

1. A rego certificate



DNA CASE No.

BLOOD TYPE CASE No.

This is to certify
the registration of

HOL-AUS SAMPLEONLY LORDPRES NORA

CERTIFICATE OF REGISTRATION

REG. No. A14883U

The Holstein-Friesian Association of Australia Inc.

REGISTERED COW

96%RHA

BORN 30/06/02

HERD RECORDING No. XXXXXXXX

3247

NATIONAL ID. H01413156

HERD BOOK No. 1413156

SIRE

CLYDEVALE LORD PRESTO-ET-TV 851470 RHA

SINGING-BROOK N-B MASCOT-ET-TD-TL USAM2020049 RHA

CLYDEVALE PANDORA-ET 606415 RHA

MURRAY PINES FANTASTIC PENNY-ET 467972 RHA

PHYSICAL IDENTIFIERS

EAR TAG 3247

DAM

HOL-AUS SAMPLEONLY NINEFOLD OPAL 1413153 APP1 93%RHA

ELITE MOUNTAIN DONOR-IMP-ET-TV 668474 RHA

HOL-AUS SAMPLEONLY DONOR PAMELA 1413150 APP2 87%RH

HOL-AUS SAMPLEONLY JUDGE DEWDROP 1413147 APP3 75%R DATE ISSUED 02/11/06

BRED BY: HOLSTEIN AUSTRALIA (318439)

P O BOX 489

HAWTHORN BC

3122

ORIGINAL
OWNER: HOLSTEIN AUSTRALIA

CURRENT
OWNER: HOLSTEIN AUSTRALIA

P O BOX 489

HAWTHORN BC

3122

Validating Signature

PLEASE SIGN HERE certifying that the
details on this document are correct and
accurate.

This document is invalid unless the signature of
the original owner appears where indicated on the
"Validating Signature" line.

IMPORTANT

Identification photo should be placed in this space.
Peel off the backing paper to expose the adhesive,
and fix the trimmed photo to the document.

DOUBLE TAGGING - PLEASE SEE REVERSE

This Certificate is issued by, and remains at all times the property of, The Holstein-Friesian Association of Australia Inc. (Holstein Australia) for the identification of the animal hereon described and registered in the Australian Herdbook according to particulars provided by the breeder.

This Certificate is validated by the signature of the original owner affixed hereto, who attests to the accuracy and completeness of breeding details and the identification of this animal as printed or depicted hereon.

This Certificate remains valid only while in the possession of the titleholder currently recorded in the Herdbook, and indicated above as owner or breeder. The reverse side must be endorsed and the Certificate returned to the Holstein Australia in the event of a change of ownership, or on the death or deregistration of this animal.

This Certificate identifies a Holstein animal registered in accordance with Holstein Australia bylaws, and which may not be portrayed as grade or unregistered until such time as this document is surrendered to

THE HOLSTEIN-FRIESIAN ASSOCIATION OF AUSTRALIA INC., PO Box 489, Hawthorn BC Vic. 3122 Ph: (03) 9835 7600

2. An Extended Pedigree



HOL-AUS SAMPLEONLY LORDPRES NORA

REGISTERED COW 96% RHA
HERD BOOK 1413156
PHYS ID EarTag 3247
HERD REC XXXXXX 3247
NLIS

DATE OF BIRTH : 30/06/02
OWNER: 318439 HOLSTEIN AUSTRALIA

H01413156

AGE	MILK	PROT	%	FAT	%	DAYS	PPI	L	M	H
2-3	5448L	174Kg	3.19	195Kg	3.58	282	98			
3-2	6840	222	3.25	266	3.89	283	100			
2L's:	12288	396	3.22	461	3.75					

OFFICIAL EXTENDED PEDIGREE Issued : 02/09/09

CLYDEVALE LORD PRESTO-ET-TV 851470
VG87 RHA 29/08/97 LORDPRES
PRODUCTION ABV 8/09 APR +45 ASI +4
M +703 P+7 P%-0.22 F+11 F%-0.28 REL 99% RIP% 16

TYPE ABV 8/09 OT 104 MS 104 REL 99%

WORKABILITY Msp 103 Tmp 104 Lk 104 REL 99%
DTR FERTILITY 105 REL 99%
CELL COUNT 111 REL 99%
SURVIVAL 105 REL 99%

SIRE 2 EX DTRS, 84% GP+ DTRS

ETAZON LORD LILY-TL-CV NLDLM780180664
VG RHA 06/06/91 NLDLORD
PRODUCTION ABV 8/09 APR +52 ASI +30
M +241 P+8 P%+0.03 F+12 F%+0.03 REL 98% RIP% 11
TYPE ABV 8/09 OT 106 MS 105 REL 96%
WORK Msp 99 Tmp 102 Lk 102 REL 94%
DTR FERT 99 REL 92% CELL COUNT 125 REL 98%

