













# Normande proof and price list – production and type breeding values – december 2024

	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	corns (interdigital hyperplasia)	sole ulcer	foot health composite
Lamier	95	452	116	9	48	57	0.01	0.30	271	-1.2	-1.1	-1.2	-1.2	1.1	-0.2	-0.7	-0.3	-0.4	-1.1	0.5	1.9	-0.5	1.0	0.7	0.6	0.8	0.9	-0.1	0.5
Landel	95	741	122	35	62	97	-0.15	-0.07	1676	-0.8	-0.9	-0.8	-1.2	-0.6	-0.5	-0.5	-0.5	-1.0	-0.5	0.1	0.6	-0.5	0.2	0.4	0.1	0.7	0.1	1.2	0.5
Licorice	95	1348	122	55	48	103	0.26	0.17	682	-0.1	-0.2	0.1	-0.9	0.5	1.0	0.4	-0.3	-0.6	-1.4	1.5	-0.5	0.9	1.2	2.0	1.5	0.3	0.6	-0.3	0.2
Maanonu	95	735	13	90	110	200	0.05	0.00	2519	-0.3	-0.4	0.2	-0.7	-1.0	-0.2	1.4	-1.7	-1.3	-1.4	-0.8	0.2	0.5	0.8	0.2	0.3	-0.6	-1.0	-0.3	-0.5
Nestar	95	778	167	123	161	284	0.02	0.02	3628	-0.5	-0.2	0.1	-0.3	-0.6	0.0	2.9	-0.1	-0.2	1.3	0.1	0.7	-0.2	0.1	0.7	0.2	0.5	1.3	0.3	0.6
 Nintendo	95	691	116	62	48	110	0.09	-0.12	1591	0.9	0.0	0.2	0.2	-0.7	-0.1	0.6	-0.7	-0.6	-0.5	0.7	0.7	-0.9	0.8	0.3	0.2	0.6	0.4	0.7	0.3
Niville	95	369	140	40	77	117	0.00	0.17	1287	0.1	0.7	0.6	1.1	-1.6	0.2	0.8	1.2	0.1	1.0	0.5	0.1	-0.8	0.1	1.0	0.1	0.5	-0.3	0.8	0.4
 Ocasse	95	256	155	42	125	167	0.10	0.64	948	0.3	1.0	0.5	-0.8	2.1	1.0	1.9	0.9	1.4	1.7	0.4	-0.1	1.7	-0.2	1.2	1.0	0.1	0.2	0.3	0.1
 Olympe	94	170	126	51	84	134	0.39	0.60	172	-0.2	-0.3	-0.4	0.2	-0.2	1.4	1.5	0.3	0.3	0.9	2.0	0.8	1.3	0.9	2.2	1.9	1.4	1.1	0.8	1.0
 Oroï	95	873	142	68	117	185	-0.11	0.05	2508	-0.4	0.9	0.5	0.6	0.3	0.8	1.7	0.2	1.0	1.1	0.1	0.3	1.0	1.3	1.3	1.1	1.0	0.6	-1.1	0.2
Paluel*	95	204	152	51	40	90	0.12	-0.03	1151	-0.4	0.6	0.1	-0.5	2.0	1.3	0.9	0.7	1.0	0.8	0.8	-0.5	0.7	0.5	0.7	0.6	-0.6	-0.4	0.4	-0.1
 Paris	78	17	137	64	64	128	0.07	-0.07	1712	0.8	1.2	0.7	0.6	1.1	-0.2	1.4	0.7	1.1	0.8	0.9	-0.5	1.9	0.6	0.9	1.3	1.1	0.7	-1.0	0.2
Password	88	67	157	101	101	202	0.16	-0.02	2499	0.9	1.4	1.2	-0.1	-0.1	0.6	2.4	0.0	0.0	0.1	0.1	0.5	-0.1	0.2	0.0	0.1	-0.2	0.2	-0.6	-0.2
 Pelé	77	11	153	97	101	198	0.41	0.31	1492	0.1	-0.2	0.3	0.3	-0.1	0.7	2.4	-1.1	-0.6	0.5	1.1	0.1	0.8	1.7	1.5	1.4	1.6	1.2	0.3	0.9
 Pilier	82	25	166	90	141	231	0.12	0.35	2328	0.4	-0.1	0.7	0.6	-1.3	0.4	2.4	0.0	-0.4	0.3	0.4	1.4	2.0	1.1	1.6	1.7	1.7	1.9	-0.2	0.9
Portsall	79	14	146	112	95	207	0.19	-0.16	2655	1.1	-0.6	0.1	-0.2	-0.2	-0.2	1.7	-1.1	-1.5	-1.0	0.5	1.3	0.8	0.2	0.5	0.8	1.1	1.2	1.6	0.9
Reflexion	74		149	95	139	233	0.26	0.38	1965	-0.8	0.7	-0.3	-0.5	0.3	-0.2	2.8	0.4	0.6	0.2	0.2	0.0	1.7	1.6	2.0	1.2	1.3	1.4	0.2	0.6
 Riddick*	74		150	42	84	125	0.02	0.24	1256	0.2	-0.4	0.1	0.2	0.1	-1.4	0.4	-1.1	-1.1	-0.5	1.7	1.9	0.9	2.5	2.5	2.2	0.6	0.5	-0.5	0.2
Seagal*	74		148	73	90	163	0.03	0.02	2086	0.6	0.7	0.3	0.2	-0.1	0.2	1.5	0.5	0.4	1.3	-0.1	-0.5	-1.2	0.5	-0.3	-0.5	-0.1	-0.2	0.1	-0.1
 Taroyal	74		161	81	103	185	0.02	-0.02	2433	0.1	0.0	0.5	0.4	-0.3	1.5	1.5	-0.6	-0.6	0.6	0.2	-0.1	0.4	0.5	0.2	0.4	-1.0	-0.5	0.5	-0.2
 Tinorossi*	74		152	86	117	202	0.22	0.32	1903	-0.9	1.1	1.0	-1.2	-0.5	0.7	2.6	0.6	0.6	-0.6	0.4	0.6	-0.3	0.7	1.9	0.7	0.6	0.7	0.6	0.6
Treasure*	68		174	110	143	253	0.29	0.34	2350	-0.8	0.2	0.3	0.1	-0.4	1.3	3.3	0.5	0.5	-0.1	1.3	0.4	1.8	0.4	1.2	1.5	0.1	0.2	-0.4	-0.1
Twist	73		179	75	73	147	0.25	0.12	1503	0.9	1.2	0.8	0.5	-0.1	0.2	2.3	1.5	1.4	1.3	0.6	0.6	-0.1	0.3	1.2	0.6	0.4	0.6	0.5	0.3
 Tzess*	73		163	70	112	183	0.17	0.40	1522	-0.1	0.3	0.5	-0.3	1.3	1.0	1.9	-0.3	0.2	0.3	0.7	1.4	0.5	0.7	0.8	0.9	-0.1	-0.2	0.2	0.1












