

# Normande proof and price list – production and type breeding values – april 2021

	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	227	132	35	81	117	-0.03	0.23	1109	-0.9	-0.9	-1.0	-1.2	1.3	0.3	0.1	-0.4	-0.1	-1.2	0.3	1.7	-0.3	1.0	0.8	1.0	0.5	0.1	0.4
Landel	95	523	138	53	88	141	-0.09	0.00	2083	-0.5	-1.0	-0.7	-1.1	-0.7	-0.3	0.4	-0.2	-0.7	-0.3	0.1	0.5	0.0	0.3	0.8	0.4	0.6	0.5	0.0
Licorice	95	1101	132	66	62	128	0.25	0.13	1060	0.0	-0.3	0.1	-0.9	0.5	0.8	0.9	-0.6	-0.7	-1.8	1.4	-0.3	1.1	1.4	2.2	1.6	0.4	-0.3	2.6
Maanonu	95	253	143	110	121	231	0.02	-0.12	3177	-0.1	-0.6	0.3	-0.6	-1.2	0.0	1.7	-2.2	-1.5	-1.7	-0.4	0.0	0.5	0.9	0.5	0.4	-0.4	-0.3	-1.2
Marvel	95	306	149	101	86	187	0.21	-0.08	2257	1.4	0.2	1.2	1.4	-1.5	0.3	2.0	-0.9	-0.6	-1.0	-0.1	0.4	1.0	0.6	1.2	0.7	0.47	-0.3	1.5
Monza	80	22	155	57	35	92	0.24	-0.03	964	-0.1	0.1	0.2	0.5	0.3	1.0	1.0	0.9	0.7	0.4	-0.2	2.0	-1.2	0.2	0.5	0.4	0.0	0.6	1.3
Nestar*	83	35	175	112	134	246	-0.02	-0.11	3443	-0.5	-0.4	0.0	-0.1	-0.3	-0.2	2.4	-0.3	0.2	1.9	0.6	0.4	-0.4	0.1	0.5	0.4	-0.2	0.6	1.7
Nintendo	72	0	144	90	86	176	0.14	-0.05	2103	0.6	0.6	0.1	0.4	-0.6	0.1	1.6	-0.5	-0.4	-0.1	0.3	0.4	-0.3	1.0	0.1	0.5	0.2	0.6	0.7
Niville*	73	0	140	24	53	77	-0.08	0.10	983	-0.1	0.4	0.2	0.6	-1.6	0.0	0.0	1.2	0.3	0.2	-0.2	0.4	-1.1	-0.2	0.5	-0.1	1.0	0.1	1.1
Ocasse	72	0	157	59	136	196	0.08	0.58	1518	0.7	1.1	1.0	-0.3	1.7	0.4	2.3	1.0	1.2	1.4	0.8	-0.3	1.6	0.4	1.5	0.9	-0.3	0.5	0.2
Olympe	72	0	143	79	110	189	0.41	0.53	1058	0.2	-0.6	-0.5	0.4	-0.3	1.1	2.3	0.3	-0.1	0.4	2.3	1.2	0.6	0.4	1.8	1.6	-0.1	0.7	0.6
Orelia	72	0	149	42	70	112	-0.11	-0.05	1707	0.7	0.3	0.6	0.8	-1.0	0.6	0.6	1.0	0.7	-1.0	1.4	0.4	0.5	0.9	1.9	1.4	1.0	0.4	2.7
Oroi	72	0	161	81	136	218	-0.06	0.16	2629	-0.1	1.1	0.7	0.6	0.7	0.6	2.4	0.5	1.4	1.3	0.6	-0.4	1.0	0.9	1.6	1.0	-0.7	-0.7	0.6
Paco*	72	0	180	99	117	216	0.11	0.05	2559	1.0	0.0	0.8	0.9	-0.8	0.7	2.1	-0.5	-0.8	0.8	1.9	-0.8	1.9	1.2	1.5	1.5	-0.2	0.7	0.9
Paris	72	0	143	73	86	158	0.07	0.00	2042	0.8	1.1	0.5	0.8	1.1	0.3	1.9	0.5	1.1	0.7	1.0	-0.6	2.0	0.7	1.2	1.0	1.1	-0.5	1.5
Password*	72	0	167	106	119	224	0.14	0.04	2640	1.2	0.2	1.2	-0.2	-0.1	0.2	2.6	0.3	0.1	0.0	0.6	0.3	0.3	0.6	0.7	0.7	-0.6	0.3	1.0
Pelé	72	0	166	99	108	207	0.38	0.33	1718	0.3	-0.1	0.6	0.4	-0.2	1.2	2.7	-0.9	-0.3	0.8	1.3	0.3	1.0	1.4	1.4	1.5	0.6	0.9	0.6
Pilier	72	0	169	108	143	251	0.17	0.23	2611	0.7	0.3	0.8	0.8	-1.4	0.9	2.8	0.0	-0.3	0.4	0.7	1.3	1.6	1.3	1.4	1.5	0.4	-0.3	1.5
Portsall	66	0	259	125	117	242	0.24	-0.06	2836	1.1	-0.1	0.3	0.1	0.0	0.7	2.4	-0.8	-1.2	-0.4	0.5	0.7	0.6	0.4	0.5	0.6	0.2	1.4	1.3
Pylone	72	0	167	62	73	134	0.00	-0.04	1791	1.1	1.1	0.6	0.7	-0.8	0.4	1.3	0.9	1.1	1.1	2.5	-1.1	2.2	1.2	1.8	1.7	-0.5	0.3	1.4

