Rel	Mam-mary	Leg & Foot	Stature	Fert. Index	Life Span	SCC	Loco-motion	Transition Right
ALL LYNNS LISTOWEL DALTON-P	322	403	17.1	-0.08	15.8	0.00	0	0	58	0.6	0.7	0.9	0.3	91	-14	-0.4	*****
VJ HAMLET SS	363	-30	13.3	0.26	10.9	0.21	0	0	59	0.6	0.3	0.4	6.0	64	-9	NA	NA
VJ LARI SS	348	120	13.0	0.12	11.0	0.12	909	280	81	0.6	1.2	-1.0	3.7	58	-11	NA	NA
VJ LOBSTER SS	358	-15	14.5	0.26	7.50	0.14	0	0	60	-0.4	0.3	-0.1	9.4	64	-13	NA	NA
AHLEM ROCKWELL	327	385	20.0	-0.01	14.3	-0.01	0	0	61	2.2	0.9	1.3	0.0	48	-11	0.9	***
FOREST GLEN BANCROFT TATE	323	508	19.9	-0.12	18.4	-0.02	0	0	59	0.5	0.7	1.1	1.3	48	-3	-0.4	****
VJ ZUMMIT SS	402	178	18.7	0.17	13.0	0.11	960	362	93	-0.8	0	-1.1	7.3	95	-14	NA	NA

Production and Type Proofs AHDB and UK Jersey August 2020 on UK Jersey Base SS = Sexed Semen

Fleckvieh

Crossed with Holstein they provide strong cattle with good milk yields, fertility and low SCC

Name	TMI	Milk Kg	Fat Kg	Fat %	Prot Kg	Prot %	Growth Rate	% Rel	Udder Comp.	Leg & Foot	Stature	Musc.	Longevity	SCC	Dtr. Fert.	C.E.	Milking Speed	Comments
GS DROPBOX	132	992	47	0.06	30	-0.06	109	68	118	108	100	102	114	106	101	111	104	Fantastic Udders, Solid all Rounder
GS HELLSEHER	130	838	39	0.04	32	0.03	99	74	104	102	87	99	116	104	105	114	109	Big Milk Kgs, very Easy Calving
GS HELVETIUS	126	1071	50	0.06	35	-0.03	107	75	113	103	95	84	101	101	88	118	109	Huge Kgs of Solids, from Lighter Cows
GS HIERHER	126	594	28	0.04	28	0.08	100	74	112	105	89	89	109	103	109	127	110	Exceptionally Easy Calving,
GS HOFSTATT	134	1147	60	0.14	39	-0.01	108	68	125	111	108	99	106	106	93	110	118	Production Trait Leader with Great Type
GS RAZFAZ FH2C	143	1002	36	-0.06	34	-0.02	122	68	114	102	84	108	125	120	114	115	106	No.2 Globally. Exceptional Health Traits with Big Milk
GS RENEGADE	130	447	51	0.39	21	0.07	107	95	118	96	105	84	110	111	102	115	107	Kgs of Solids from %'s.
GS WALLIS	120	167	22	0.19	14	0.11	98	98	104	113	105	99	106	115	112	107	108	No Holes Bull, Great Health Traits
GS ZERO ONE	124	616	36	0.13	24	0.02	112	75	110	111	94	103	110	106	110	100	102	Lower Stature, Robust, High Fat %'s
HOFMEISTER	136	1208	33	-0.19	34	-0.1	115	64	120	114	93	102	123	106	104	110	114	Exceptional Longevity & Health, Huge Milk Volume
IVARIS	125	918	44	0.06	37	0.05	100	74	105	102	88	98	107	109	104	104	103	Shorter, Highly Productive
SPARTACUS*	133	879	29	-0.09	27	-0.05	103	74	130	120	103	92	124	111	119	119	113	Impressive Udders, and Great Calving Ease
VOLTAIRE	120	-4	41	0.53	20	0.25	109	99	108	88	109	84	85	115	95	104	87	Ideal for Manufacturing Contracts
WEISSENSEE*	134	821	37	0.03	35	0.07	103	76	113	103	98	98	120	117	102	104	106	Great Longevity, High Ranking

