



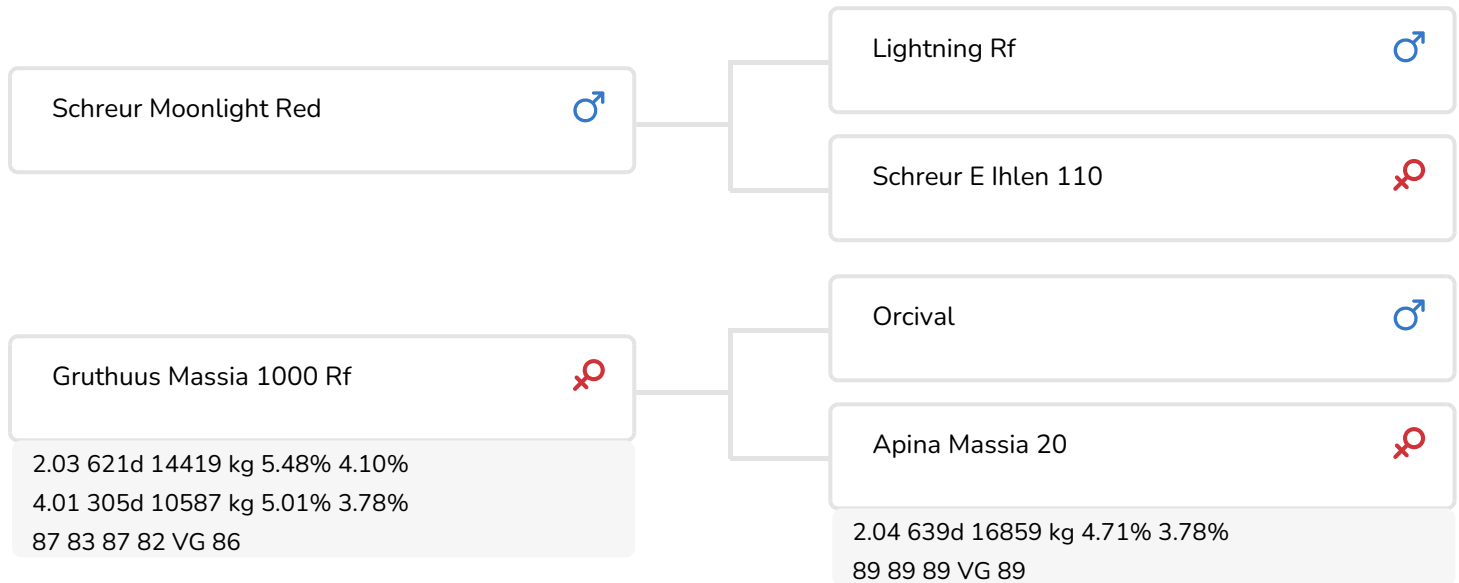
- + Top milkproductions
- + High protein
- + Excellent conformation
- + Very good feet & legs
- + aAa 342



Grashoek Mien 4 (VG 87) (s. Manhattan)
Owner: Melkveebedrijf Grashoek b.v., Grashoek (NL)

BULL INFORMATION

Name	Gruthuus Manhattan	Date of birth	2008-12-16
Herdbook number	NL 519144451	Gestation length	272
A.l.-code	36771	Kappa Casein	BB
aAa code	342	Beta Casein	A2/A2
colour	RB	Cow family	Massia
Breed	100% HF	Straw colour	Paars



Gruthuus Manhattan (Moonlight x Orcival x Lentini) is a fine typical bull facilitated with very good feet & legs and origins from one of the most famous red and white cowfamilies over the last couple of years; the Massia's. Manhattan knows as well via sires line (Labelle x Lucky Leo) as dam line (Orcival x Lentini) genetics from the Holstein population and has as a result of this a very good production and conformation base. On top of that is he supported by several generations bull dams, via maternal and paternal line.

Manhattan's sire, Moonlight, is a result of the successful combination Lightning RC x Merton (also proven bulls Balaton and Welberger Sonlight have this same success-formula). Moonlight inherits high milk productions and very good conformation. Especially the udders (superb rear udder and central ligament) and feet & legs have a very good quality. Besides that scores Moonlight good for longevity and somatic cell scores.

The dam line of Manhattan exists of three generations flush-cows (explaining the long lactation lists), who one by one have been successful. At the end, the Massia line is known for the high success rates in delivering proven bulls. Bulls like Match 2, Metallica, Tocar, Curtis and Kylian, all of them find their origin in this cow family....

BREEDING VALUES

NVI	INET	Lgv.
-158	9	-410

PRODUCTIEVERERVING

% Rel	Daughters	Herds			
99	1112	393			
KG milk	% Fat	% Protein	KG fat	KG protein	Inet
-149	-0.04	0.17	-10	9	9

FUNCTIONAL TRAITS

Calving ease		95
Vitality		100
Beef index		98

DAUGHTERS

Fertility		89
NR		98
Calving interval		88
Mat. calving process		101
Mat.Vitality		92
Persistency		97
Maturity rate		99
Udder health		95
Somatic cell count		99
Milking speed		94
Robot efficiency		94
Robot interval		100
Robot habituation		105
Claw health		93
Temperament		100
Body weight		96

TYPE SCORE

% Rel	Daughters	Herds
98	211	103

TYPE SCORE

Frame		100
Udder		97
Feet & Legs		99
Total Score		98
Stature		99
Chest width		94
Body depth		104
Angularity		103
Condition		94
Rump Angle		100
Rump Width		102
Rear legs Rear view		99
Rear leg Set		103
Foot Angle		98
Front feet orientation		94
Locomotion		100
For udder attachment		95
Front teat placement		104
Teat length		101
Udder depth		94
Rear udder height		101
Central ligament		110
Rear teat placement		113
Udder balans		100



Elza 33 (s. Manhattan)
Owner: Bardoel V.O.F., Ravenstein-Deursen (NL)



Agnes 18 (s. Manhattan)
Owner: Bardoel V.O.F., Ravenstein-Deursen (NL)



Harmke 169 (s. Manhattan)
Owner: Mr. S.J. Asma, Ens (NL)



Udder of Harmke 169 (p. Manhattan)
Prop.: Sr. S.J. Asma, Ens (NL)



Harmke 167 (s. Manhattan)
Owner: Mr. S.J. Asma, Ens (NL)



Harmke 169 & Harmke 167 (s. Manhattan)
Owner: Dhr. S.J. Asma, Ens (NL)



Hermien 225 (s. Manhattan)
(3th lactation)
Owner: Mts. J. & P. & T. Veldman-Tijs, Laag Zuthem (NL)



Annie 165 (EX 90) (s. Manhattan)
Owner: Mts. M. & M. Harbers-Ruessink, Borculo (NL)