

Normande proof and price list – production and type breeding values – december 2022

	production									frame						muscle				feet & legs								
	reliability	daughters	ISU (Normande TPI)	protein lbs	fat lbs	protein + Fat lbs	protein %	fat %	milk	stature	body width	body depth	width at pins	rump angle	back line	feed efficiency	body condition	muscularity	beef value composite	rear legs side view	bone quality	foot angle	rear legs rear view	locomotion	feel & legs composite	digital dermatitis	sole ulcer	CORIS (interdigital hyperplasia)
Lamier	95	361	128	29	77	106	-0.02	0.26	931	-1.0	-1.1	-1.1	-1.2	1.2	0.0	-0.1	-0.4	-0.3	-1.2	0.5	1.9	-0.3	1.1	0.9	1.1	0.5	0.1	0.4
Landel	95	664	138	53	84	136	-0.11	-0.03	2050	-0.6	-1.0	-0.7	-1.2	-0.6	-0.5	0.3	-0.5	-0.8	-0.2	0.3	0.6	-0.3	0.2	0.6	0.4	0.6	0.5	0.0
Licorice	95	1222	129	68	66	134	0.26	0.17	1052	0.0	-0.2	0.2	-0.9	0.4	0.9	1.0	-0.5	-0.6	-1.7	1.6	-0.4	1.1	1.4	2.2	1.6	0.4	-0.3	2.6
Maanonu	95	491	140	97	112	209	0.04	-0.04	2732	-0.1	-0.2	0.4	-0.7	-1.1	-0.1	1.7	-1.9	-1.2	-1.5	-0.7	-0.1	0.5	1.0	0.5	0.4	-0.4	-0.3	-1.2
Monza	88	63	158	55	35	90	0.24	0.00	860	0.0	0.3	0.4	0.5	0.3	1.0	1.0	1.2	0.8	0.9	0.0	2.2	-1.1	0.4	0.6	0.6	0.0	0.6	1.3
Nestar	94	172	174	112	147	260	-0.04	-0.03	3507	-0.5	-0.4	-0.2	-0.1	-0.2	-0.6	2.8	0.0	0.2	1.9	0.2	0.4	-0.2	0.2	0.6	0.3	-0.2	0.6	1.7
Nintendo	84	36	137	86	84	169	0.14	-0.03	2068	0.4	0.3	-0.4	0.2	-0.8	0.2	1.6	-0.8	-0.6	-0.1	0.2	0.8	-0.7	1.1	0.2	0.6	0.2	0.6	0.7
Niville	78	16	154	26	57	84	-0.06	0.11	1016	0.0	0.6	0.4	0.6	-1.8	-0.2	0.1	1.0	0.2	1.3	0.2	0.5	-1.3	0.1	0.8	0.2	1.0	0.1	1.1
Ocasse	73		161	57	134	191	0.06	0.55	1476	0.7	1.0	0.9	-0.3	1.8	0.5	2.3	0.9	1.0	1.7	0.7	-0.2	1.8	0.2	1.3	0.8	-0.3	0.5	0.2
Olympe	72		139	68	91	158	0.41	0.48	719	0.0	-0.6	-0.6	0.4	-0.1	1.2	1.9	0.3	0.0	0.3	2.1	1.2	0.6	0.7	1.9	1.7	-0.1	0.7	0.6
Oroi	73		163	79	136	216	-0.06	0.18	2587	-0.2	1.0	0.6	0.5	0.5	0.6	2.4	0.6	1.3	1.9	0.6	-0.4	1.0	0.9	1.6	1.0	-0.7	-0.7	0.6
Paco	73		173	88	103	191	0.11	0.08	2284	1.0	-0.1	0.6	0.7	-0.7	0.6	1.9	-0.6	-1.0	0.6	1.7	-0.6	1.9	1.1	1.3	1.4	-0.2	0.7	0.9
Password	73		167	101	114	216	0.11	0.02	2567	1.4	1.4	1.4	0.0	-0.1	0.6	2.5	0.6	0.2	0.3	0.4	0.2	0.3	0.6	0.8	0.6	-0.6	0.3	1.0
Pelé	73		164	101	110	211	0.38	0.30	1839	0.4	0.1	0.5	0.5	0.0	0.8	2.9	-1.0	-0.4	0.9	1.4	0.2	1.0	1.6	1.4	1.5	0.6	0.9	0.6
Pilier*	73		170	105	145	251	0.16	0.26	2572	0.6	0.0	0.8	0.7	-1.2	0.6	2.7	-0.2	-0.5	0.1	0.5	1.4	2.1	1.2	1.5	1.5	0.4	-0.3	1.5
Portsall	72		158	123	114	238	0.23	-0.06	2838	1.0	-0.2	0.1	0.0	-0.1	0.5	2.5	-1.0	-1.2	-0.4	0.6	1.0	0.3	0.4	0.5	0.7	0.2	1.4	1.3
Reflexion	72		156	103	147	251	0.23	0.32	2277	-0.6	0.6	-0.4	-0.7	0.2	-0.4	2.8	0.0	0.4	0.0	0.2	0.4	1.7	1.8	1.9	1.5	0.3	0.5	1.4
Riddick*	71		159	64	121	185	0.03	0.31	1969	0.2	-0.7	0.2	0.0	0.1	-0.7	1.2	-1.5	-1.5	-0.9	1.4	2.2	1.0	2.2	2.7	2.5	0.3	0.4	1.4
Seagal	71		176	106	125	231	0.03	-0.06	3111	1.0	0.9	0.9	0.5	0.0	0.1	2.4	0.8	0.5	1.2	0.7	0.1	-0.9	0.7	0.2	0.4	-0.5	0.9	0.0
Smiley	66		175	75	110	185	0.03	0.16	2277	0.6	1.0	0.6	1.1	0.5	-0.4	2.3	0.9	1.3	1.8	1.1	-1.1	0.6	0.4	-0.5	0.2	-1.0	0.3	0.1

