



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



daughter of Lamier



Paco

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: 20% rear legs rear view + 10% bone quality + 30% foot angle + 20% rear legs side view + 20% locomotion

Sire and daughter calving ease: average equals 89. 90 is a better calving ease; 88 is less calving ease.

For only the seven criteria listed 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?

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.

aAa® numbers

| | |
|---------------|--------|
| Lamier..... | 531426 |
| Landel..... | 345216 |
| Licorice..... | 453216 |
| Maanonu..... | 456312 |
| Nestar..... | 354126 |
| Niville..... | 531462 |
| Ocasse..... | 432561 |
| Olympe..... | 342561 |
| Oroi..... | 435261 |
| Paco..... | 534126 |
| Paluel..... | 534126 |
| Paris..... | 432561 |
| Password..... | 432561 |
| Pelé..... | 513642 |
| Pilier..... | 342156 |
| Portsall..... | 435261 |
| Riddick..... | 345216 |
| Smiley..... | 153246 |
| Sniper..... | 435216 |
| Twist..... | 153624 |

semen fertility ranking

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

Normande proof and price list – production and type breeding values – april 2024

| | 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 | price |
| Lamier | 95 | 449 | 117 | 13 | 53 | 66 | 0.00 | 0.28 | 398 | -1.2 | -1.1 | -1.2 | -1.3 | 1.1 | -0.2 | -0.6 | -0.3 | -0.3 | -1.2 | 0.6 | 2.0 | -0.4 | 1.1 | 0.6 | 0.7 | 0.8 | -0.2 | 0.8 | 0.8 | 1.9 | 0.3 | 0.2 | 0.3 | 0.1 | 0.2 | 0.7 | 0.7 | 0.7 | 0.7 | 0.3 | 0.6 | 0.5 | 0.6 | -0.2 | -0.5 | 0.2 | 95 | 93 | AB | A2A2 | Holen Hoz | Fambrien | 183N046 | \$20 |
| Landel | 95 | 740 | 124 | 35 | 64 | 99 | -0.14 | -0.06 | 1685 | -0.8 | -0.9 | -0.8 | -1.2 | -0.6 | -0.5 | -0.4 | -0.5 | -0.9 | -0.3 | 0.1 | 0.6 | -0.5 | 0.2 | 0.4 | 0.1 | 0.7 | 1.2 | 0.1 | 1.3 | 0.8 | 0.4 | 0.7 | 0.5 | 0.3 | -0.1 | 0.6 | 0.1 | -0.8 | 0.7 | -1.4 | -0.2 | 0.7 | 1.9 | 1.0 | -1.5 | 1.4 | 93 | 90 | AB | A2A2 | Handelles | Bouclier | 183N045 | \$21 |