CLYDEVALE PANDORA-ET 606415
VG85 4.1Y R84 F82 M85 D91 RHA 03/12/92 494404560
2-4 7850L 253Kg 3.22 230Kg 2.93 300
3-8 11304 372 3.29 424 3.75 300
8-11 6564 245 3.73 288 4.39 305
3L's: 35990 1278 3.55 1411 3.92

TO-MAR BLACKSTAR-ET-TD-TL-TV USAM1929410
EX RHA 17/05/83 7H1897
ABV 8/09 M+411 P+3 P%-0.15 F-5 F%-0.32 REL 99%

HIGH-SIGHTS ROTATE LILY-TL USAF12951348
VG RHA 29/03/87 G02001350
1L's: 12399L 492Kg 3.85 620Kg 4.85

SINGING-BROOK N-B MASCOT-ET-TD-TL USAM2020049
VG RHA 16/05/86 8H2085
ABV 8/09 M+530 P+12 P%-0.04 F-8 F%-0.44 REL 99%

MURRAY PINES FANTASTIC PENNY-ET 467972
VG87 4.4Y R84 F87 M87 D87 RHA 13/07/89 494404386
6L's: 54873L 1895Kg 3.45 2288Kg 4.17

HOL-AUS SAMPLEONLY NINEFOLD OPAL 1413153 APP1
93% RHA 30/06/00 H01413153

AGE	MILK	PROT	%	FAT	%	DAYS	PPI	SCC	L	M	H
2-0	5202L	145Kg	2.79	178Kg	3.42	305	103				
3-8	7499	251	3.35	202	2.69	305	117				
4-7	8673	290	3.34	299	3.45	305	120				
3L's:	28545	942	3.30	951	3.33						

KEYMER NINA WINLUKE-TL 869155
VG87 RHA-L 21/02/97 NINEFOLD
PRODUCTION ABV 8/09 APR +104 ASI +77
M +741 P+23 P%+0.06 F+27 F%-0.06 REL 99% RIP% 14
TYPE ABV 8/09 OT 105 MS 103 REL 99%
WORK Msp 100 Tmp 103 Lk 103 REL 99%
DTR FERT 103 REL 99% CELL COUNT 100 REL 99%
SIRE 1 EX DTRS, 84% GP+ DTRS

STRATHAIRE SOUTHWIND LUKE-ET-RC-TL-TV 98597
EX SUPERIOR SIRE RHA-L 29/06/91 WINLUKE
ABV 8/09 M+99 P+8 P%+0.10 F+8 F%+0.06 REL 99%
APR +22 TYPE ABV OT 104 MS 101 REL 99%

PEN COL MASCOT NINA 3-IMP-ET 639084
GP82 2.6Y R80 F80 M82 D83 RHA 22/10/93 Q96069603
2-2 8131L 266Kg 3.27 293Kg 3.60 300
1L's: 12170 401 3.29 445 3.66

HOL-AUS SAMPLEONLY DONOR PAMELA 1413150 APP2
87% RHA 30/06/97 H01413150
SCC

AGE	MILK	PROT	%	FAT	%	DAYS	PPI	SCC	L	M	H
2-2	7632L	251Kg	3.29	254Kg	3.33	282	97				
3-0	7216	243	3.37	252	3.49	278	105				
4-0	8135	295	3.63	302	3.71	305	102				
5-0	9037	299	3.31	335	3.71	305	100				
6-1	6213	201	3.24	241	3.88	305	99				
7-6	7034	222	3.16	246	3.50	305	101				
6L's:	48143	1622	3.37	1750	3.64						

ELITE MOUNTAIN DONOR-IMP-ET-TV 668474
VG85 RHA 26/04/94 DONOR
ABV 8/09 M+1072 P+35 P%+0.11 F+20 F%-0.37 REL 99%
APR+116 TYPE ABV OT 105 MS 103 REL 99%

HOL-AUS SAMPLEONLY JUDGE DEWDROP 1413147 APP3
75% RHA 30/06/94 H01413147

1-11	7414L	184Kg	2.48	220Kg	2.97	284	
3-0	8538	272	3.19	307	3.60	305	
4-3	6943	232	3.34	284	4.09	305	
3L's:	31290	996	3.18	1122	3.59		

-CV = CVM CARRIER -RC = RED FACTOR CARRIER
-TL = TESTED BLAD FREE -TV = TESTED CVM FREE
-TD = TESTED DUMPS FREE

3. The back of an Extended Pedigree which describes how to read things

DETAILS OF INDIVIDUAL ANIMALS WITHIN PEDIGREE:

LINE 1 ANIMAL IDENTIFICATION

The name, suffix code and Herdbook Number are provided on one line.

