



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.



Niville

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.
- cheese making: experts say it's an ideal milk for cheese thanks to high protein, well sized fat miscelle and high BB kappa casein incidence. BB kappa casein milk yields up to 10% more cheese than AA kappa casein.
- A2A2: one of the highest A2A2 breeds.
- 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.



Naturel by Licorice

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
Medellin	432561
Monza	432561
Nestar	354126
Nesthy	315246
Niville	531462
Ocasse	432561
Olympe	342561
Orelio	342516
Oroi	435261

super fertile bulls

+++
Infinity
Jorino
Licorice
Loky
Monza
Nesthy
Niville
Oroi

++
Icarius
Lamier
Landel
Marvel
Nintendo
Ocasse
+
Maanonu
Nestar

Normande proof and price list – production and type breeding values – december 2020

	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	reliability	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	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	93	118	129	48	62	110	0.04	0.02	1300	85	-1.0	-0.7	-0.7	-1.1	-0.4	-1.0	0.0	-0.5	-1.0	-0.1	0.1	0.9	0.4	0.4	0.4	0.5	-0.6	0.0	0.4	0.8	-0.1	0.9	-0.2	-0.3	1.1	0.5	-0.4	1.0	0.0	0.3	0.2	0.0	0.0	1.2	0.2	0.6	92	90	AB	A2A2	Ayala	Uperise	183N018	\$20
Infinity	95	1079	118	48	11	59	0.22	-0.07	475	95	0.5	-1.1	0.0	0.4	0.7	0.5	-0.3	-1.4	-1.1	-0.4	-0.8	1.1	0.8	1.2	1.0	0.8	0.3	0.0	-0.1	0.7	0.9	1.1	0.3	-0.1	0.7	0.7	-0.5	-0.6	-0.6	0.3	-0.2	0.5	0.5	-0.3	0.6	0.3	91	92	BB	A2A2	Game Over	Santyorre	183N040	\$21
Jorino	83	34	90	-7	-26	-33	-0.12	-0.35	299	75	-0.1	-0.3	-0.2	-0.7	-0.7	-0.1	-2.0	-0.3	-0.4	-1.6	0.8	0.6	-0.1	0.6	1.1	0.8	-0.2	0.0	0.9	0.9	0.4	1.8	0.4	0.7	0.5	0.9	-0.4	0.3	-0.1	-0.6	-0.3	0.8	-0.1	0.6	-1.0	-0.1	94	91	AB	A2A2	Gamma	Ulozon	183N038	\$20
Lamier	85	10	128	35	51	86	-0.02	0.11	737	70	-0.6	-0.7	-1.0	-1.0	1.3	0.5	-0.5	-0.2	-0.2	-0.8	0.4	1.7	-0.6	0.8	0.4	0.8	0.5	0.1	0.5	1.0	0.5	0.5	0.3	0.0	-0.2	0.5	0.5	0.5	0.6	0.5	0.7	0.5	-0.6	-0.2	0.2	95	94	AB	A2A2	Holen Noz	Fambrien	183N046	\$23	
