



Member Booklet

September 2015

Please note that templates and references to 3rd party software were correct at time of printing and are used for demonstration purposes only.

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MODEL COW

Model Cow Profile

An ARDB cow should exhibit a calm nature coupled with a strong motivation to forage and ruminate, with inbuilt resilience. Her outward appearance should avoid extremes, combining vigour and robustness with a strong will to milk, flawless reproductive performance and strong resistance to all diseases. She must move freely throughout her daily routine and convert forage into high quality milk efficiently. These characteristics should also be evident in young calves, enabling them to attain target growth rates and correct bodyweight at first calving.

Visual Characteristics

- An ARDB cow should be red, or red and white, with preferably no white pigment around her eyes.
- Stature should be between 140 and 145 centimetres at the hip, while body/chest depth and width should be generous, but not excessive.
- Dairy character and angularity need to exhibit the will to milk, but not at the expense of reproductive performance, cow health or her ability to build sufficient body condition in late lactation.
- Her rump should be of moderate length and width, with a gentle rearward slope to maintain high reproductive performance, good leg function and effortless udder carriage. She should have intermediate leg set, generous heel depth and parallel rear legs, set on durable dark hooves, for proper function in grazing farm systems.
- Udders should be shallow in depth with strong attachments and centre ligament, be well balanced with strong fore-udders. Udder texture should be soft and pliable. Teats must be of adequate length and thickness, squarely positioned in the middle of each quarter, avoiding close rear teats, and be compatible to all forms of milking machine automation and must milk out freely.

Production Traits

- Breeding values for the model ARDB cow ranks her in the top 10% of the breed.
- When fed appropriately in profitable pasture based forage systems, the ideal ARDB cow is able to produce as a mature cow in excess of 650kgs Milk Solids, in 305 day lactations.
- ARDB milk Protein and Fat percentages will be higher than industry average.
- Lactation persistence is essential where it does not negatively affect reproduction or cow health traits.

Health Aspects

- Herd life of the ideal ARDB cow should be six lactations or more and she should not be prone to metabolic diseases, mastitis, lameness or reproductive disorders. The somatic cell count goal is below 100,000.
- First calving age should be 23-24 months and there should be a maximum of two inseminations for each pregnancy.
- A twelve month calving interval is essential for seasonal calving herds.
- The ARDB cow should have a positive Breeding Value for fertility.
- Hoof trimming should not be required
- All calvings should be unassisted.

Workability Ideals

- Temperament rating should be A, B or C (A to E range)
- Milking speed rating should be A, B or C (A to E range)
- Likeability rating should be A or B (A to E range)

ARDB Breeding Policies

Genetic Composition

- ARDB registration eligibility is based on the requirement for at least one parent to be registered in a recognised Red Dairy breed. Specified breeds are: ARDB, Angler, Ayrshire, Danish Red, Dairy or Milking Shorthorn, Illawarra, Norwegian Red, Swedish Red, Red and White Holstein.
- To retain ARDB identity, the most desirable pedigrees contain less than 12.5% Red Holstein in the first four generations. Bulls with greater than 12.5% Holstein content are to be suitably denoted in marketing material.

Breeding Goal

- These ideals should extend through to breeding even and consistent herds of ARDB cattle.
- Buyers of ARDB genetics should have access to consistent, high performance, genetic products when they purchase live animals, embryos or semen.
- ARDB breeders must have the confidence to provide sound guarantees for satisfactory performance in buyer's herds.

Developed in 2015. Review date 2020

REGISTRATION

Registration Eligibility and Promotion Criteria (June 2015)

Registered ARDB animals must have at least one registered parent from one of the following red dairy breeds: ARDB (Aussie Red), Ayrshire, Dairy/Milking Shorthorn, Illawarra, Angler, Norwegian Red, Swedish Red, Danish Red, Red and White Holstein.