Proofs from country of origin August 2020

Calving Ease: 110 and higher suitable for heifers

Sexed Semen is available, please speak with one of our Breeding Advisors for more information

*A2/A2



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Montbeliarde

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Crossed with Holstein they provide strong cattle with good milk yields, fertility and low SCC

Name	PLI	Milk Kg	Fat Kg	Fat %	Prot Kg	Prot %	# Dtrs	# Herds	Prod Rel	SCC	Lifespan	Mammary	Leg & Foot	Stature	Fert Index France	C E France
HARPER	£249	144	12.3	0.09	9.5	0.07	1817	1188	96	-9	37	110	118	87	0.5	94
HELUX SS	£140	545	23.2	0.02	13.1	-0.07	2843	1798	95	0	-15	105	106	92	-0.6	91
ILAX SS	£288	247	11.7	0.03	13.1	0.07	1990	1382	79	-12	88	110	109	112	0.7	91
JEREMIAH SS	£150	209	9.6	0.02	9.9	0.04	100	88	69	7	30	116	127	102	-0.3	93
NAGUI SS	£86	109	1	-0.05	2.9	-0.01	0	0	57	-10	80	105	114	103	-0.1	93
NANOC	£146	37	8.6	0.1	4.6	0.05	0	0	57	-6	65	116	102	101	0.6	91
NAVAJO	£144	204	10.5	0.03	9.6	0.04	0	0	58	2	15	120	111	99	0	93
NIRVANVR SS	£213	197	11.1	0.05	10.3	0.05	0	0	57	-6	65	126	103	100	0.3	94
NURSEN	£151	87	6.2	0.04	5.6	0.04	0	0	57	-9	60	109	103	101	0.9	91
ODYNO SS	£185	226	8	-0.01	9.3	0.02	0	0	54	-11	35	119	103	115	0.6	91

Production Proofs, AHDB on UK Montbeliarde Base August 2020. Type Proofs Country of Origin.

SS = Sexed Semen

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Friesian

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Crossed with Holstein they reduce stature, add strength, longevity and extreme fertility

Name	PLI	Milk Kg	Fat Kg	Fat %	Prot Kg	Prot %	# Dtrs	# Herds	Prod Rel	Mam-mary	Leg & Foot	Stature	Fert. Index	Life Span	SCC	Loco-motion	BCS	Trans-ition Right	DCE
PEATREE BRYSTER	£365	301	13.4	0.01	16.4	0.09	0	0	69	0.35	0.60	0.69	-0.2	82	5	0.70	-0.24	*****	1.7
INCH DUNGANNON	£285	99	10.2	0.08	7.40	0.06	0	0	69	1.40	0.72	0.78	2.7	52	-1	0.64	-0.59	*****	1.2
GOONHILLY ELIJAH	£254	15	7.00	0.09	2.10	0.03	0	0	69	0.59	0.10	-0.24	7.3	55	-3	0.13	0.25	*****	1.6
CARRICKSHOCK GTW	£408	488	22.2	0.03	22.5	0.08	35	5	87	-0.02	0.46	-0.11	0.6	3	1	0.29	0.17	*****	0.8
DUNGORMLEY CHAD JACOB	£313	313	11.9	0.06	8.80	0.04	0	0	69	0.97	0.89	0.10	1.4	92	-1	0.87	-0.04	*****	1.0
LAKEMEAD JINGLE	£304	517	14.6	-0.08	18.7	0.02	114	30	95	1.33	0.57	2.59	-0.8	55	2	0.41	-1.09	*****	1.6
GEMINI NORSEMAN	£286	287	10.2	-0.02	8.00	-0.02	44	13	89	1.17	1.21	0.41	2.9	67	-14	0.74	0.02	*****	0.0
GOONHILLY SEB	£350	-76	16.4	0.27	10.3	0.18	0	0	69	0.97	0.62	0.84	0.5	64	2	0.37	-0.14	*****	1.1

Production and Type Proofs, AHDB and Holstein UK August 2020 on Friesian Base





Contact us to find out more:

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Email **hyvig@genusplc.com**

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