| Licorice | 95 | 1263 | 120 | 55 | 53 | 108 | 0.26 | 0.19 | 713 | -0.1 | -0.3 | 0.0 | -0.9 | 0.5 | 0.9 | 0.7 | -0.4 | -0.6 | -1.8 | 1.5 | -0.5 | 1.0 | 1.3 | 2.0 | 1.5 | 0.4 | -0.3 | 0.7 | 0.7 | 1.1 | -0.3 | 1.5 | 0.9 | 0.3 | 1.0 | 0.7 | -0.6 | -0.3 | -0.1 | 0.6 | 0.2 | 0.4 | 0.5 | 1.5 | -0.1 | 0.9 | 92 | 88 | BB | A2A2 | Iroquois | Atome | 183N043 | \$23 |
| Maanonu | 95 | 718 | 132 | 90 | 110 | 200 | 0.05 | 0.01 | 2521 | -0.4 | -0.4 | 0.2 | -0.7 | -1.1 | -0.2 | 1.4 | -1.8 | -1.3 | -1.6 | -0.9 | 0.1 | 0.4 | 0.8 | 0.2 | 0.2 | -0.6 | -0.3 | -1.0 | 1.4 | 1.1 | 0.5 | 0.9 | 1.8 | 2.1 | 1.8 | 1.6 | 0.8 | -0.3 | 0.0 | 1.5 | 0.7 | -0.5 | -0.5 | 1.0 | -1.0 | -0.2 | 92 | 93 | AB | A2A2 | Fortain | Folden | 183N053 | \$23 |
| Nestar | 95 | 614 | 171 | 121 | 158 | 279 | 0.00 | 0.01 | 3659 | -0.6 | -0.2 | 0.0 | -0.4 | -0.7 | -0.3 | 2.9 | 0.0 | 0.0 | 1.9 | 0.1 | 0.6 | -0.3 | 0.0 | 0.7 | 0.2 | 0.5 | 0.3 | 1.3 | 0.5 | 0.4 | -0.7 | 0.8 | -0.1 | -1.0 | 0.4 | -0.1 | -0.8 | -0.1 | 2.7 | 0.9 | 2.2 | 0.5 | 0.6 | 0.1 | -1.7 | 0.0 | 92 | 89 | AB | A2A2 | Jesse | Unnoel | 183N058 | \$24 |
| Nintendo | 95 | 497 | 126 | 70 | 57 | 128 | 0.08 | -0.14 | 1826 | 0.9 | 0.2 | 0.2 | 0.3 | -0.9 | -0.1 | 0.9 | -0.6 | -0.3 | -0.1 | 0.9 | 0.8 | -0.4 | 0.9 | 0.4 | 0.5 | 0.5 | 0.7 | 0.3 | 1.0 | 1.0 | 0.7 | 2.8 | 0.8 | 1.3 | 0.4 | 1.1 | 0.6 | 0.2 | 0.3 | -0.1 | 0.2 | -0.1 | 0.0 | -0.3 | -1.5 | -0.5 | 91 | 92 | BB | A2A2 | Jobyjoba | Holen Noz | 183N056 | \$23 |
| Niville | 95 | 284 | 143 | 37 | 73 | 110 | 0.01 | 0.17 | 1181 | 0.0 | 0.8 | 0.5 | 1.0 | -1.6 | -0.1 | 0.7 | 1.2 | 0.1 | 1.3 | 0.5 | -0.1 | -1.0 | -0.1 | 0.7 | -0.1 | 0.5 | 0.8 | -0.3 | 0.5 | 0.6 | 0.0 | 1.3 | 0.6 | 0.5 | 1.0 | 0.6 | 0.7 | -0.6 | 1.2 | -0.8 | 0.4 | 1.2 | 1.2 | 0.6 | 0.8 | 1.3 | 91 | 91 | BB | A2A2 | Landel | Atome | 183N057 | \$21 |
| Ocasse | 86 | 55 | 149 | 35 | 119 | 154 | 0.07 | 0.63 | 840 | 0.4 | 1.1 | 0.9 | -0.5 | 1.9 | 0.6 | 1.6 | 1.0 | 1.1 | 1.6 | 0.5 | -0.3 | 1.4 | 0.2 | 1.1 | 0.9 | 0.0 | 0.3 | 0.1 | 0.8 | -0.1 | 0.3 | 0.2 | -0.2 | 0.2 | 0.2 | -0.7 | 0.1 | 1.0 | 0.2 | 0.8 | 0.8 | 1.0 | 0.8 | 0.1 | 1.1 | 92 | 88 | AB | A2A2 | Lepanto | General | 183N061 | \$23 | |
| Olympe | 83 | 32 | 136 | 66 | 86 | 152 | 0.41 | 0.54 | 535 | -0.2 | -0.3 | -0.5 | 0.5 | -0.4 | 1.6 | 1.9 | 0.3 | 0.3 | 1.0 | 2.3 | 0.9 | 0.9 | 0.8 | 2.2 | 1.8 | 1.4 | 0.8 | 1.1 | 1.1 | 1.2 | 0.1 | 0.2 | 1.2 | 0.5 | 0.0 | 0.6 | 0.9 | 0.0 | -0.2 | -0.7 | -0.4 | -0.6 | 0.1 | -0.3 | 0.2 | 0.0 | 93 | 89 | BB | A2A2 | Maneville | Fornells | 183N059 | \$22 |