Animals submitted should be predominantly red, red and white, or roan. Because, some of the foundation breeds carry black markings, the range of acceptable colours includes minor dark shading. Registration applications for predominantly black females will be accepted, but their name will end with a "B" suffix. There is no need to add the "B" if a female's colour changes from red to black with maturity. Predominantly black bulls are not eligible for registration.

Animals entered for breed sales or exhibition and brood cows should have minimal black colouring and should not carry the "B" suffix.

Red and White Holstein content does not preclude registration, but animals with more than one Red and White Holstein ancestor in the first three generations of their pedigree, must have that fact noted in any advertising material. This satisfies the Red Breed goal of limiting Red and White Holstein content to 12.5%.

HOW TO REGISTER

Online Registration System

Before you start

Dam information: The dam must be owned by the member registering the animal at the time of the registration. If this is not the case the online registration cannot proceed. If the dam's Herdbook number is known it should be entered when prompted. To find an animal's Herdbook number, use the Animal Enquiry Screen. Note that multiple web browser windows can be open while registering, so a search for animals while registering can take place.

Calves from an unregistered dam who don't have a Herdbook number can be registered. When prompted select 'Unregistered' from the dropdown box and proceed.

Sire information: The correct Sire NASIS Bull ID or correct Herdbook number must be known before proceeding. This information can be found on the Bull Search section of the ADHIS website. There may be the odd occasion where the bull's NASIS Bull ID hasn't been updated on the Holstein Australia website. In this situation, the Herdbook number must be used.

How to Register Online

1. Log in with using the Member number and Password. If a password hasn't already been issued, please contact Holstein Australia for a password on (03) 9835 7600 or email enquiry@holstein.com.au. Please supply the member number.
2. Click on the "Online Registrations" button (top right). This will bring up a list of previous registration batches (or none if it's the first time).
3. Click on "Create a New Batch". This brings up a "Comments" field. The comments can be used to pass on any messages to the registration staff, also this can be used to enter what registrations have been entered in the batch, e.g. 1245-1285, or leave this blank as probably there won't be any need to add any comments here yet.
4. Click on "Calf Registrations"
5. Then click on "Create". This brings up a list of animals to be registered in the current batch.
6. Click on the "Add" button. This is where the animal details are entered.
7. Once the details are entered, click on the "Go" button near the bottom of the page. A check of animal registration details will then occur. The batch summary page will re-appear listing the registration status of each animal.

Validated: The animal's details have been entered correctly. Another animal may be added by clicking on the "Add" button.

Warning (Green): This indicates possible errors with entered details. Click on "Edit" to view details entered and check details before continuing. An animal can still be submitted for registration with a warning.

Fatal Error (Red): This indicates errors in the animal's details that must be corrected for registration to proceed. Click on "Edit" to view details entered and correct as necessary. If the error is unable to be removed, even after amending information, delete the record entirely before completing the batch and contact Holstein Australia to arrange manual registration.

8. To check or edit the information contained in any record, simply click on "Edit" on the left side of the screen to bring up the individual animal details.
9. When satisfied that the information that has been entered is correct, then submit the batch.
10. Click on "Batch Submission Screen", and then click on "Submit this Batch to Aussie Red Cattle".

Congratulations!

The registrations have now been successfully sent to Holstein Australia. The Aussie Red website can now be left or the web browser can be closed, even if the Status of the batch appears with "Sending".

What Happens Next?

11. Once the batch is received by Holstein Australia, the registration team will carefully check all the information.
12. If everything is in order, Registration Certificates will be printed and sent out by mail. Staff from Holstein Australia may call if there are any inconsistencies or discrepancies in the entered data. In order to avoid delays please ensure that all the information entered is accurate and complete and follows the guidelines outlined in this document.

