



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.



Icarius

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 famed cheeses, Camembert, along with other highly regarded cheeses, cream and butter, as well as marbled steaks.
- distinctive appearance: the Normande breed's tri-colored, brindled coat and ringed eyes are attention getting—in the pasture and marketing material, adding to its branding power.



daughter of Infinity

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

Infinity	423516
Lamier	531426
Landel	345216
Licorice	453216
Loky	531426
Maanonu	456312
Marvel	432516
Monza	432561
Nestar	354126
Nesthy	315246
Niville	531462
Ocasse	432561
Olympe	342561
Orelio	342516
Oroi	435261

semen fertility ranking

+++	Monza	++	Marvel
	Licorice		Nesthy
	Jorino		Nintendo
	Oroi		Ocasse
	Loky		Olympe
	Niville		Landel
	Infinity		Orelio
	Orno	+	Lamier
			Icarius
			Maanonu
			Nestar

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

	production								frame					muscle				feet & legs						udder					functionals & health										pedigree			price																				
	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)	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								
Icarius	94	164	126	48	62	110	0.03	0.03	1318	-0.9	-0.5	-0.7	-1.3	-0.4	-1.1	0.0	-0.4	-1.0	-0.2	-0.2	0.7	0.4	0.4	0.3	0.4	-0.6	0.0	-0.7	0.0	0.7	-0.4	1.2	-0.3	-0.5	1.2	0.4	-0.5	1.4	0.1	0.3	0.2	-0.1	0.1	1.1	-0.1	0.5	92	90	AB	A2A2	Ayala	Uperise	183N018	\$20								
Infinity	95	1399	112	44	4	48	0.22	-0.07	370	0.6	-1.0	0.0	0.5	0.7	0.3	-0.4	-1.3	-1.2	-0.4	-0.8	1.1	0.8	1.1	0.8	0.7	0.3	0.0	0.6	-0.2	0.6	0.8	1.1	0.3	-0.1	0.7	0.6	-0.5	-0.6	-0.6	0.2	-0.3	0.4	0.1	-0.4	0.8	0.1	91	91	BB	A2A2	Game Over	Santyorre	183N040	\$21								
Jorino	88	57	84	-15	-37	-53	-0.14	-0.34	125	-0.1	-0.5	-0.3	-0.8	-0.8	-0.2	-2.3	-0.5	-0.4	-1.6	0.8	0.4	-0.3	0.5	1.0	0.7	0.1	0.1	0.9	0.6	0.8	0.4	1.6	0.1	0.6	0.6	0.8	-0.3	0.2	-0.1	-0.9	-0.4	0.8	-0.3	0.8	-1.0	-0.1	94	92	AB	A2A2	Gamma	Ulozon	183N038	\$20								