| Oroi | 95 | 478 | 146 | 64 | 110 | 174 | -0.13 | 0.02 | 2471 | -0.3 | 0.8 | 0.5 | 0.8 | 0.3 | 0.8 | 1.7 | 0.7 | 1.2 | 1.5 | 0.5 | -0.2 | 1.4 | 1.6 | 1.5 | 1.4 | 1.0 | -1.1 | 0.6 | 0.6 | 0.2 | 0.7 | 0.6 | 1.0 | 0.2 | 1.2 | 0.8 | 1.3 | -0.8 | 0.4 | 0.4 | 0.4 | 0.9 | -1.2 | -1.1 | 0.5 | -1.2 | 91 | 90 | BB | A2A2 | Fuseos Isy | Ibernatus | 183N063 | \$24 |
| Paco | 73 | | 170 | 86 | 101 | 187 | 0.04 | 0.02 | 2383 | 0.7 | -0.3 | 0.4 | 0.6 | -0.6 | 0.6 | 1.4 | -0.8 | -1.0 | 0.6 | 1.8 | -0.2 | 1.6 | 1.0 | 1.2 | 1.6 | 0.7 | -0.1 | 0.2 | 0.0 | 0.9 | 1.3 | 1.1 | 0.7 | 0.2 | 0.3 | 0.8 | 1.1 | 1.0 | 2.2 | 1.4 | 2.1 | 1.0 | 1.0 | 0.6 | -0.8 | 0.6 | 88 | 89 | BB | A2A2 | Montfort | Jolfover | 183N064 | \$26 |
| Paluel* | 77 | 10 | 162 | 79 | 64 | 143 | 0.16 | -0.10 | 1839 | 0.3 | 1.0 | 0.6 | 0.2 | 2.0 | 0.6 | 1.9 | 0.6 | 1.4 | 1.3 | 1.5 | -1.0 | 0.7 | 0.9 | 0.5 | 0.9 | -0.5 | 0.4 | -0.3 | 0.2 | 0.3 | 0.8 | -0.2 | 0.2 | -0.6 | 1.1 | 0.5 | 0.0 | -0.4 | 1.3 | -0.1 | 0.8 | 2.3 | 2.0 | 1.0 | 1.0 | 2.1 | 92 | 91 | BB | A2A2 | Milko | Himpala | 183N075 | \$25 |
| Paris | 73 | | 135 | 64 | 68 | 132 | 0.05 | -0.08 | 1844 | 0.7 | 1.0 | 0.6 | 0.7 | 1.1 | 0.1 | 1.5 | 0.6 | 1.1 | 0.3 | 1.1 | -0.5 | 1.8 | 0.5 | 1.1 | 1.3 | 1.1 | -0.9 | 0.7 | 0.3 | -0.1 | 0.1 | 0.2 | 0.1 | 0.7 | 0.8 | 0.4 | -1.2 | 0.5 | 0.5 | 1.2 | 0.9 | 0.2 | 0.1 | 0.6 | -0.4 | 0.2 | 89 | 90 | BB | A2A2 | Fuseos Isy | Uvray | 183N065 | \$24 |
| Password | 73 | 1 | 164 | 103 | 110 | 213 | 0.11 | -0.04 | 2702 | 1.1 | 1.3 | 1.4 | -0.1 | -0.3 | 0.5 | 2.5 | 0.5 | 0.2 | 0.2 | 0.2 | 0.5 | 0.2 | 0.4 | 0.4 | 0.4 | -0.2 | -0.5 | 0.3 | 0.5 | 1.1 | 0.4 | 1.1 | -0.2 | 1.0 | -0.3 | 0.6 | -0.6 | 0.2 | 1.4 | 1.6 | 1.6 | 1.9 | 1.2 | 0.8 | 1.2 | 1.5 | 90 | 93 | AB | A2A2 | Mille DT | Folden | 183N066 | \$25 |
| Pelé | 73 | 1 | 157 | 92 | 97 | 189 | 0.38 | 0.30 | 1441 | 0.0 | -0.2 | 0.2 | 0.4 | -0.3 | 0.8 | 2.2 | -1.2 | -0.6 | 1.1 | 1.1 | 0.3 | 1.0 | 1.7 | 1.4 | 1.5 | 1.6 | 0.4 | 1.2 | 0.0 | 0.9 | 0.9 | 1.6 | 1.0 | 1.0 | 0.6 | 1.0 | 0.1 | 1.2 | 0.8 | 0.5 | 0.8 | 0.5 | 0.2 | 1.2 | -1.4 | 0.3 | 91 | 92 | BB | A2A2 | Manchester | Infinity | 183N067 | \$24 |