How to get semen:

Please call us at 612-823-7212 or send us an email to info@normandegenetics.com.

Orders are shipped from Wisc. in dry shippers via Speedee or Fedex ground. The cost of shipping and insurance is not included. Straws are 1/4 cc and we can sell you an AI gun.

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	udder								functionals & health																pedigree			price
	fore udder attachment	udder balance	udder depth	rear attachment	teat direction	front teat placement	ligament	udder composite	milk speed	temperament	somatic cell count	clinical mastitis	udder health composite	longevity	fertility cows	fertility heifers	calving-1st AI interval	fertility composite	sire calving ease	daughter calving ease	kappa casein	beta casein	sire	maternal grand sire	NAAB code	price		
Lamier	0.8	2.1	0.4	0.6	0.6	0.3	0.3	0.9	0.9	0.8	1.0	0.5	0.9	0.7	0.6	-0.3	-0.7	0.1	95	94	AB	A2A2	Holen Hoz	Fambrien	183N046	\$20		
Landel	1.7	1.2	0.5	0.9	0.7	0.5	0.1	0.9	0.2	-0.6	1.1	-1.2	0.2	0.8	2.2	1.1	-1.5	1.6	93	90	AB	A2A2	Handelles	Bouclier	183N045	\$21		
Licorice	1.0	1.4	0.0	1.9	1.2	0.5	1.3	1.0	-0.6	-0.1	0.0	0.6	0.3	0.6	0.8	1.5	-0.2	1.1	92	89	BB	A2A2	Iroquois	Atome	183N043	\$23		
Maanonu	1.5	1.3	0.7	1.2	1.8	2.1	1.9	1.7	0.7	-0.2	0.1	1.7	0.8	0.1	-0.1	1.0	-0.8	0.1	92	93	AB	A2A2	Fortain	Folden	183N053	\$24		
Monza	1.8	2.1	1.4	0.7	0.6	0.1	0.1	1.3	1.0	0.7	2.4	1.1	2.1	1.7	0.8	-0.2	0.2	0.5	90	91	BB	A2A2	Iffondor	Atome	183N050	\$21		
Nestar	0.7	0.9	0.0	0.9	0.0	-0.7	0.8	0.4	-0.6	0.1	3.0	0.7	2.3	0.7	0.8	0.1	-1.6	0.2	91	89	AB	A2A2	Jesse	Unnoel	183N058	\$24		
Nintendo	1.3	1.1	1.0	2.7	1.5	1.7	0.4	1.4	0.5	0.2	1.1	-0.1	0.7	0.0	0.0	-0.1	-2.3	-0.6	91	92	BB	A2A2	Jobyjoba	Holen Noz	183N056	\$23		
Niville	0.9	0.9	0.5	1.0	0.6	0.7	1.2	1.0	1.1	-0.2	1.5	0.2	1.1	1.3	1.8	1.0	0.7	1.9	91	91	BB	A2A2	Landel	Atome	183N057	\$23		
Ocasse	1.1	0.2	0.7	0.3	-0.1	0.2	0.4	0.5	-0.2	0.3	1.6	0.0	1.1	1.0	1.2	0.8	0.2	1.1	91	89	AB	A2A2	Lepanto	General	183N061	\$25		
