Normande proof and price list – production and type breeding values – december 2023

	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	feet & legs composite	digital dermatitis	sole ulcer	corns (interdigital hyperplasia)
										production	**frame**					**muscle**				**feet & legs**								
Lamier	95	448	121	**18**	59	**77**	0.00	0.27	**557**	**-1.1**	-1.0	-1.1	-1.2	1.1	-0.2	-0.3	-0.2	**-0.3**	**-1.3**	0.7	1.8	-0.4	1.1	0.7	**1.1**	0.5	0.1	0.4
Landel	95	735	128	**37**	66	**103**	-0.13	-0.05	**1740**	**-0.7**	-0.9	-0.8	-1.2	-0.5	-0.4	-0.2	-0.4	**-0.9**	**-0.3**	0.3	0.6	-0.5	0.2	0.4	**0.3**	0.6	0.5	0.0
Licorice	95	1256	124	**62**	57	**119**	0.27	0.17	**845**	**-0.1**	-0.2	0.1	-0.9	0.4	0.9	0.8	-0.4	**-0.6**	**-1.8**	1.5	-0.5	1.0	1.3	2.1	**1.5**	0.0	-0.3	1.1
Maanonu	95	708	134	**90**	112	**202**	0.04	-0.01	**2603**	**-0.2**	-0.3	0.2	-0.6	-1.0	-0.3	1.4	-1.8	**-1.3**	**-1.6**	-0.9	0.1	0.4	0.8	0.3	**0.2**	-0.9	0.9	-0.5
Nestar	95	512	175	**119**	158	**277**	0.00	0.03	**3582**	**-0.6**	-0.1	0.1	-0.4	-0.7	-0.4	2.7	0.0	**0.1**	**2.0**	0.1	0.5	-0.2	0.1	0.7	**0.3**	-0.5	0.5	0.9
Nintendo	95	335	129	**77**	68	**145**	0.09	-0.11	**1976**	**0.9**	0.2	0.2	0.2	-0.9	-0.1	1.4	-0.8	**-0.4**	**-0.4**	0.8	0.9	-0.3	1.2	0.3	**0.9**	0.1	0.8	0.5
Niville	95	190	150	**42**	77	**119**	-0.02	0.14	**1333**	**0.1**	0.8	0.5	1.1	-1.5	0.2	0.7	1.4	**0.3**	**1.4**	0.5	-0.1	-1.0	0.0	0.7	**0.2**	0.5	0.1	0.7
Ocasse	72	6	154	**44**	128	**172**	0.06	0.59	**1199**	**0.6**	1.0	0.8	-0.4	1.9	0.6	1.6	0.8	**1.0**	**1.7**	0.7	-0.3	1.6	0.2	1.1	**0.7**	-0.1	0.3	0.3
Olympe	73	3	139	**68**	88	**156**	0.40	0.50	**620**	**-0.1**	-0.5	-0.6	0.5	-0.2	1.5	1.7	0.3	**0.2**	**1.0**	2.4	1.0	0.8	0.8	2.2	**1.9**	0.1	0.6	0.6
Oroi	95	199	157	**84**	134	**218**	-0.12	0.03	**2937**	**-0.1**	0.8	0.5	0.6	0.5	1.1	2.3	0.6	**1.4**	**1.6**	0.9	-0.1	1.4	1.5	1.4	**1.4**	-0.6	-0.7	0.7
Paco	73		173	**90**	106	**196**	0.06	0.03	**2464**	**0.8**	-0.2	0.5	0.7	-0.6	0.6	1.8	-0.6	**-0.9**	**0.5**	1.9	-0.3	1.7	1.1	1.3	**1.5**	0.6	0.5	1.7
Paris	74		140	**70**	77	**147**	0.06	-0.07	**1982**	**0.8**	1.1	0.6	0.8	1.0	0.1	1.8	0.6	**1.1**	**0.6**	1.2	-0.6	1.9	0.6	1.2	**1.0**	0.8	-0.4	1.1
Password	73		163	**95**	106	**200**	0.13	0.02	**2345**	**1.2**	1.4	1.6	0.0	-0.3	0.4	2.3	0.5	**0.3**	**0.1**	0.3	0.5	0.4	0.6	0.5	**0.6**	-0.3	0.2	0.5
Pelé	74		161	**92**	101	**194**	0.37	0.28	**1659**	**0.1**	-0.1	0.4	0.5	-0.2	0.7	2.6	-1.1	**-0.5**	**1.1**	1.3	0.3	1.2	1.8	1.5	**1.7**	0.4	0.6	1.1
Pilier*	74		166	**95**	136	**231**	0.15	0.29	**2343**	**0.4**	-0.2	0.7	0.6	-1.2	0.6	2.3	0.0	**-0.6**	**0.0**	0.5	1.3	1.7	1.0	1.3	**1.3**	0.7	-0.4	1.6
Portsall	73		150	**117**	99	**216**	0.21	-0.13	**2726**	**1.3**	-0.3	0.3	0.0	-0.2	0.3	2.3	-1.1	**-1.1**	**-0.9**	0.9	1.2	0.7	0.4	0.4	**0.9**	-0.1	1.2	0.9
Reflexion	73		154	**101**	145	**246**	0.25	0.37	**2174**	**-0.8**	0.6	-0.5	-0.6	0.2	-0.3	2.8	0.1	**0.4**	**-0.1**	0.2	0.2	1.8	1.7	2.0	**1.5**	-0.2	0.2	0.9
Riddick*	73		156	**48**	90	**139**	0.04	0.24	**1406**	**0.3**	-0.6	0.0	0.1	0.4	-1.1	0.8	-1.3	**-1.1**	**-0.3**	1.5	1.9	1.1	2.4	2.6	**2.5**	-0.2	-0.2	0.9
Seagal	73		157	**77**	97	**174**	0.04	0.03	**2163**	**0.7**	0.7	0.4	0.3	0.1	0.3	1.8	0.5	**0.4**	**1.0**	-0.1	-0.4	-1.0	0.5	-0.1	**-0.1**	-0.5	0.6	-0.2
Smiley	72		171	**62**	99	**161**	0.03	0.22	**1863**	**0.6**	0.9	0.5	1.0	0.5	-0.4	1.9	0.7	**1.2**	**1.7**	0.9	-1.3	0.6	0.5	-0.4	**0.2**	-0.6	0.2	-0.1