Telephonic Registration

1. Make sure the following information is available and ready.
 - ✓ Tattoo and any other Physical identifiers
 - ✓ Sex
 - ✓ Date of Birth
 - ✓ Name
 - ✓ Sire – Full name, NASIS code or herdbook number
 - ✓ Dam – Herdbook number
 - ✓ AI date
 - ✓ If the calf is a Twin etc
 - ✓ 3 generation extended pedigrees can be sent with the registrations
2. Call 1300 788 188
3. A registration officer will run through each record on the phone and enter them.
4. When done certificates or paperless records will be posted out next mail day.
5. Invoice for charges will be posted out at the end of the month

Paper Registration

1. Make sure the following information is ready to be entered in a calf registration book or similar.
 - ✓ Tattoo and any other Physical identifiers
 - ✓ Sex
 - ✓ Date of Birth
 - ✓ Name
 - ✓ Sire – Full name, NASIS code or herdbook number
 - ✓ Dam – Herdbook number
 - ✓ AI date
 - ✓ If the calf is Red, Twin etc
2. 3 generation extended pedigrees can be sent with the registration
3. Post details to
 - Holstein Australia
 - Attn: Registrations
 - PO Box 489
 - Hawthorn BC VIC 3122
4. A registration officer will run through each record and enter them.
5. Any errors will be mailed to the member.
6. When done certificates or paperless records will be posted out next mail day.
7. Invoice for charges will be posted out at the end of the month.

How to collect a hair sample for microsatellite DNA testing

1. Request one DNA testing kit from Holstein Australia for each animal to be tested.

Each DNA testing kit comprises:

- A sample card in a plastic sealable bag
- A label identifying the animal to be tested
- A letter of request to DNA test the animal

2. Collect a minimum of 20 hairs from the switch or the brush of the tail of the animal to be tested. If the cow does not have a tail, collect hair from inside the ear or under the belly. Short, fine body hairs are unsuitable. Ensure the hair is thoroughly dry.

DNA is contained in the root or follicle of a hair, not in the shaft itself. Pluck the hairs from the switch or brush of the tail by wrapping around a pencil and pulling. Ensure the follicle (bulbous hair root) is attached. Do not cut the hairs.

3. Place all the hairs collected from each animal onto the supplied card and affix the supplied label.

Place the card (with hair sample and matching label attached) into supplied plastic bag and return to Holstein Australia for processing. Once results are received and finalised, the results and an invoice will be sent out.

4. Complete registration of the calf. Members may now register the ET animal. When registering the calf the following details in addition to the normal registration information are required: embryo recovery date and recipient cow identification. If your calf has not been parentage verified at the time of registration, the registration status of the calf will be PENDING until verification occurs. It is recommended to send the Flush Forms to Holstein Australia before entering these details via the website.

Important: If two sires are used in the same flush, all calves from the flush must be parentage verified before registering the calf. All ET & IVF calves must be parentage verified through DNA testing prior to registering the calves.

4. Buying and selling embryos (either frozen or recipient cow in calf)

The vendor is required to submit an Application for Embryo Transfer of Ownership (DBC form) for the transfer of ownership of an embryo either frozen or recipient in calf. This form includes:

- Buyer's details
- Sale date
- Donor dam identification
- Sire details
- Recovery date
- Number of embryos sold
- Recipient dam identification
- Frozen straw identification

Send the completed form to Holstein Australia as soon as possible after the embryo is sold in order to make sure these details are available for the new owner to register the impending calf.

Imported Embryos

The details for registrations of calves that result from the use of imported embryos must be provided to the Holstein office on paper with a copy of the accompanying documents received by the member when the embryos were purchased.

Please note that calves from imported embryos cannot be registered online.

What is required:

- Importing documentation
- Application for Embryo Transfer of Ownership (DBC form) *Only required if embryos purchased from a 3rd party*
- Details of dam and sire of animal to be registered.
- Details of animal to be registered.

If the breeder has imported embryos into Australia and did not go through an agent, such as an AI company, it is required to be recorded on the import paperwork that the embryos have been transferred to the member breeder. In this case a DBC form is not required.