## How to get semen:

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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	2.0	0.3	0.5	0.5	0.0	0.2	<b>0.8</b>	0.8	0.9	<b>1.0</b>	0.5	0.9	<b>1.0</b>	0.7	-0.5	-0.4	<b>0.2</b>	<b>95</b>	94	AB	<b>A2A2</b>	Holen Hoz	Fambrien	183N046	<b>\$20</b>
Landel	1.8	1.1	0.4	0.9	0.6	0.6	0.1	<b>0.8</b>	0.2	-0.6	<b>1.2</b>	-1.2	0.3	<b>0.5</b>	1.8	1.1	-1.0	<b>1.5</b>	<b>93</b>	91	AB	<b>A2A2</b>	Handelles	Bouclier	183N045	<b>\$21</b>
Licorice	0.9	1.3	0.0	1.8	1.2	0.5	1.2	<b>1.0</b>	-0.5	-0.2	<b>0.1</b>	0.6	0.3	<b>1.2</b>	1.1	1.5	0.0	<b>1.4</b>	<b>92</b>	89	BB	<b>A2A2</b>	Iroquois	Atome	183N043	<b>\$23</b>
Maanonu	1.5	1.3	0.7	1.1	1.6	1.9	1.6	<b>1.6</b>	0.5	-0.1	<b>0.3</b>	1.8	1.0	<b>0.4</b>	-0.1	0.7	-0.8	<b>0.0</b>	<b>92</b>	92	AB	<b>A2A2</b>	Fortain	Folden	183N053	<b>\$24</b>
Marvel	1.4	1.4	1.6	2.2	1.4	1.6	1.6	<b>1.9</b>	0.2	-0.8	<b>0.8</b>	0.8	0.9	<b>1.6</b>	0.0	0.6	0.4	<b>0.3</b>	<b>92</b>	92	AB	<b>A2A2</b>	Infinity	Glass	183N054	<b>\$24</b>
Monza	1.5	1.9	1.2	0.8	0.7	0.2	0.2	<b>1.2</b>	0.8	0.7	<b>2.4</b>	1.1	2.1	<b>1.5</b>	1.0	-0.6	0.0	<b>0.5</b>	<b>90</b>	92	BB	<b>A2A2</b>	Iffondor	Atome	183N050	<b>\$21</b>
Nestar*	0.8	1.4	-0.1	0.9	0.1	-0.6	0.8	<b>0.5</b>	-0.6	0.0	<b>2.8</b>	0.8	2.2	<b>0.6</b>	1.0	0.2	-1.2	<b>0.5</b>	<b>91</b>	90	AB	<b>A2A2</b>	Jesse	Unnoel	183N058	<b>\$24</b>
Nintendo	1.2	1.0	0.9	2.2	1.1	1.5	0.1	<b>1.1</b>	0.8	0.5	<b>1.3</b>	-0.2	0.8	<b>0.4</b>	0.5	0.3	-1.8	<b>0.0</b>	<b>91</b>	92	BB	<b>A2A2</b>	Jobijoba	Holen Noz	183N056	<b>\$23</b>
Niville*	0.9	0.7	0.4	0.9	0.5	0.5	1.1	<b>0.8</b>	0.9	-0.3	<b>1.1</b>	0.2	0.8	<b>1.2</b>	1.6	0.8	0.8	<b>1.6</b>	<b>91</b>	91	BB	<b>A2A2</b>	Landel	Atome	183N057	<b>\$23</b>
Ocasse	1.0	0.4	0.6	0.3	-0.2	0.1	0.1	<b>0.4</b>	-0.3	0.3	<b>1.6</b>	0.0	1.1	<b>0.7</b>	0.5	0.7	0.4	<b>0.7</b>	<b>91</b>	89	AB	<b>A2A2</b>	Lepanto	General	183N061	<b>\$25</b>
Olympe	1.0	1.3	0.8	0.6	0.8	0.4	0.2	<b>0.9</b>	0.8	0.3	<b>0.1</b>		0.0	<b>0.1</b>	0.1	-0.2	0.3	<b>0.1</b>	<b>93</b>	87	BB	<b>A2A2</b>	Maneville	Fornells	183N062	<b>\$23</b>
Orelie	1.2	0.7	0.9	1.5	0.2	0.3	1.2	<b>1.0</b>	-0.6	0.1	<b>2.6</b>		2.5	<b>1.5</b>	0.3	0.7	0.2	<b>0.5</b>	<b>92</b>	93	BB	A2A1	Mephisto	Impie	183N059	<b>\$23</b>
Oroi	0.5	0.7	0.9	0.7	1.5	0.4	1.7	<b>1.1</b>	0.9	-0.7	<b>1.9</b>	0.4	1.4	<b>1.0</b>	-1.1	-0.3	-0.3	<b>-0.9</b>	<b>90</b>	89	BB	<b>A2A2</b>	Fuseos Isy	Ibernatus	183N063	<b>\$25</b>