## How to get semen:

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[www.normandegenetics.com](http://www.normandegenetics.com)

 Bulls marked with this logo have resistance to paratuberculosis (Johnes disease)

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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	calving ease	kappa casein	beta casein	sire	maternal grand sire	NAAB code	price
	Lamier	0.8	1.9	0.2	0.3	0.3	0.1	0.3	<b>0.7</b>	0.7	0.8	<b>0.8</b>	0.3	0.7	<b>0.4</b>	0.6	-0.3	-0.5	<b>0.2</b>	<b>2.2</b>	AB	<b>A2A2</b>	Holen Hoz	Fambrien	183N046	<b>\$20</b>
	Landel	1.3	0.7	0.4	0.7	0.5	0.3	-0.1	<b>0.5</b>	0.0	-0.8	<b>0.8</b>	-1.4	-0.2	<b>1.0</b>	1.8	0.9	-1.6	<b>1.3</b>	<b>1.5</b>	AB	<b>A2A2</b>	Handelles	Bouclier	183N045	<b>\$20</b>
	Licorice	0.7	1.2	-0.2	1.5	0.9	0.4	1.0	<b>0.8</b>	-0.6	-0.4	<b>0.0</b>	0.5	0.2	<b>0.2</b>	0.5	1.5	-0.2	<b>0.9</b>	<b>1.2</b>	BB	<b>A2A2</b>	Iroquois	Atome	183N043	<b>\$23</b>
	Maanonu	1.4	1.1	0.5	0.8	1.8	2.0	1.8	<b>1.5</b>	0.8	-0.3	<b>-0.1</b>	1.6	0.6	<b>-0.6</b>	-0.9	0.8	-0.8	<b>-0.5</b>	<b>1.4</b>	AB	<b>A2A2</b>	Fortain	Folden	183N053	<b>\$23</b>
	Nestar	0.4	0.4	-0.7	0.8	-0.3	-1.0	0.3	<b>-0.1</b>	-0.9	0.0	<b>2.5</b>	1.1	2.2	<b>0.6</b>	0.3	0.3	-1.9	<b>-0.1</b>	<b>1.0</b>	AB	<b>A2A2</b>	Jesse	Unnoel	183N058	<b>\$24</b>
	Nintendo	0.8	0.8	0.8	2.8	0.6	1.1	0.4	<b>1.0</b>	0.5	0.2	<b>0.3</b>	0.1	0.2	<b>-0.1</b>	-0.4	-0.6	-1.5	<b>-0.9</b>	<b>1.0</b>	BB	<b>A2A2</b>	Jobyjoba	Holen Noz	183N056	<b>\$23</b>
	Niville	0.6	0.3	-0.3	1.4	0.4	0.4	0.8	<b>0.4</b>	0.8	-0.3	<b>1.0</b>	-0.7	0.4	<b>1.1</b>	1.0	0.5	0.7	<b>1.1</b>	<b>1.1</b>	BB	<b>A2A2</b>	Landel	Atome	183N057	<b>\$21</b>
	Ocasse	0.9	0.0	0.4	-0.2	0.0	0.2	0.4	<b>0.3</b>	-0.4	-0.1	<b>1.2</b>	0.4	1.0	<b>0.8</b>	0.8	0.7	0.4	<b>1.0</b>	<b>1.1</b>	AB	<b>A2A2</b>	Lepanto	General	183N061	<b>\$23</b>
	Olympe	0.6	0.7	-0.1	-0.4	0.5	0.0	-0.1	<b>0.2</b>	1.0	-0.3	<b>-0.4</b>	-1.1	-0.8	<b>-0.7</b>	0.0	-0.7	0.7	<b>-0.1</b>	<b>1.6</b>	BB	<b>A2A2</b>	Maneville	Fornells	183N059	<b>\$22</b>
	Oroi	0.4	0.2	0.7	0.4	0.9	0.2	1.1	<b>0.7</b>	1.2	-0.8	<b>0.3</b>	0.5	0.4	<b>0.9</b>	-1.2	-1.1	0.5	<b>-1.2</b>	<b>0.7</b>	BB	<b>A2A2</b>	Fuseos Isy	Ibernatus	183N063	<b>\$24</b>
	Paluel*	0.4	0.5	0.7	0.2	0.5	-0.3	0.9	<b>0.6</b>	-0.5	-0.1	<b>1.5</b>	0.2	1.1	<b>2.1</b>	2.3	1.0	1.0	<b>2.3</b>	<b>1.2</b>	BB	<b>A2A2</b>	Milko	Himpala	183N075	<b>\$25</b>