If the embryos are brought in through an agent a DBC form is required to be completed stating the embryos have been transferred to the member breeder and sent to the Holstein office.

Registration of calves from imported embryos

When registering calves from imported embryos a DBC transfer form must have been received and the transfer details entered in the system prior to registration.

Dairy software registrations

How to Register Cattle through MISTRO

Reprinted from the MISTRO website: www.mistro.ag

Breed Registration

When you click the Registration button, you will be asked to choose a breed. Make your choice, enter the information for each cow as its window pops up and click Save. When you have finished setting the trait information for each animal, another window will pop up giving you the option to save your file. Choose Save and you will then be asked if you want to email your registration file now. If you are currently connected to the internet, choose yes and your registration file will be emailed the appropriate breed society.

An OK will indicate all is well, or an error message will be listed.

Form

To create a form which you can print out and fill in with registration details for your breed society, choose the animal and click Print Breed Society Registration Form in your Bulls menu. The following form will be produced. You can then print this and send it to the relevant breed society. You can also email this detail to your breed society by accessing the bulk registration function in Cow Groups.



The screenshot shows a window titled "Breed Society Registration form" with a "Print" button in the top left corner. The form content is as follows:

BREED SOCIETY REGISTRATION FORM

OWNER'S DETAILS

Breed Society Membership Number aa

Owner's name LARCOMBE MT & HIDES SJ (MF)

Owner's Breed Society Herd Prefix aa

Owner's Shire Herd Number 703243

ANIMAL'S DETAILS

National ID 294021717

Physical identifier

Herd recording number 7031389039

Sex Male

Date of Birth 26/08/81

Animal's name BP GOLDEN SAM 7031389039

Breeder's number aa

Sire's National ID A00001858

Sire's name/herdbook

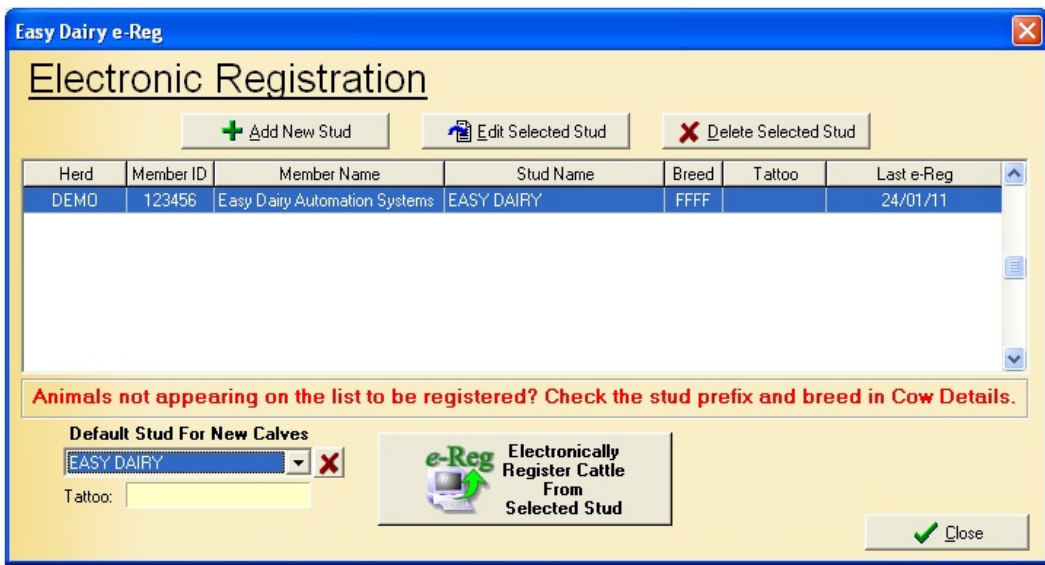
How to Register Cattle through Easy Dairy

Reprinted from the Easy Dairy website: www.easydairy.com.au



Easy Dairy provides electronic registration of cattle with the Australian Jersey Breeders Society or Holstein Friesian Association of Australia

Add your stud details to the e-Reg (Electronic Registration) screen.