Paco*	0.3	1.0	1.3	1.4	0.9	0.5	0.4	<b>1.0</b>	0.9	0.9	<b>2.4</b>		2.2	<b>1.4</b>	1.5	0.7	-0.9	<b>1.0</b>	<b>89</b>	89	BB	<b>A2A2</b>	Montfort	Jolfover	183N064	<b>\$26</b>
Paris	0.6	0.1	0.3	0.6	0.4	0.9	0.8	<b>0.6</b>	-0.9	0.6	<b>0.7</b>	1.1	1.0	<b>0.2</b>	-0.1	0.3	-0.3	<b>0.0</b>	<b>90</b>	90	BB	<b>A2A2</b>	Fuseos Isy	Uvray	183N065	<b>\$25</b>
Password*	1.0	1.3	0.8	1.3	0.2	1.3	0.2	<b>1.0</b>	-0.8	0.7	<b>1.5</b>		1.5	<b>2.1</b>	1.7	1.0	0.6	<b>1.7</b>	<b>91</b>	93	AB	<b>A2A2</b>	Mille	Folden	183N066	<b>\$25</b>
Pelé	-0.1	1.1	1.2	1.3	1.3	1.1	0.6	<b>1.1</b>	0.3	1.4	<b>1.2</b>		1.2	<b>1.1</b>	0.6	1.0	-0.9	<b>0.6</b>	<b>92</b>	90	BB	<b>A2A2</b>	Manchester	Infinity	183N067	<b>\$25</b>
Pilier	0.6	0.5	0.6	1.2	0.7	1.0	1.1	<b>0.9</b>	0.5	0.6	<b>1.7</b>		1.4	<b>1.1</b>	0.7	0.2	0.1	<b>0.5</b>	<b>90</b>	91	AB	<b>A2A2</b>	Marvel	Bainville	183N068	<b>\$26</b>
Portsall	0.4	0.7	1.3	2.0	0.9	0.6	1.2	<b>1.2</b>	1.2	1.1	<b>2.0</b>		1.6	<b>0.6</b>			-1.7		<b>90</b>	91	BB	<b>A2A2</b>	Nintendo	Jolfover	183N069	<b>\$24</b>
Pylone	1.9	1.0	2.4	0.8	1.4	0.8	0.5	<b>1.6</b>	0.5	0.2	<b>2.5</b>		2.2	<b>1.8</b>	-0.4	-0.4	-0.2	<b>-0.3</b>	<b>91</b>	89	AB	<b>A2A2</b>	Ibernatus	Jolfover	183N070	<b>\$25</b>

\*sexed semen available for \$58

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prices are subject to change without notice





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.



fullblood Normande

## 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.



Pele

## 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 all 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.

## 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.

## aAa® numbers

Lamier.....	531426
Landel.....	345216
Licorice.....	453216
Maanonu.....	456312
Marvel.....	432516
Monza.....	432561
Nestar.....	354126
Niville.....	531462
Ocasse.....	432561
Olympe.....	342561
Orelia.....	342516
Oroi.....	435261
Paco.....	534162
Paris.....	432561
Password.....	432561
Pilier.....	135246
Portsall.....	435261
Pylone.....	435261

## semen fertility ranking

+++	Taureau, Monza, Olympe, Pele, Orelia, Oroï, Paris, Jorino
++	Licorice, Portsall, Infinity, Password, Loky, Niville, Pilier, Orno, Pylone, Landel, Marvel, Nesthy, Nintendo
+	Ocasse, Icarus, Paco, Maanonu, Lamier, Nestar

