

Animal

7.4 Name :Delta Relevant
 6 Number :NL 659618111
 3 Breed :Holstein Friesian
 4 Section :Main
 5 Sex :Male
 Milkabil. :101

13.1	Ib	Base	%R	F	T	U	L	M	T
Bv Type	:GFw	Z20	94	99	101	103	103		103
Bv prod.	:GFw	Z20	91	+569	+0.34	+0.19	+56	+38	

14 Service : 14.1 Service date :

Bull

Sire

Name :Buisweerd Mobile
 Number :NL 938401263
 Section :Main
 Ped.verif :DNA
 Born :17.07.2012
 Calv.eas. :Average
 Milkabil. :96

Ib	Base	%R	F	T	U	L	M	T
Bv Type	:GFw	Z20	99	93	98	101	102	99
Bv prod.	:GFw	Z20	99	-360	+0.72	+0.37	+46	+19

Dam

Name :Willem's-Hoeve Rita 1157
 Number :NL 920911576
 Section :Main
 Ped.verif :No
 Born :07.11.2013
 BLF CDF DPF
 BP +172

Ib	Base	%R	F	T	U	L	M	T
Bv Type	:GFw	Z20	87	101	103	104	99	102
Type cl.	:	Z	83	78	78	79		79

Ib	Base	%R	KgM	%F	%P	KgF	KgP
Bv prod.	:GFw	Z20	87	+894	+0.02	-0.13	+40 +18

Age	Days	KgM	%F	%P	KgF	KgP
Prod	:2.10	281	7107	4.65	3.70	331 263
Lifetime	: 1	281	7107	4.65	3.70	331 263

13.2 Publication date breeding values:
 - Male :02.12.2020
 - Female :10.12.2020

10 Breeder : CRV Giekerk - opfok
 Gytsjerk
 11 Owner : CRV Afd Foktechniek
 Arnhem

103
641

Paternal grand sire

Name :Delta G-Force
 Number :NL 533730469
 Section :Main
 Bv Type :GFw Z20 99 98 99 103 105 103
 Bv prod. :GFw Z20 99 +675 +0.17 +0.16 +45 +39
 S :Long-Langs Oman Oman
 D :Delta Gem
 CVF BLF CDF BYF DPF
 RTF
 Born :09.04.2010BP +263
 US 135746776
 NL 438351468

Paternal grand dam

Name :Horst Maistein 110
 Number :NL 527967594
 Section :Main
 Bv Type :GFw Z20 87 98 101 102 99 100
 Bv prod. :GFw Z20 89 +270 +0.02 +0.13 +13 +21
 1st lac :2.03 305 8998 4.23 3.86 381 348
 Best lac :3.05 301 11676 4.20 3.65 490 426
 Lifetime : 2 656 21721 4.26 3.77 924 818
 S :Beekmanshoeve Bertil
 D :Horst Maistein 70
 BLF CDF DPF
 Born :27.02.2009BP +114
 NL 355478033
 NL 440664804


Maternal grand sire

Name :Vekis Chevrolet
 Number :NL 765206109
 Section :Main
 Bv Type :GFw Z20 99 101 105 104 106 106
 Bv prod. :GFw Z20 99 +1554 -0.36 -0.22 +28 +31
 S :Badger-Bluff Fanny Freddie
 D :Larcrest Chenoa
 RFF CVF BLF CDF BYF
 Born :29.12.2011BP +208
 US 60996956
 US 56264510

Maternal grand dam

Name :Willem's-Hoeve Rita 885
 Number :NL 758908856
 Section :Main
 Bv Type :GFw Z20 86 105 105 101 98 102
 Bv prod. :GFw Z20 87 +1386 +0.14 -0.20 +73 +28
 1st lac :2.11 305 14672 4.70 3.32 689 488
 Best lac :7.09 305C 20634 4.52 3.15 932 650
 Lifetime : 4 2002 95961 4.87 3.42 4674 3281
 S :Flevo Genetics Snowman
 D :Willem's-Hoeve Rita 331
 BLF CDF DPF
 Born :11.01.2012BP +287
 NL 388965513
 NL 499403319

15.1 Place : Arnhem
 15.2 Date : 15.01.2021
 15.3 Name : J.A.L. Buiting MBA Manager Herdbook
 15.4 Signature :



NL 659618111



1811

Zootechnical certificate in accordance with Regulation (EU)2016/1012 for trade

in SEMEN of purebred breeding animals of the following species:

(a) bovine species (Bos taurus, Bos indicus, Bubalus bubalis)



Certificate number

—

All EU official languages of the zootechnical certificates, including footnotes and notes, are available in EUR-Lex

A. Information on the donor male purebred breeding animal

1. Name of issuing breed society / competent authority
Coöperatie CRV ua, Wassenaarweg 20, 6843 NW Arnhem, The Netherlands
Phone : +31 26 389 88 00 Fax : +31 26 389 88 88 Email: coöperatie@crv4all.com Website: www.cooperatie-crv.nl

2. Name of breeding book **CRV Herd book** 3. Name of breed of donor male **Holstein Friesian**

4. Class of the main section of the breeding book where donor male is entered **Main Section**

5. Breeding book number of donor male **NL 659618111** 6. Individual identification number for donor mail of the equine species —

7. Identification of donor male
7.1. System **Eartag** 8. Identity verification
7.2. Individual identification number **NL 659618111** 8.1. Method **DNA**
7.3. Animal health identification number 8.2. Result **Verified**
7.4. Name **Delta Relevant**

9. Date (dd.mm.yyyy) and country of birth of donor male **14.12.2015 The Netherlands**

10. Name and address of breeder **CRV Giekerk - opfok, Gytsjerk**

11. Name and address of owner **CRV Afd Foktechniek, Arnhem**

12. The pedigree of the donor male

12.1. Sire **Buisweerd Mobile** 12.1.1. Paternal Grandsire
NL 938401263 **Main Section** **Delta G-Force**
NL 533730469 **Main Section**

12.1.2. Paternal Granddam
Horst Maistein 110
NL 527967594 **Main Section**

12.2. Dam **Willem's-Hoeve Rita 1157** 12.2.1. Maternal Grandsire
NL 920911576 **Main Section** **Vekis Chevrolet**
NL 765206109 **Main Section**

12.2.2. Maternal Granddam
Willem's-Hoeve Rita 885
NL 758908856 **Main Section**

13. Additional information

13.1. Results of performance testing (see other page/attachment)
13.2. Up-to-date results of the genetic evaluation carried out last on (dd.mm.yyyy) **02.12.2020 (Male); 10.12.2020 (Female)**
13.3. Genetic defects and genetic peculiarities of the animal in relation to the breeding programme (see reverse side/attachment)
13.4. Other relevant information on purebred breeding animal (see reverse side/attachment)
13.5. Other relevant information, including results of performance testing or genetic evaluation, on parents and grandparents, if not indicated in point 12 (see reverse side/attachment)

B. Information on SEMEN: See attachment

14. Validation 14.4. Signature

14.1. Done at **Arnhem**
14.2. on **15.01.2021**
14.3. Name and capacity of the signatory **J.A.L. BUITING, MANAGER HERDBOOK**





dr. van haeringen **laboratorium b.v.**
a **VHLGenetics** company

CRV Crediteurenadministratie
Postbus 454
6800 AL ARNHEM
Customer number 5

Analysis Certificate

Animal data

Name: DELTA RELEVANT
Date of birth: 14.12.2015
Sexe: Male
Reg. nr.: NL 659618111

Sample data

VHL_ID: R498692
Test ID-nr: 403062 1
Material: Hair

Parent data

Dam: NL 920911576 / VHL_ID: R498439 / Willem's Hoeve Rita 1157
Sire: NL 938401263 / VHL_ID: R449910 / Buisweerd Mobile

Parentage: Parentage qualifies, based on DNA-typing.

DNA markers:

TGLA227	81	/	87	INRA23	202	/	210
BM2113	125	/	135	BM1818	260	/	266
TGLA53	184	/	186	ETH3	117	/	129
ETH10	219	/		ETH225	148	/	150
SPS115	248	/		BM1824	178	/	188
SPS113	141	/	151	CSRM60	92	/	100
RM067	92	/		MGTG4B	135	/	141
TGLA126	117	/		CSSM66	185	/	189
TGLA122	143	/	149	ILSTS006	288	/	294

W.A. van Haeringen, PhD
Executive Director

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Pedigree

46 Willem's-Hoeve Rita 885

Crv
Postbus 454
6800 AL ARNHEM
Tel: 026-3898700

Postbus 454, 6800 AL Arnhem

306577 Fa. D. de Jong en Zn.

Processing date 15/01/21

© CRV Arnhem

Animal

Name : Willem's-Hoeve Rita 885 BL- CD- DP-
Reg.no : NL 758908856 Born : 11/01/12
Id. no. : 46 Sex : F
Breed : 100%HF Color : BW