| Pilier* | 74 | | 161 | 88 | 128 | 216 | 0.14 | 0.29 | 2154 | 0.3 | -0.2 | 0.6 | 0.6 | -1.1 | 0.6 | 2.2 | -0.1 | -0.5 | 0.0 | 0.5 | 1.4 | 1.6 | 0.9 | 1.3 | 1.5 | 1.7 | -0.2 | 1.9 | 0.6 | 0.7 | 0.0 | 1.0 | 0.2 | 1.0 | 1.0 | 0.7 | 0.1 | 0.1 | 1.6 | 0.8 | 1.4 | 0.7 | 1.4 | 0.4 | -0.1 | 1.1 | 91 | 91 | AB | A2A2 | Marvel | Bainville | 183N068 | \$26 |
| Portsall | 73 | 1 | 150 | 119 | 106 | 224 | 0.20 | -0.12 | 2796 | 1.2 | -0.4 | 0.3 | 0.1 | -0.3 | 0.2 | 2.2 | -1.0 | -1.1 | -0.7 | 0.9 | 1.1 | 0.7 | 0.3 | 0.5 | 0.8 | 1.1 | 1.6 | 1.1 | 0.3 | 0.7 | 0.9 | 2.3 | 0.5 | 0.4 | 1.0 | 1.0 | 0.8 | 0.7 | 1.3 | 0.7 | 1.2 | 0.4 | 0.5 | -0.1 | -1.7 | -0.1 | 92 | 92 | BB | A2A2 | Nintendo | Jolfover | 183N069 | \$24 |
| Reflexion | 73 | | 152 | 99 | 139 | 238 | 0.26 | 0.34 | 2090 | -0.9 | 0.5 | -0.6 | -0.6 | 0.3 | -0.2 | 2.8 | 0.2 | 0.6 | 0.0 | 0.3 | 0.1 | 1.8 | 1.8 | 2.0 | 1.7 | 1.3 | 0.3 | 1.4 | 1.9 | 0.7 | 0.6 | 0.6 | 0.6 | 0.7 | -0.3 | 0.7 | -0.1 | -0.8 | 1.0 | 0.5 | 0.9 | 0.0 | -0.5 | 1.0 | 0.4 | 0.0 | 90 | 89 | BB | A2A2 | Ghypsy | Jolfover | 183N074 | \$24 |
| Riddick* | 74 | | 151 | 40 | 81 | 121 | 0.03 | 0.24 | 1164 | 0.2 | -0.6 | 0.1 | 0.1 | 0.2 | -1.3 | 0.3 | -1.3 | -1.1 | -0.3 | 1.7 | 1.8 | 1.1 | 2.4 | 2.6 | 2.3 | 0.5 | -0.5 | 0.5 | 0.5 | 1.2 | -0.5 | 1.8 | 1.3 | 0.9 | 0.6 | 0.7 | -0.3 | 0.0 | 1.3 | 0.1 | 0.9 | 1.4 | 1.8 | 1.2 | 1.1 | 2.0 | 92 | 94 | BB | A2A2 | Nagua | Honfleur | 183N071 | \$25 |
| Seagal | 73 | | 147 | 68 | 86 | 154 | 0.05 | 0.06 | 1927 | 0.6 | 0.8 | 0.2 | 0.2 | 0.0 | 0.4 | 1.5 | 0.6 | 0.3 | 1.0 | -0.2 | -0.5 | -1.1 | 0.4 | -0.4 | -0.5 | -0.1 | 0.1 | -0.2 | 0.3 | 0.7 | 1.3 | 1.2 | 0.5 | 0.2 | 0.7 | 0.9 | 1.1 | 1.0 | 1.1 | 0.4 | 0.9 | 1.0 | 0.7 | 0.0 | 0.2 | 0.4 | 90 | 91 | BB | A2A2 | Orfevre | Labyrinthe | 183N073 | \$26 |
| Smiley | 73 | | 162 | 53 | 90 | 143 | 0.02 | 0.21 | 1617 | 0.6 | 1.0 | 0.6 | 0.9 | 0.4 | -0.4 | 1.6 | 0.7 | 1.1 | 1.7 | 0.6 | -1.3 | 0.3 | 0.3 | -0.4 | 0.1 | -0.4 | 0.2 | -0.8 | 0.5 | 0.9 | 1.6 | 1.9 | 1.1 | 0.7 | 0.8 | 1.3 | 1.3 | 2. | | | | | | | | | | | | | | | | |