



DELTA G-FORCE
(MAN-O-MAN X JORDAN
X JOCKO)

Production: genomic data 59% reliability, UK conversion (source: DairyCo, GES August 2011)

Kg M	% fat	% prot.	Kg fat	Kg prot.	PLI
+552	+0.06	+0.02	+23.1	+25.3	£204

Longevity: +556 days

SCC: -16

Calving ease: 110

Temperament: 100

Milking speed: 99

Fertility: 102

Conformation traits: GES August 2011, rel. 60%

	88	100	112
frame	107		
dairy strength	100		
udder	107		
feet and legs	107		
total score	109		
stature	110		
chest width	101		
body depth	104		
angularity	107		
condition score	95		
rump angle	100		
rump width	104		
rear legs rear view	102		
rear legs side view	98		
foot angle	106		
locomotion	104		
fore udder attachment	104		
front teat placement	105		
teat length	103		
udder depth	107		
rear udder height	105		
central ligament	105		
rear teat placement	105		

High lifetime production

Delta G-Force entered the Dutch black-and-white genomics list in April 2011 as the absolute number-one bull and he retained this position firmly in August with +302 NVI. He ensures extreme high lifetime production by combining a high milk yield (+552 kg of milk) and protein inheritance (+25 kg) with +556 days longevity. To top it off he transmits a very complete conformation (109 total conformation).

For further information on all CRV InSire bulls, contact Avoncroft on 0800 7831880.

The cow family behind G-Force is growing from obscurity into a dynasty

Made in Holland

The Wiza family does not perhaps have the sexy character or an international image of a thoroughbred cow family that can dash off pedigrees with six or more excellent generations. But the Wiza line is a Dutch source of genes with bulls and cows that have proved themselves on Dutch soil.

text Tijmen van Zessen

His straws were sold out within 12 hours in The Netherlands. Producers who ordered G-Force via the Internet were flocking to get hold of the top genomic bull of the Netherlands.

With an NVI of 302 and a type score of 109, G-Force is a very promising bull. Even if he should drop 100 points of NVI when he gets his daughter proof he will still hold his own with the current crop of bulls.

The story behind the cow family behind G-Force starts at the moment that Henk Buijs visited the farm of Johan and Els Brouwers. CRV's breeding expert looked at daughters of Hidden Future (sire: Newhouse Ronald) that had been selected for a daughter progeny group. In Wiza 192 he saw a second calved Future daughter that was just starting her lactation and was exactly right. "She was a cow worth 85 points, but had never

been classified. She was too fresh to fit in the daughter group, but was certainly the best developed Future daughter and gave the impression of being sturdy."

Wiza 197 to CRV test barn

Wiza 192 produced more than 80,000kg of milk in total and left the Brouwers farm in 2010 year. "At the beginning of the 90s I bought a couple of young cows from a herd who were giving up milking. With that purchase the Wizas arrived on our farm," Johan Brouwers says. "Wiza 192 was one of the best cows that I have ever had. She had excellent legs, moved easily through the barn and was productive enough to achieve 100,000kg of milk but eventually her udder let her down."

The 145 cows the family milk produce a rolling annual average of 9,476kg of milk with 4.34% butterfat and 3.57%

protein. The Brouwers family are not used to cows with a lifetime production like Wiza. Wiza 192 not only qualified for the daughter progeny group, she also appeared to do well with her production index. "When I saw that she had a heifer from Jocko Besne I made a deal with Johan to buy the calf," Henk Buijs says.

Wiza 197 moved to the CRV test barn. "It was during the period that the daughters of Jocko Besne first came into milk and their popularity was growing. We were deliberately looking for Jocko calves from good dams. In the same way, for example, that Goolstar Diamond came into the picture."

Donor station

In the Delta herd Wiza 197 produced 8,313kg of milk, with 4.08% butterfat and 3.56% protein, in her first lactation and classified 85 points for total score with 86 points for udder and feet and legs. Due to her intensive use as donor cow, she has never produced a second lactation.

Wiza 197 was flushed with bulls including Mascol and Delta Novalis and Swamo Delta Jordan. The popular Delta Malaga came from the combination with Jordan. In his first proof Malaga realised +1,084kg of milk and now, with 32 second-crop daughters, he has a Dutch breeding value of +1,517kg of milk. Looking at the image of his mother it is clear to see the inheritance in his daughters with udder (107) and legs (107) being Malagas' strongest characteristics. Delta Malaga will, however, never



Mascol daughter Delta Wanda, half sister to Delta Gem

become as influential as his full sister. There are currently five Delta Gem sons being tested and there are still two or three that could make breeding bull status. One of the sons is now the famous Man-O-Man son G-Force, but there are also sons from Cricket, Goli, Legend, Bogart and Gerard. Gem was inseminated as a yearling and flushed via the IVF technique. After her first lactation at one of the CRV Delta herds she was brought back to the donor station to work as a bull mother.

Only 10% of the CVR donors are able to go so far. Why the popularity? "She isn't the super donor with 88 points for type

and big production lists. The quality of the cow lies in her all-round aptitude. She has few faults and is free from Goldwyn, OMan and Shottle and therefore has an out-cross pedigree. At the same time with Jordan, Jocko, Future, Marconi and Sunny Boy in her pedigree there isn't a failure", explains Delta coordinator Jaap Veldhuisen.

At the Delta herd she achieved a 305-day lactation of 9,124kg of milk with 3.89% butterfat and 3.30% protein. She has been classified with 84 points and has an index of 106 for total type with an NVI of 221. Jaap says: "That is +87 NVI on the breeding value without genomics – a positive deviation that doesn't often occur."

Massia comparison

Gem and G-Force are not the end of the story for the Wizas. From Gem herself more young daughters have been designated as donor cows: a half sister from Mascol for example. Delta Wanda has 86 points and in the test came out at 9,910kg of milk with 4.60% butterfat and 3.60% protein in 305 days. She scores 240 NVI and will be used as a bull dam.

A full sister of Wanda has a natural pregnancy under contract. Delta Wies began her second lactation at the CRV Delta herd with daily productions of 54 and 58kg of milk.

And so will, until recently, an obscure but Dutch pure-bred cow family reveal itself as a dynasty the size of the famous Massia family? Jaap thinks about it and then says, diplomatically: "It certainly could." |

Jocko daughter Wiza 197, grand dam of Delta G-Force