Conformation
M/yr Bas %r F Ds U F&L M Tot
GFw12/20 Z20 86 105 105 101 98 102
Age St Tot
3.06 Z 87 87 84 83 85

Production
M/yr Bas %r KgM %fat %prot KgF KgP Inet
GFw12/20 Z20 87 +1386 +0.14 -0.20 +73 +28 +287
Age Days
2.11 460 20082 4.91 3.44 987 692
14672 4.70 3.32 689 488
4.04 580 26415 4.91 3.55 1298 937
16104 4.93 3.27 794 526
6.02 493 21618 5.03 3.38 1087 731
15461 5.09 3.15 787 486
7.09 469CL 27846 4.68 3.31 1302 921
20634 4.52 3.15 932 650
Total(4) 2002 95961 4.87 3.42 4674 3281

Ns

Date : 28/12/20
Bull : R Viano
Reg.no : NL 605021574 Born : 03/04/19

Sire

Name : Flevo Genetics Snowman PO- CV- BL- CD- BY-
Reg.no : NL 388965513 Born : 14/01/05
Breed : 100%HF Color : BW
AI-code : 763950
NVI : 110

Milk. Sp. : 96 Calv.eas. : 99
Conformation
M/yr Bas %r F Ds U F&L M Tot
FW 12/20 Z20 99 101 102 104 98 102
Production
M/yr Bas %r KgM %fat %prot KgF KgP Inet
FW 12/20 Z20 99 +2196 -0.40 -0.28 +49 +46 +321

Dam

Name : Willem's-Hoeve Rita 331 CV- BL- CD- DP-
Reg.no : NL 499403319 Born : 28/03/08
Breed : 100%HF Color : BW

Conformation
M/yr Bas %r F Ds U F&L M Tot
GFw12/20 Z20 90 101 103 105 103 105
Age St Tot
6.10 Z 92 90 86 88 89

Production
M/yr Bas %r KgM %fat %prot KgF KgP Inet
GFw12/20 Z20 93 -6 -0.02 -0.04 -2 -4 -20
Age Days
2.00 670 18319 4.22 3.81 773 697
9747 3.98 3.63 388 354
4.02 794 24518 4.70 3.91 1153 958
11619 4.56 3.79 530 441
6.06 379 17227 4.21 3.53 726 608
14560 4.18 3.50 608 510
Total(3) 1843 60064 4.42 3.77 2652 2263

Paternal grandsire

Name : O-Bee Manfred Justice-ET RF- CV- BL- CD- BY-
Reg.no : US 122358313 Born : 08/03/98
Milk. Sp. : 98 Calv.eas. : 114 NVI : 89
FW 12/20 Z20 99 101 105 95 94 95
FW 12/20 Z20 99 +671 +0.00 +0.02 +28 +25 +172

Paternal granddam

Name : Broeks Mbm Elsa
Reg.no : CZ 7434921 Born : 22/02/03
FW 12/20 Z20 88 97 95 106 100 102
5.04 Z 89 92 92 87 90
FW 12/20 Z20 91 +960 -0.53 -0.39 -11 -5 -30
2.03 406 14073 4.70 3.51 662 494
10938 4.65 3.42 509 374
Total(2) 752 27841 4.47 3.36 1246 936

Maternal grandsire

Name : Ramos BY+ CV- BL- CD- DP-
Reg.no : DE 341485350 Born : 26/06/97
Milk. Sp. : 100 Calv.eas. : 104 NVI : 75
FW 12/20 Z20 99 91 97 103 101 99
FW 12/20 Z20 99 -598 +0.05 -0.08 -21 -27 -166

Maternal granddam

Name : Willem's-Hoeve Rita 4706
Reg.no : NL 440447065 Born : 23/02/06
FW 12/20 Z20 78 103 102 110 96 104
2.01 Z 88 88 88 83 87
FW 12/20 Z20 81 -17 -0.15 -0.08 -14 -8 -60
2.01 326 10551 3.88 3.49 409 368
10116 3.85 3.47 389 351
4.04 195 7847 3.71 3.29 292 259
Total(2) 521 18398 3.81 3.41 701 627

Applicant : CRV Afd Foktechniek
Arnhem

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