Landel	9	70	137	53	81	134	-0.07	-0.02	1888	83	-0.4	-1.4	-0.6	-0.7	-0.8	-0.2	0.3	-0.5	-0.5	0.4	-0.1	0.4	-0.1	0.1	0.4	0.2	0.6	0.5	2.0	1.6	0.8	0.5	0.8	0.7	0.1	1.2	0.3	-0.1	0.3	-0.6	-0.1	0.3	0.6	0.4	-1.5	0.2	93	93	AB	A2A2	Handelles	Bouclier	183N045	\$23
Licorice	95	193	131	57	44	101	0.21	0.08	827	89	0.2	-0.6	0.1	-1.0	1.1	0.4	0.4	-0.8	-0.6	-1.5	1.1	-0.2	0.3	0.1	1.1	0.6	-0.1	0.0	0.9	1.3	0.2	1.3	0.6	0.0	1.0	0.9	-0.4	-0.3	0.3	0.4	0.4	0.3	1.5	0.9	-0.3	1.4	92	89	BB	A2A2	Iroquois	Atome	183N043	\$20
Loky	73	7	121	29	15	44	0.09	-0.04	436	68	0.2	0.6	-0.1	0.5	0.0	0.1	0.0	0.9	0.9	-1.3	1.0	0.6	1.1	1.4	1.4	1.4	0.5	0.2	0.4	1.2	0.6	1.0	0.4	0.7	0.2	0.9	0.1	-0.3	0.0	0.6	0.2	0.4	0.5	0.3	1.2	0.8	91	91	BB	A2A2	Idarauca	Atome	183N049	\$20
Maanonu	73	6	136	70	81	152	0.02	-0.11	2358	69	0.0	-0.6	0.5	-0.9	-0.2	0.0	1.0	-1.6	-1.1	-1.5	0.0	0.5	0.6	0.6	0.7	0.6	-0.4	-0.3	0.9	0.9	0.3	0.9	0.7	1.0	1.0	1.0	0.3	0.3	0.3	1.1	0.7	0.2	0.2	0.7	-0.9	0.2	92	92	AB	A2A2	Fortain	Folden	183N053	\$23
Marvel	69	0	134	77	62	139	0.13	-0.07	1749	68	1.0	0.0	1.0	1.2	-1.3	0.2	1.1	-0.7	-0.6	-0.7	-0.5	0.7	0.9	0.8	1.4	0.8	0.2	-0.1	1.2	1.2	1.4	1.5	0.8	1.1	0.9	1.5	-0.4	-0.4	-0.1	0.6	0.2	0.3	-0.5	0.2	0.3	-0.2	92	91	AB	A2A2	Infinity	Glass	183N054	\$25
Medellin	70	0	148	64	119	183	0.07	0.28	1421	68	0.3	0.5	1.2	-0.3	-0.2	0.0	0.6	0.2	0.6	0.6	0.0	-0.7	0.9	-0.2	0.7	0.0	0.0	0.0	1.3	1.5	0.1	-0.2	0.2	-0.5	0.1	0.5	0.0	-0.5	0.4	0.5	0.5	0.5	0.2	1.4	-1.8	0.3	87	87	BB	A2A1	Inexces	Geyser	020N030	\$20
Mercure	71	1	112	15	59	75	-0.09	0.16	726	69	0.1	0.2	0.1	0.85	-1.2	-0.8	0.0	-1.4	-1.2	-0.4	0.0	0.4	-0.5	-0.1	-0.7	-0.2	0.0	0.9	0.8	-0.2	0.8	1.7	1.1	0.1	0.7	-0.1	1.3	0.9	0.2	0.7	0.8	-0.6	-1.8	-0.9	-1.4	88	89	BB	A2A1	Idark	Gist Mad	020N029	\$15	
Monza	70	0	146	46	35	81	0.14	0.00	605	68	-0.3	0.0	-0.1	0.4	0.2	0.8	0.0	0.2	-0.2	0.7	-0.3	1.3	-1.1	0.3	0.1	0.2	0.1	0.7	0.8	1.3	0.9	0.7	0.8	0.0	0.2	0.9	0.7	0.5	1.6	0.8	1.4	0.2	0.5	-0.3	-0.2	0.2	90	92	BB	A2A2	Iffondor	Atome	183N050	\$21