Olympe	1.1	1.3	0.8	0.6	1.1	0.4	0.1	0.9	0.9	0.0	0.1	-0.2	0.0	0.1	-0.1	-0.4	0.4	0.0	93	90	BB	A2A2	Maneville	Fornells	183N059	\$23		
Oroi	0.5	0.7	0.8	0.5	1.5	0.3	1.7	1.1	0.8	-0.6	1.9	0.4	1.4	1.1	-0.9	-0.7	-0.2	-1.0	91	89	BB	A2A2	Fuseos Isy	Ibernatus	183N063	\$25		
Paco	0.2	1.1	1.4	1.3	1.0	0.4	0.4	1.0	1.1	0.9	2.2	1.4	2.1	1.3	1.3	0.5	-1.0	0.8	89	89	BB	A2A2	Montfort	Jolfover	183N064	\$26		
Password	1.0	1.2	0.7	1.3	0.0	1.2	0.1	0.9	-0.8	0.3	1.5	1.1	1.5	2.2	1.6	0.9	0.9	1.7	91	93	AB	A2A2	Mille DT	Folden	183N066	\$25		
Pelé	-0.1	1.1	1.2	1.4	1.2	0.8	0.4	1.0	0.1	1.2	1.0	0.9	1.1	1.1	0.4	1.1	-0.9	0.5	91	91	BB	A2A2	Manchester	Infinity	183N067	\$25		
Pilier*	0.8	0.8	0.7	1.3	0.7	1.2	1.3	1.1	0.4	0.4	1.8	0.5	1.4	1.1	1.3	0.3	0.3	1.0	91	92	AB	A2A2	Marvel	Bainville	183N068	\$26		
Portsall	0.5	0.9	1.3	2.2	1.1	0.8	1.4	1.3	1.1	0.7	1.9	0.5	1.5	0.5	0.4	-0.1	-1.9	-0.2	92	91	BB	A2A2	Nintendo	Jolfover	183N069	\$24		
Reflexion	2.2	1.1	0.9	0.8	0.8	0.9	-0.1	1.0	-0.1	-0.9	1.0	0.5	0.9	0.5	-0.3	0.9	0.1	0.2	90	89	BB	A2A2	Ghypsy	Jolfover	183N073	\$26		
Riddick*	1.3	1.6	-0.1	2.1	1.4	1.4	0.9	1.1	-0.3	0.2	1.4	0.3	1.1	1.5	1.6	0.9	0.6	1.7	92	93	BB	A2A2	Nagua	Honfleur	183N071	\$26		
Seagal	1.1	1.4	1.7	1.6	0.6	0.6	0.8	1.4	1.2	1.3	1.6	1.2	1.6	1.6	1.1	0.1	-0.3	0.8	90	91	BB	A2A2	Orfevre	Labyrinthe	183N073	\$26		
Smiley	1.1	1.3	1.8	2.2	1.6	1.6	1.0	1.6	1.1	2.4	1.9	0.5	1.5	1.9	1.5	0.8	-0.8	1.2	89	89	BB	A2A2	Ouijoli	Fuseos Isy	183N072	\$26		

*sexed semen available for \$58

prices are subject to change without notice

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Normande Genetics is an independently owned company launched in 1997 with the mission of introducing the Normande breed to North American dairies. We feel that ultra specialized U.S. dairy breeds are showing signs of functional fatigue with very low fertility and longevity in both intensive and grass-based systems. By contrast, the Normande is a wholesome cow that has retained more balanced traits such as muscularity, body condition, fertility and low grain adaptability.