Please note a default stud must be set to for animal naming assistance when adding calves.

Creating or Editing a Stud

Clicking the **Add New Stud** button displays the Add Stud screen. Enter the details required. (See Below) and click **Save**

Field Descriptions

Herd Select the herd containing the animals to be registered from the drop down list.

Member ID Your breed society Member ID

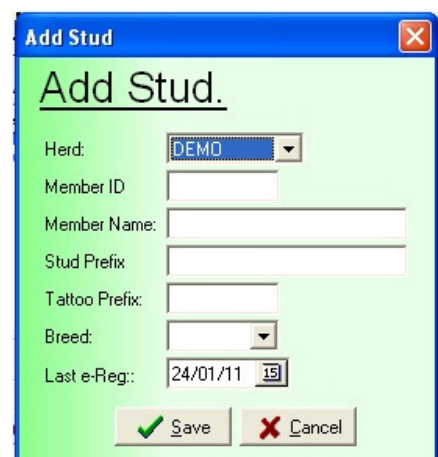
Member Name The name by which the breed society knows you.

Stud Prefix Your stud name.

Tattoo Prefix Your tattoo prefix

Breed Select the breed of the animals to be registered.

Last e-Reg The last date you registered cattle. Easy Dairy will set this date each time you register cattle.

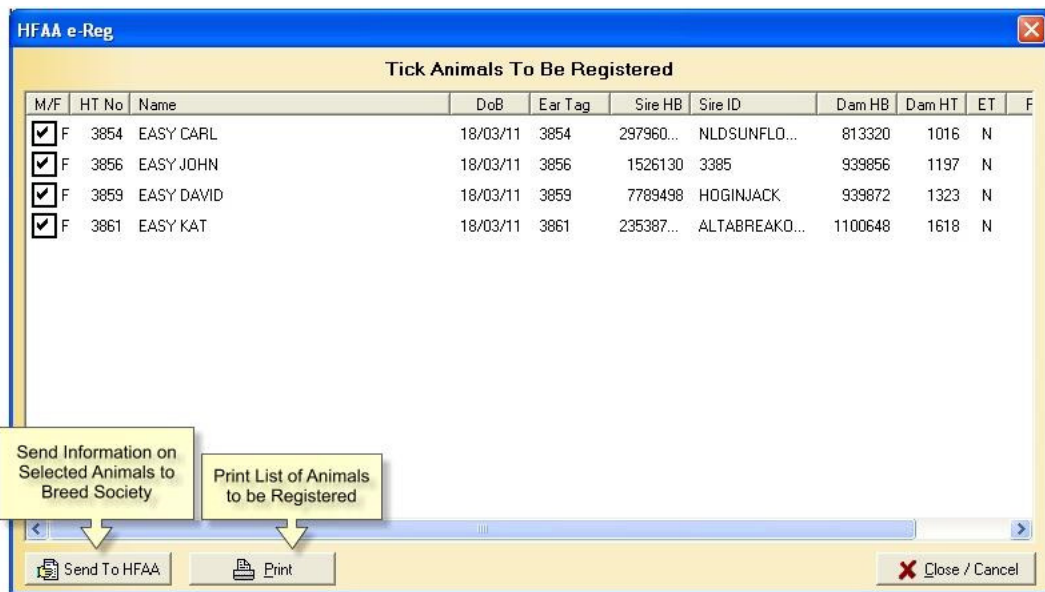


Registering Animals

After selecting the stud you wish to register animals from, click on the **Electronically Register Cattle From Selected Stud** button.



A list of animals to be registered will be displayed. Remove the tick by clicking on it from any animals you do not wish to register then press the **Send** button.