Lamier	80	22	131	37	64	101	-0.05	0.13	928	-0.6	-0.8	-1.1	-1.2	1.3	0.4	-0.4	-0.5	-0.4	-1.0	0.3	1.7	-0.5	0.8	0.3	0.7	0.5	0.1	0.4	0.4	1.1	0.3	0.5	0.4	0.0	0.1	0.5	0.7	0.5	0.8	0.5	0.8	0.5	0.8	-0.3	-0.4	0.3	95	94	AB	A2A2	Holen Noz	Fambrien	183N046	\$23								
Landel	94	169	129	37	66	103	-0.08	-0.01	1474	-0.7	-1.3	-0.7	-0.8	-0.8	-0.2	-0.2	-0.4	-0.5	0.0	0.0	0.5	0.0	0.2	0.4	0.3	0.6	0.5	0.0	1.8	1.4	0.9	0.6	0.9	0.6	0.3	1.2	0.1	-0.1	0.4	-1.0	-0.2	0.3	0.7	0.5	-1.1	0.4	93	92	AB	A2A2	Handelles	Bouclier	183N045	\$23								
Licorice	95	432	132	55	44	99	0.20	0.10	748	0.1	-0.7	-0.1	-1.0	0.9	0.5	0.3	-0.5	-0.6	-1.5	1.2	-0.2	0.5	0.7	1.5	1.0	0.4	-0.1	1.6	0.9	1.3	0.1	1.3	0.8	0.2	0.9	0.9	-0.4	-0.3	0.0	0.5	0.3	0.4	1.6	1.2	-0.1	1.6	92	89	BB	A2A2	Iroquois	Atome	183N043	\$20								
Loky	88	71	117	31	13	44	0.09	-0.05	348	-0.3	0.0	-0.4	-0.2	0.2	-0.1	-0.4	0.4	0.4	-2.0	0.3	0.8	1.1	1.4	1.1	1.2	0.5	0.2	1.4	0.6	1.2	1.0	1.4	0.3	1.3	0.4	1.2	-0.1	-0.1	-0.3	0.7	0.1	0.4	0.4	0.8	1.8	1.1	91	91	BB	A2A2	Idarauca	Atome	183N049	\$20								
Maanonu	81	27	137	81	91	172	0.00	-0.12	2704	-0.2	-0.5	0.3	-1.0	-0.3	-0.1	1.2	-1.6	-1.1	-1.5	-0.3	0.0	0.6	0.6	0.3	0.3	-0.4	-0.3	-1.2	0.9	0.8	0.2	0.7	1.0	1.3	1.1	1.0	0.2	0.1	0.5	1.1	0.8	-1.2	0.1	92	93	AB	A2A2	Fortain	Folden	183N053	\$23											
Marvel	70	0	132	75	57	132	0.12	-0.08	1637	1.0	0.1	1.0	1.2	-1.3	0.1	1.0	-0.6	-0.5	-0.3	-0.5	0.7	0.9	0.7	1.2	0.7	0.2	-0.3	1.0	1.0	1.2	1.4	1.5	0.8	1.1	0.7	1.4	-0.4	-0.5	-0.1	0.3	0.2	0.2	-0.6	-0.1	0.3	-0.4	92	91	AB	A2A2	Infinity	Glass	183N054	\$25								
Mercure	76	11	110	9	48	57	-0.10	0.16	559	0.0	0.3	0.3	0.7	-1.0	-1.0		-1.6	-1.3	-0.2	0.0	0.2	-0.7	-0.1	-0.6	-0.3			0.8	0.8	-0.3	0.7	1.4	0.9	0.2	0.6	-0.1	1.4	0.9	0.2	0.7	0.8	-0.7	-1.5	-0.9	-1.3	88	89	BB	A2A1	Idark	Gist Mad	020N029	\$15									
Monza	70	0	139	40	29	68	0.13	0.00	550	-0.2	0.0	0.0	0.4	0.2	0.8	-0.1	0.3	-0.1	0.5	-0.3	1.4	-1.1	0.2	0.2	0.2	-0.1	0.5	0.8	0.8	1.3	0.9	0.5	0.8	0.0	0.1	0.8	0.6	0.4	1.4	0.9	1.4	0.1	0.5	-0.4	-0.4	0.0	90	92	BB	A2A2	Iffondor	Atome	183N050	\$21								
Nestar*	69	0	157	66	66	132	-0.02	-0.13	1969	-0.3	-0.4	-0.2	-0.4	-0.2	0.0	0.8	-0.4	0.2	1.2	0.2	0.4	-0.3	0.4	0.5	0.4	-0.6	0.4	1.1	1.0	0.7	0.2	0.9	0.4	-0.3	0.6	0.6	-0.7	-0.1	1.8	0.9	1.6	0.7	0.2	0.2	-0.6	0.0	92	90	AB	A2A2	Jesse	Unnoel	183N058	\$25								