For these reasons, Normande genetics have its place in any cross breeding program, whether it be in intensive or grass-based operations. While boosting strength and body condition, fertility and longevity, the Normande stands out among all breeds used in cross-breeding programs for the remarkable added value it brings. Normande cows show some of the highest components of all breeds, in addition to unique cheese and beef qualities, as well as exceptional docility.

Studies in both France and the U.S. have shown that the Normande x Holstein crosses perform better than the parent breeds, providing a higher lifetime profit than Holstein purebreds.

strength & fertility

- body condition & sturdiness: their dual-purpose qualities help Normande cows maintain excellent condition and health on very little grain or no grain.
- fertility: many studies show the superior fertility of the breed vs. other specialized dairy breeds.
- vigorous & strong calves: easy to raise calves with a good premium in both U.S. and European markets.
- docility: Normande cows and bulls are known for their excellent disposition.
- reliable genetics: close to 200,000 cows on test and many new bulls every year using the most advanced genomics and testing techniques.



added value

- exceptional components: 4.3 fat and 3.67 protein reflect the fact that the Normande has been selected for centuries for good quality butter and cheeses.
- cheesemaking: ideal milk for cheese thanks to high protein %, medium sized fat micelle, high calcium and high BB Kappa Casein prevalence (BB Kappa Casein milk yields up to 10% more than AA Kappa Casein).
- A2A2: one of the highest % of A2A2 cows of any dairy breed.
- beef quality: unique marbling and early maturing qualities for steers and cull cows finished on grass make Normande one of France's most successful beef labels.
- branding power: selling added value products means selling a story. Normande cows are the source of one of the world's most fabled cheeses, Camembert, along with other highly regarded cheeses, cream and butter, as well as marbled steaks.



Pilier

A few tips to understand our proofs

ISU = French Normande TPI = 26% production (12% F + 14% P) + 21.25% type (4.5% muscularity + 3% frame + 6.5% feet & legs + 7.25% udder) + 12.5% veal & steer value + 16% udder health (9.5% cell + 6.5% mastitis) + 13.5% fertility + 6% longevity + 4.75% milk speed

Beef value composite: 15% frame + 22.5% muscularity + 11.25% veal growth + 10% veal conformation + 2.25% veal color + 11.25% steer growth + 27.5% steer conformation

Feet & legs composite: 30% rear legs rear view + 23% rear legs side view + 20% locomotion + 16% bone quality + 11% foot angle

Sire and daughter calving ease: average equals 89. 90 is a better calving ease; 88 is less calving ease.

For only the seven criteria below, "0" is optimum.

- rump angle: + is sloped.
- back line: + is curved up.
- rear legs side view: + is posty.
- rear legs rear view: + is straight.
- foot angle: + is steep.
- udder balance: + is high rear quarters.
- teat direction: + is internal.

Functional traits: positive values are desirable for all.

aAa® numbers

Lamier.....	531426
Landel.....	345216
Licorice.....	453216
Maanonu.....	456312
Monza.....	432561
Nestar.....	354126
Niville.....	531462
Ocasse.....	432561
Olympe.....	342561
Oroi.....	435261
Paco.....	534162
Password.....	432561
Pilier.....	342156
Portsall.....	435261
Riddick.....	345216
Smiley.....	153246

semen fertility ranking

+++	Monza, Olympe, Oroï, Pelé, Pilier
++	Licorice, Niville, Ocasse, Paco, Password, Portsall,
+	Lamier, Landel, Maanonu, Nestar, Nintendo

Why crossbreeding?

Crossbreeding with Normande brings the double advantage of hybrid vigor and the use of a "strength" breed. Hybrid vigor eliminates inbreeding and seems to provide synergy for health and production traits; strength and body condition are equally important to health and fertility. Please keep in mind that a rotational 3 way cross is the best way to maintain hybrid vigor effects.