	Paris	0.2	-0.1	0.2	0.2	0.0	0.6	0.9	<b>0.4</b>	-1.2	0.6	<b>0.6</b>	1.4	1.0	<b>0.2</b>	0.1	0.0	-0.4	<b>0.0</b>	<b>0.1</b>	BB	<b>A2A2</b>	Fuseos Isy	Uvray	183N065	<b>\$24</b>
	Password	0.2	0.6	0.2	0.9	-0.3	0.9	-0.3	<b>0.4</b>	-0.8	0.0	<b>1.5</b>	1.6	1.7	<b>1.7</b>	1.0	0.4	0.8	<b>1.1</b>	<b>0.6</b>	AB	<b>A2A2</b>	Mille DT	Folden	183N066	<b>\$24</b>
	Pelé	-0.1	0.7	0.8	1.5	1.1	1.0	0.6	<b>0.9</b>	0.3	1.0	<b>0.9</b>	0.7	0.9	<b>0.4</b>	0.2	0.9	-1.6	<b>0.1</b>	<b>0.9</b>	BB	<b>A2A2</b>	Manchester	Infinity	183N067	<b>\$25</b>
	Pilier	0.6	0.8	-0.1	0.8	0.0	0.9	1.0	<b>0.7</b>	0.1	-0.1	<b>1.6</b>	0.8	1.4	<b>0.7</b>	1.3	0.8	-0.1	<b>1.2</b>	<b>1.0</b>	AB	<b>A2A2</b>	Marvel	Bainville	183N068	<b>\$26</b>
	Portsall	0.3	0.6	1.2	2.5	0.7	0.6	1.2	<b>1.1</b>	0.7	0.7	<b>1.5</b>	0.8	1.4	<b>0.4</b>	0.1	-0.1	-1.7	<b>-0.4</b>	<b>1.3</b>	BB	<b>A2A2</b>	Nintendo	Jolfover	183N069	<b>\$24</b>
	Reflexion	2.0	0.8	0.3	0.7	0.4	0.6	-0.3	<b>0.6</b>	-0.4	-0.7	<b>1.0</b>	0.5	0.9	<b>-0.1</b>	-0.7	0.8	0.7	<b>-0.1</b>	<b>0.4</b>	BB	<b>A2A2</b>	Ghypsy	Jolfover	183N074	<b>\$24</b>
	Riddick*	0.5	1.2	-0.5	1.9	1.3	1.0	0.7	<b>0.7</b>	-0.4	-0.3	<b>1.3</b>	0.2	1.0	<b>1.3</b>	1.9	1.1	1.2	<b>2.0</b>	<b>1.4</b>	BB	<b>A2A2</b>	Nagua	Honfleur	183N071	<b>\$25</b>
	Seagal*	0.3	0.5	1.3	1.3	0.6	0.1	0.8	<b>0.9</b>	1.1	1.1	<b>1.2</b>	0.5	1.0	<b>0.5</b>	0.4	-0.1	0.1	<b>0.1</b>	<b>0.9</b>	BB	<b>A2A2</b>	Orfevre	Labyrinthe	183N073	<b>\$26</b>
	Taroyal	1.8	1.8	0.6	1.6	1.2	0.5	1.3	<b>1.4</b>	-0.2	0.4	<b>2.4</b>	-0.1	1.6	<b>1.7</b>	0.9	0.5	-1.1	<b>0.6</b>	<b>0.9</b>	BB	<b>A2A2</b>	Paluel	Jesse	183N079	<b>\$26</b>
	Tinorossi*	1.7	1.7	-0.7	0.4	0.7	0.5	0.7	<b>0.7</b>	-0.2	-0.9	<b>1.0</b>	0.9	1.1	<b>1.8</b>	1.4	1.4	-0.9	<b>1.2</b>	<b>1.0</b>	AB	<b>A2A2</b>	Optum	Jibraltar	183N076	<b>\$25</b>
	Treasure*	1.0	1.9	0.8	1.0	1.1	0.6	2.1	<b>1.6</b>	-0.7	-1.0	<b>1.5</b>	1.0	1.4	<b>1.1</b>	1.4	1.6	0.5	<b>1.8</b>	<b>2.2</b>	AB	<b>A2A2</b>	Rebel	Marvel	183N078	<b>\$26</b>
	Twist	0.3	0.6	1.3	-0.4	0.0	0.5	1.0	<b>0.9</b>	-0.2	0.4	<b>2.9</b>	2.1	2.9	<b>2.3</b>	1.9	0.6	0.7	<b>1.6</b>	<b>0.7</b>	BB	<b>A2A2</b>	Password	Loumis	183N077	<b>\$26</b>
	Tzess*	0.7	1.4	0.5	1.3	0.7	0.2	1.8	<b>1.2</b>	-0.2	-0.4	<b>1.3</b>	0.6	1.1	<b>1.9</b>	1.8	1.2	0.9	<b>2.0</b>	<b>0.7</b>	BB	<b>A2A2</b>	Paluel	Marvel	183N080	<b>\$26</b>