Nesthy*	70	0	137	22	84	106	0.00	0.36	458	0.4	-0.6	0.2	-0.8	0.8	0.4	-0.4	-0.7	-1.1	0.8	0.7	0.8	0.0	0.5	0.2	0.2	-0.1	0.4	-0.2	1.2	0.9	-0.1	0.3	0.5	1.0	0.9	0.8	-0.1	0.1	0.3	0.6	0.5	0.7	0.5	-0.6	0.0	0.1	93	93	AB	A2A2	Jipidji	Hemrick	183N055	\$23								
Nintendo	70	0	128	59	42	101	0.11	0.00	1340	0.6	0.4	-0.1	0.2	-0.5	-0.2	0.6	-0.6	-0.6	-0.5	0.2	0.4	-0.6	0.9	0.1	0.4	0.6	0.1	0.4	0.5	0.6	0.8	1.5	1.0	1.1	0.1	0.9	0.7	0.7	0.6	0.4	0.6	0.7	0.9	0.9	0.6	0.2	0.9	0.1	0.6	0.9	0.4	-0.2	0.3	0.3	91	91	BB	A2A2	Landel	Atome	183N057	\$24
Niville*	69	0	129	13	42	55	-0.04	0.11	675	-0.1	0.0	0.4	0.5	-1.3	0.2	-0.3	0.7	0.0	0.1	-0.1	0.1	-0.8	0.1	0.2	0.0	0.4	0.0	0.3	0.7	0.7	0.6	0.4	0.6	0.7	0.9	0.9	0.6	0.2	0.9	0.1	0.6	0.9	0.4	-0.2	0.3	0.3	91	91	BB	A2A2	Lepanto	General	183N061	\$25								
Ocasse	69	0	144	29	99	128	0.04	0.42	829	0.1	0.5	0.7	-0.2	1.0	0.2	0.9	0.8	0.6	1.3	0.5	-0.5	1.4	0.5	1.2	0.8	-0.1	0.0	-0.1	0.7	0.4	0.4	0.2	0.3	0.5	0.4	0.6	0.0	-0.1	0.8	-0.4	0.4	0.2	0.0	0.4	0.0	0.2	91	88	AB	A2A2	Maneville	Fornells	183N062	\$26								
Olympe	66	0	135	55	86	141	0.28	0.39	618	0.4	-0.4	-0.3	0.3	-0.3	0.9	1.2	0.4	0.1	0.4	0.1	0.6	0.3	1.2	1.5	0.0	0.2	0.3	1.1	1.1	1.0	0.2	0.9	0.2	0.5	1.0	0.0	-0.1	2.0	-0.4	-0.2	0.0	-0.9	-0.3	-0.5	90	88	BB	A2A2	Mephisto	Impie	183N059	\$24										
Orelio	66	0	132	29	55	84	-0.03	0.02	847	0.2	0.0	0.6	0.9	-0.3	0.5	1.1	0.6	0.3	-1.2	1.2	0.4	0.1	0.8	1.5	1.1	0.9	0.3	1.9	1.0	0.5	0.7	1.1	0.2	0.6	0.7	0.9	-0.6	0.0	2.0	0.9	1.7	0.3	-0.2	0.0	0.0	-0.2	91	93	BB	A2A1	Mephisto	Impie	183N059	\$24								
Orno	69	0	143	29	18	46	0.14	0.05	295	0.2	0.3	-0.4	0.7	-0.2	-0.1	-0.2	0.5	-0.1	1.0	1.5	-0.2	0.7	1.2	1.3	1.3	0.4	-0.6	1.0	1.4	1.4	1.2	1.1	1.4	2.2	0.9	1.8	-0.5	0.4	2.1	0.1	1.5	0.4	-0.4	-0.7	-0.4	-0.7	92	92	BB	A2A2	Latacan	Eolonne	183N060	\$22								
Oroi*	70	0	151	51	95	145	-0.01	0.15	1577	0.2	0.9	0.4	0.6	0.8	0.5	1.3	0.1	1.1	1.3	0.3	-0.2	1.0	1.1	1.5	1.0	-0.1	-1.1	0.9	0.2	0.7	0.8	0.6	1.0	-0.1	1.2	0.9	0.8	-0.6	0.0	1.4	0.0	0.9	0.1	-1.1	-0.2	-0.4	-1.0	90	88	BB	A2A2	Fuseos Isy	Ibermatus	183N063	\$26							

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