The Send By e-Mail screen will be displayed allowing you to add any notes to the e-mail for the breed society. Press **Send**.

WEB SITE DATA BASE

- How to login to the Aussie Red data base.
- How to make a member and animal enquiry.
- How to access an Extended pedigree

NOTE: Examples shown here are for illustration only.
Aussie Red enquiries will access the Aussie Red members page and data base.

Pocket Guide to Database Animal Enquiries

Member ID is your Member Number
Type in your password or contact Holstein Australia for password on first use

Click on Animal Enquiry once you reach the Members Page

Enter Selection Criteria Then Click Search

Clear Search

Name:	<input type="text"/>	<small>Enter the start of an animal's name</small>
Sub Register:	<input type="checkbox"/> Any <input type="checkbox"/> AUS Handbook <input type="checkbox"/> AUS Appendix <input type="checkbox"/> Overseas	
Herd Book #1(s):	<input type="text"/>	<small>Enter one or more Herd Book #s separated by commas</small>
Tattoo:	<input type="text"/>	<small>Enter tattoo or part of tattoo</small>
Born in Year(s):	<input type="text"/>	<small>Enter one 4-DIGIT YEAR (eg. 1987) or a range of years (eg. 1988-2000)</small>
NASIS ID(s):	<input type="text"/>	<small>Enter the start of an animal's NASIS ID number</small>
Ownership Selection:	<input type="checkbox"/> Any <input type="checkbox"/> My Ownership	
Select #:	<input type="text"/>	
Select #:	<input type="text"/>	
Breeder Located:	<input type="text"/>	
Dam Name:	<input type="text"/>	<small>Enter start of dam name Note: Complete Field</small>
Sort By:	<input type="text"/>	<small>Animal Name * <input type="checkbox"/> Ascending <input type="checkbox"/> Descending</small>

Clear Search

Type in fields you wish to search by and then click 'Search'

SCHEDULE OF FEES - (First 12 months)

GST inclusive

REGISTRATION

a) Imported animals and the product of imported embryos, male or female.	\$33.00
(If search required)	\$66.00
b) Registration	
- Female all methods	\$11.00
- Male all methods	\$16.50
c) Rush Delivery	
- Certificate printed and guaranteed mailed same day - per certificate (additional)	\$11.00
- Certificate printed and guaranteed mailed next day - per certificate (additional)	\$4.40

TRANSFERS AND LEASES (per animal or embryo)

a) Females – \$6.60 plus 1% of sale value	\$6.60 + 1%
b) Males – flat rate per head	\$38.00
c) Within Family Transfers (immediate family), per head	\$4.40
d) Whole Herd Transfer (walk-in-walk-out) with Cession of Prefix, per head	\$4.40
e) Large Volume Transfer from a single herd to a single new owner:	
first 100, per head - fee as for a) above	
thereafter, per head	\$4.40
f) Mortgage Processing fee, per head	\$4.40

REINSTATEMENTS, REISSUES AND REPORTS

a) Registration reinstatement plus duplicate Certificate	\$22.00
b) Registration alteration plus reissue Certificate	\$5.50
c) Official Three Generation Extended Pedigree	\$4.40
d) Enquiry Service - Listings & Computer Reports (per page)	\$5.50
- Computer Analyses (per page)	\$11.00
- Progeny listing (per page)	\$2.20

ET FEES

a) Certificate of Embryo Recovery/Transfer/Freezing (document ABC)	\$22.00
b) Application for Embryo Export/Change of Ownership (document DBC)	\$22.00
c) DNA Typing plus parentage verification (hair root)	\$36.30

FIELD SERVICE FEES

a) Classification Farm Visit Fee	\$66.00
b) Classification, per animal - Female/Male	\$13.20

WEB SERVICES

a) Official Three Generation Extended Pedigree	\$3.30
b) Progeny listing	\$1.10

ANNUAL ADMINISTRATION FEE PER MEMBER	\$38.50
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Notes