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Bulls marked with this logo have resistance to paratuberculosis (Johnes disease)

prices are subject to change without notice





Launched in 1997 and independently owned, Normande Genetics' mission is to strengthen North American dairies by introducing the Normande breed. We believe the ultra-specialized U.S. dairy breeds suffer from functional fatigue with low fertility and longevity in both intensive and grass-based systems. By contrast, the Normande cow retains its naturally wholesome, balanced traits including muscularity, body condition, fertility and low-grain adaptability, making it an excellent choice for any cross-breeding program. In addition to its multiple contributions to herd health, Normande stands out among all breeds used in cross-breeding for its remarkable added value: extremely high components, unique cheese and beef qualities, and exceptional docility. Studies in both France and the U.S. show Normande x Holstein crosses out-perform their parent breeds, providing higher lifetime profits than Holstein purebreds.

### strength & fertility

- body condition & sturdiness: Normande's dual-purpose qualities help the breed maintain excellent condition and health on little grain or no grain
- fertility: many studies show the breed's superior fertility vs. other specialized dairy breeds
- vigorous & strong calves: easy-to-raise offspring with a good premium in both U.S. and European markets
- docility: Normande cows and bulls are known for their excellent dispositions
- 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 reflecting Normande's centuries-old selection for high-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)
- 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 requires marketing a story. Normande cows are the source of one of the world's most fabled cheeses, Camembert, along with other highly regarded cheeses, rich cream and butter, and marbled steaks



TinoRossi

### 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	Password 432561
Landel.....345216	Pelé.....513642
Licorice.....453216	Pilier.....342156
Maanonu 456312	Portsall.....435261
Nestar.....354126	Riddick.....345216
Niville.....531462	Taroyal.....423516
Ocasse.....432561	Tinorossi..516342
Olympe...342561	Treasure ..531462
Oroi.....435261	Twist.....153624
Paluel.....534126	Tzess.....516324
Paris.....432561	

### semen fertility ranking

+++	Olympe, Oroï, Paco, Paris, Password, Pilier, Portsall, Riddick, Seagal
++	Licorice, Pele, Paluel, Reflexion
+	Lamier, Landel, Maanonu, Nestar, Nintendo, Niville, Ocasse

### Why crossbreeding?

By crossbreeding with Normande you gain the double advantage of hybrid vigor and use of a "strength" breed. Hybrid vigor eliminates inbreeding and appears to provide synergy for both health and production traits; strength and body condition are equally important to health and fertility. A rotational 3-way cross is the best way to maintain hybrid vigor effects.