Suffix Codes:

-OC = Off Colour -ET = Embryo Transfer -ETC = Clone
 -TWIN = Twin -TRIP = Triplet -IMP = Imported
 -R = Red Hair Colour -RB = Red Black Factor

Carriers of heritable traits or diseases:

-RC = Tested Carrier of Red Hair Colour
 -BLAD = Bovine Leukocyte Adhesion Deficiency (BLAD)
 -DP = Deficiency of Uridine Monophosphate Synthase (DUMPS)
 -CN = Bovine Citrullinaemia, Deficiency of Arginosuccinate Synthetase
 -MF = Mule Foot (Syndactylism)
 -XI = Deficiency of Factor XI
 -CVM = Complex Vertebral Malformation (CVM)

Tested free of heritable recessives:

-RF = Tested free of Red Hair Colour -TM = Tested free of Mule Foot
 -TL = Tested free of BLAD -TX = Tested free of Factor XI
 -TD = Tested free of DUMPS -TV = Tested free of CVM
 -TC = Tested free of Citrullinaemia

LINE 2 CLASSIFICATION

The latest classification (VG, GP etc) and score (86, 82 etc) is provided with the age in years and months (eg 2.6Y = 2 years and 6 months of age) when last classified.

Excellent animals include an extra 1E, 2E etc to indicate their EX classification in successive lactations.

The composite trait descriptions are recorded next to their composite value as R = Rump, F (or F&L) = Feet & Legs, M (or Mamm) = Mammary, D (or DS) = Dairy Strength. Value range for composite traits = 40 to 96.

For males in the first three generations the RHA value, Date of Birth and Secondary NASIS code is provided underneath the Herdbook number where applicable. For females the National Identification number is provided, if available, instead of the Secondary NASIS.

An animal depicted as RHA (Registered Holstein Ancestry) has ancestors back to the original Herdbook or from 100% ancestry overseas.

RH-L (Registered Holstein Lineage) animal can be 100% Holstein having ancestors originating through the Appendix system.

AWARDS (Male) SUPERIOR SIRE Award and year acquired

LINE 3 AWARDS (Female, left side of line)

STP = Superior Total Performance Award

2* = Two Star Brood Cow

1EP = Awarded once for Elite Production Award (with a minimum combined of 3.2% protein, 3.8% fat, 365 kg protein and 450 kg fat).

2M = Awarded twice for 11000 litres or more milk (min. 3.0% protein and 3.3% fat) in an individual lactation of 305 days.

1P = Awarded once for 365 kg or more protein (min. 3.0% protein and 3.3% fat) in an individual lactation of 305 days.

1F = Awarded once for 450 kg or more fat (min. 3.0% protein and 3.3% fat) in an individual lactation of 305 days.

Lifetime production:

L(1) = 70 000 litres milk, 2275 kg protein and 2660 kg fat
 L(2) = 80 000 litres milk, 2600 kg protein and 3040 kg fat
 L(3) = 90 000 litres milk, 2925 kg protein and 3420 kg fat (Silver)
 L(4) = 100 000 litres milk, 3250 kg protein and 3800 kg fat (Gold)
 L(5) = 110 000 litres milk, 4180 kg protein and 3575 kg fat (Diamond)

EMBRYO TRANSFER HISTORY (right side of line)

Females that have participated in an embryo transfer programme are designated "ET Donor" and a separate Embryo History report is generated with the pedigree.

LINE 3-4(Male), 4-5(Female) Australian Breeding Values (ABVs) are calculated several times each year (eg 8/06) by the Australian Dairy Herd Improvement Scheme. Production ABVs are Breeding Values which are estimates of genetic merit relative to an average and expressed as litres milk, kg protein, percent protein, kg fat, percent fat and the reliability of the ABV.

The ASI is the Australian Selection Index.

The APR is the Australian Profit Ranking calculated for males only.

Records in Progress (RIP%) is the percentage of animals having multiple test day records in contributing to the proof.

LINE 5(Male): OTHER SIRE PROOF DETAILS

Type ABVs show the year of analysis, the Overall Type (TYPE SCORE), Mammary System and the reliability of the type proof.

Workability ABVs display the Milking Speed (Msp), Temperament (Tmp), and Likeability (Lk) results alongside the reliability of the ABV.

Daughter Fertility, Cell Count and Survival ABVs are displayed for the male animal, sire and maternal grand sire only.

LINE 6+ DAM PRODUCTION

Lactation data for production is sourced from the ADHIS, various Data Processing Centres in Australia and from Official Overseas Pedigrees.

When available to Holstein Australia, lactation information is provided from line 6 showing actual production figures.

The Production Index(PI) is provided (if on Holstein Australia records) as Fat + Protein PI(FPPI), Protein PI(PPI), Milk PI(MPI) or Fat PI(FPI).

Somatic Cell Count (SCC) is provided (if on Holstein Australia records) as number of tests with Low(<200,000), Medium(200-500,000), High(>500,000).

OTHER

For males, the number of Excellent daughters (EX DTRS) and the percentage of GP or better daughters is provided where there are 10 or more classified daughters.

For females, where there are 3 or more classified daughters, the number at each category (EX, VG etc) is displayed.

All Australian placings, as well as Show Champions, Intermediate and Reserve Champions for All Australian nominated shows are presented where space permits.

Holstein Australia aims to provide information as completely and accurately as possible. However Holstein Australia cannot accept responsibility for any errors or omissions in this document arising from information supplied.