Nestar*	69	0	160	66	68	134	0.00	-0.13	1978	68	-0.3	-0.3	-0.3	-0.4	-0.2	0.0	0.9	-0.2	0.3	1.4	0.3	0.6	-0.1	0.5	0.6	0.5	-0.4	0.2	1.0	0.8	0.2	0.9	0.3	-0.3	0.5	0.6	-0.8	-0.1	1.9	0.8	1.7	0.8	0.3	0.1	-0.6	0.1	92	90	AB	A2A2	Jesse	Unnoel	183N058	\$25
Nesthy*	69	0	139	29	88	117	0.01	0.36	640	68	0.4	-0.5	0.0	-0.8	0.7	0.6	-0.2	-0.6	-1.2	0.5	-0.5	0.7	0.3	0.5	0.3	0.3	-0.1	0.6	1.4	0.9	0.0	0.6	0.5	0.9	1.1	1.0	-0.1	0.1	0.2	0.6	0.4	0.8	0.6	-0.5	0.0	0.2	92	93	AB	A2A2	Jipidji	Hemrick	183N055	\$23
Nintendo	70	0	131	62	48	110	0.12	0.03	1287	68	0.6	0.5	0.0	0.3	-0.7	0.0	0.6	-0.6	-0.6	-0.2	0.3	0.4	-0.7	1.0	0.0	0.5	0.8	0.1	0.5	0.5	0.9	1.5	1.0	1.2	0.2	1.0	0.7	0.3	0.7	0.2	0.5	0.4	-0.2	-0.4	-1.7	-0.8	91	92	BB	A2A2	Jobyjoba	Holen Noz	183N056	\$24
Niville*	69	0	138	22	53	75	-0.03	0.12	865	67	-0.1	0.0	0.4	0.5	-1.4	0.3	-0.1	0.6	-0.1	0.7	-0.1	0.0	-0.9	0.1	0.2	-0.1	0.4	0.3	0.8	0.8	0.5	0.4	0.6	0.8	1.0	1.0	0.6	0.2	0.8	0.3	0.7	0.9	0.4	-0.2	0.4	0.3	91	92	BB	A2A2	Landel	Atome	183N057	\$24
Ocasse	68	0	148	37	110	147	0.04	0.38	1120	67	0.2	0.6	0.8	-0.3	1.0	0.2	1.2	0.7	0.6	1.5	0.4	-0.4	1.4	0.5	1.1	0.7	-0.1	-0.3	0.8	0.5	0.4	0.1	0.2	0.4	0.4	0.6	-0.2	0.6	0.7	-0.3	0.4	0.3	0.1	0.3	0.1	0.2	91	88	AB	A2A2	Lepanto	General	183N061	\$25
Olympe	66	0	136	59	92	152	0.29	0.39	728	64	0.3	-0.5	-0.5	0.2	-0.3	0.9	1.3	0.2	0.0	0.2	1.9	0.9	0.7	0.6	1.6	1.4	0.1	0.1	1.1	1.2	1.0	0.1	1.0	0.3	0.5	1.1	0.0	-0.2	0.1	-0.4	-0.1	0.1	0.0	-0.9	-0.5	-0.5	90	88	BB	A2A2	Maneville	Fornells	183N062	\$26
Orelio	66	0	136	35	64	99	-0.03	0.05	917	64	0.2	0.1	0.7	0.8	-0.3	0.6	0.1	0.5	0.0	0.4	-0.1	0.5	0.0	1.1	1.6	1.3	0.7	0.9	1.1	0.5	0.9	1.2	0.2	0.5	0.8	1.0	-0.5	0.0	2.0	0.9	1.7	0.3	-0.2	0.0	0.0	-0.1	91	93	BB	A2A1	Mephisto	Impie	183N059	\$24
Orno	69	0	145	37	29	66	0.14	0.03	576	67	0.3	0.3	-0.4	0.6	-0.1	0.0	0.1	0.6	-0.1	0.8	1.6	0.2	0.7	1.3	1.5	1.5	0.6	-0.2	1.6	1.2	1.2	0.9	1.4	2.1	0.8	1.7	-0.6	0.4	2.0	0.0	1.3	0.5	-0.4	-0.7	-0.3	-0.6	92	92	BB	A2A2	Latacan	Eolonne	183N060	\$23
Oroi*	69	0	154	53	99	152	0.00	0.16	1665	68	0.2	0.9	0.3	0.7	0.8	0.6	1.5	0.0	1.2	1.4	0.5	-0.1	1.1	1.0	1.6	1.1	0.1	-0.9	0.4	0.7	0.7	0.6	1.0	-0.1	1.1	0.9	0.8	-0.5	0															