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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	2.0	0.3	0.4	0.4	0.2	0.3	**0.8**	0.7	0.7	**0.8**	0.4	0.7	**0.6**	0.5	-0.2	-0.5	**0.2**	**95**	93	AB	**A2A2**	Holen Hoz	Fambrien	183NO46	**$20**
Landel	1.4	0.9	0.5	0.8	0.6	0.4	0.0	**0.7**	0.0	-0.7	**0.8**	-1.5	-0.1	**0.9**	2.1	1.2	-1.5	**1.6**	**93**	90	AB	**A2A2**	Handelles	Bouclier	183NO45	**$21**
Licorice	0.8	1.3	-0.1	1.7	1.1	0.4	1.1	**0.9**	-0.6	-0.3	**0.0**	0.7	0.3	**0.5**	0.6	1.5	-0.3	**1.0**	**92**	88	BB	**A2A2**	Iroquois	Atome	183NO43	**$23**
Maanonu	1.4	1.2	0.5	1.0	1.8	2.1	1.8	**1.6**	0.8	-0.1	**0.1**	1.6	0.8	**-0.4**	-0.4	1.0	-1.0	**-0.1**	**92**	94	AB	**A2A2**	Fortain	Folden	183NO53	**$23**
Nestar	0.5	0.6	-0.6	0.9	0.0	-0.9	0.4	**0.0**	-0.8	0.1	**2.7**	0.8	2.2	**0.8**	0.9	0.1	-1.5	**0.3**	**91**	89	AB	**A2A2**	Jesse	Unnoel	183NO58	**$24**
Nintendo	1.0	1.2	0.9	3.0	0.9	1.4	0.5	**1.3**	0.6	0.1	**0.2**	0.1	0.2	**0.0**	-0.1	-0.2	-1.4	**-0.5**	**91**	92	BB	**A2A2**	Jobyjoba	Holen Noz	183NO56	**$23**
Niville	0.7	0.6	0.1	1.4	0.7	0.6	1.0	**0.7**	0.7	-0.3	**1.5**	-0.8	0.6	**1.4**	1.4	0.7	0.7	**1.5**	**91**	91	BB	**A2A2**	Landel	Atome	183NO57	**$21**
Ocasse	0.9	0.1	0.4	0.2	-0.2	0.0	0.1	**0.3**	-0.7	0.2	**1.3**	0.1	0.9	**0.8**	1.1	0.9	0.5	**1.3**	**92**	88	AB	**A2A2**	Lepanto	General	183NO61	**$23**
Olympe	1.2	1.3	0.3	0.4	1.2	0.4	0.2	**0.8**	0.9	-0.1	**-0.1**	-0.5	-0.3	**-0.4**	0.0	-0.4	0.3	**-0.1**	**93**	90	BB	**A2A2**	Maneville	Fornells	183NO59	**$22**
Oroi	0.7	0.5	0.7	0.4	1.2	0.2	1.3	**0.9**	1.4	-0.4	**0.6**	0.4	0.6	**1.0**	-0.9	-0.8	0.2	**-0.9**	**91**	90	BB	**A2A2**	Fuseos Isy	Ibernatus	183NO63	**$24**
Paco	0.2	1.1	1.4	1.2	0.9	0.3	0.3	**1.0**	1.2	1.0	**2.3**	1.4	2.2	**1.1**	1.2	0.7	-0.8	**0.8**	**88**	89	BB	**A2A2**	Montfort	Jolfover	183NO64	**$26**
Paris	0.5	0.0	0.1	0.5	0.2	0.8	0.8	**0.5**	-1.1	0.6	**0.6**	1.3	1.0	**0.4**	0.3	0.5	-0.5	**0.2**	**89**	90	BB	**A2A2**	Fuseos Isy	Uvray	183NO65	**$25**
Password	0.8	1.2	0.5	1.2	-0.2	1.0	-0.2	**0.7**	-0.6	0.2	**1.4**	1.4	1.6	**2.0**	1.4	1.1	1.0	**1.6**	**90**	93	AB	**A2A2**	Mille DT	Folden	183NO66	**$25**
Pelé	0.1	1.0	1.0	1.6	1.2	1.1	0.6	**1.1**	0.2	1.3	**0.9**	0.7	0.9	**0.8**	0.5	1.2	-1.4	**0.5**	**91**	91	BB	**A2A2**	Manchester	Infinity	183NO67	**$24**
Pilier*	0.6	0.8	0.3	1.2	0.4	1.0	1.1	**0.9**	0.2	0.2	**1.8**	1.0	1.6	**0.9**	1.5	0.5	0.0	**1.1**	**91**	91	AB	**A2A2**	Marvel	Bainville	183NO68	**$26**
Portsall	0.5	0.9	1.2	2.5	0.6	0.6	1.1	**1.2**	1.0	0.7	**1.3**	0.8	1.2	**0.5**	0.6	-0.1	-1.5	**-0.1**	**92**	92	BB	**A2A2**	Nintendo	Jolfover	183NO69	**$24**
Reflexion	2.1	0.8	0.6	0.8	0.7	0.8	-0.2	**0.8**	-0.1	-0.8	**1.1**	0.6	1.0	**0.2**	-0.4	1.1	0.3	**0.1**	**90**	89	BB	**A2A2**	Ghypsy	Jolfover	183NO74	**$24**
Riddick*	0.7	1.4	-0.2	1.7	1.4	1.0	0.7	**0.9**	-0.5	-0.1	**1.4**	0.4	1.1	**1.4**	1.7	1.3	0.9	**1.9**	**93**	94	BB	**A2A2**	Nagua	Honfleur	183NO71	**$25**
Seagal	0.7	1.0	1.6	1.3	0.5	0.3	0.8	**1.2**	1.0	1.0	**1.3**	0.7	1.2	**1.2**	0.9	0.3	0.6	**0.6**	**90**	91	BB	**A2A2**	Orfevre	Labyrinthe	183NO73	**$26**
Smiley	0.9	1.2	1.7	2.2	1.3	1.0	0.9	**1.5**	1.3	2.5	**1.8**	0.6	1.5	**1.8**	1.7	0.8	-1.0	**1.2**	**89**	88	BB	**A2A2**	Ouijoli	Fuseos Isy	183NO72	**$26**

*sexed semen available for $58

prices are subject to change without notice

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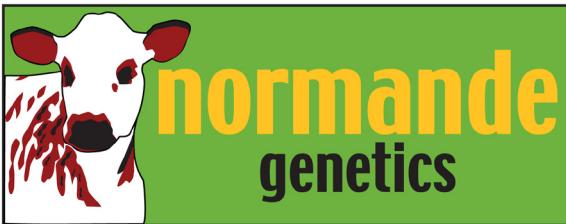
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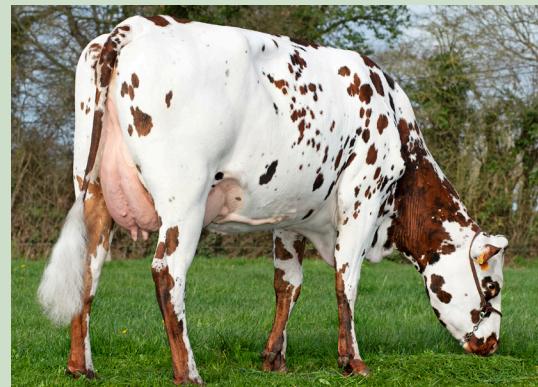
normande genetics

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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.

Nintendo daughter

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.

Paris

- 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.

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
Nestar	354126
Niville	531462
Ocasse	432561
Olympe	342561
Oroi	435261
Paco	534162
Paris	432561
Password	432561
Pelé	513642
Pilier	342156
Portsall	435261
Riddick	345216
Smiley	153246

semen fertility ranking

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

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.