Accessing the Information

Introduction
“Internet Solutions” is the title given to an extensive range of web based services that have been developed by the Agricultural Business Research Institute (ABRI) for application within the livestock industry. Both animals’ pedigree and BREEDPLAN information is easily available using this system.

Six of the tropical Breed Societies/Associations now have Internet Solutions facilities as listed below along with their relevant website:

- Australian Braford Society, www.braford.org.au

The ever increasing use of this facility by industry is demonstrated in the graph below. In the past four years Internet Solutions for the six tropical Breed Societies/Associations has increased from around 300 thousand page hits per year to nearly 1.4 million hits in 2007.

For each Breed Society/Association, users potentially have access to the following “Internet Solutions” facilities.

- **Member/Animal/EBV Enquiry:** a complete electronic herdbook is made available online for each particular Breed Association/Society. This facility provides access to member, animal & EBV information as it is recorded on the Breed Association/Society database. A powerful search engine has also been incorporated to allow users to undertake a wide range of functions that aid in quick & easy access to information.

- **Sale Catalogues:** online sale catalogues are made available for single-vendor auction, multi-vendor auction & private treaty sales. As with the member/animal/EBV enquiry facilities, a powerful search
engine has also been incorporated that provides users with powerful search and enquiry capabilities both within a particular catalogue and across different catalogues.

- **Semen Catalogues:** online semen catalogues are made available providing a valuable service to the AI industry. This service has similar functionality to the sale catalogue facility.

- **Mating Predictor:** a simple EBV calculator. Users can specify a mating or range of matings and this facility will calculate the expected EBVs of the progeny.

- **File Download:** individual breeders can access a secure member specific area by entering through a secure login site. Within this area, breeders can access/download a range of files that have been prepared for them by either their Breed Society/Association or the BREEDPLAN office.

- **Online Transactions:** members of the Breed Society/Association can access a range of data entry functions that enable them to submit information to either their Breed Society/Association or BREEDPLAN. Specifically, users have the ability to enter calf recording/registration details; inventory updates/cow fates & performance information.

A more detailed explanation on the further use of a number of these key facilities along with examples is outlined in the following pages. Tips on using Internet Solutions can also be found on page 14.

**Facility 1 - Animal Enquiry**

The animal enquiry facility enables users to access information regarding either:
- an individual animal
- a range of animals that meet specific criteria.

When users enter the animal enquiry facility, a screen similar to the following will be displayed.
By entering information in the different fields, users can search the Breed Association/Society database and identify the animals that meet the criteria specified. These animals will then be displayed in a table similar to the one below.

<table>
<thead>
<tr>
<th>Name</th>
<th>Sex</th>
<th>Identifier</th>
<th>Birth Date</th>
<th>Reg. Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOOLOOMBAH CREEK 174</td>
<td>Male</td>
<td>TCC174M(V17)</td>
<td>12/09/1993</td>
<td>Registered</td>
</tr>
<tr>
<td>TOOLOOMBAH CREEK O'REGAN 339/8</td>
<td>Male</td>
<td>TCC339/8M(V21)</td>
<td>11/08/1997</td>
<td>Registered</td>
</tr>
<tr>
<td>TYAGARAH CANTARO</td>
<td>Male</td>
<td>RJB5/139M(V18)</td>
<td>04/09/1995</td>
<td>Registered</td>
</tr>
<tr>
<td>VALUE 654</td>
<td>Male</td>
<td>U9J654M(V20)</td>
<td>01/10/1996</td>
<td>Registered</td>
</tr>
<tr>
<td>VALUE RED PRINCE</td>
<td>Male</td>
<td>U9J900M(V21)</td>
<td>19/11/1997</td>
<td>Registered</td>
</tr>
<tr>
<td>WANDARRI VALPARISO</td>
<td>Male</td>
<td>WAN1535/VM(V16)</td>
<td>05/01/1992</td>
<td>Registered</td>
</tr>
<tr>
<td>WILTONY CALLAGAN</td>
<td>Male</td>
<td>WRM297M(V20)</td>
<td>15/12/1996</td>
<td>Registered</td>
</tr>
<tr>
<td>WILTONY INTEST (AI)</td>
<td>Male</td>
<td>WRM296M(V20)</td>
<td>17/02/1997</td>
<td>Registered</td>
</tr>
<tr>
<td>WILTONY OLIVER (AI)</td>
<td>Male</td>
<td>WRM259M(V19)</td>
<td>10/11/1996</td>
<td>Registered</td>
</tr>
<tr>
<td>YOMAN 447/6</td>
<td>Male</td>
<td>SAS447/6M(V20)</td>
<td>20/10/1995</td>
<td>Registered</td>
</tr>
</tbody>
</table>

This screen displays some basic details about each of the animals that have been selected. In the above example, this includes name, herdbook number, sex, DOB and registration status of the animal as recorded with the Breed Society/Association. Clicking on a particular animal’s name will display the full animal details page for that animal (please see appendix 1 for an example animal details page).

**Example 1** – A stud breeder wishes to source information regarding a particular animal that may be of interest to him. In this case, the only information the breeder knows regarding the animal is that its name is “Elrose Significance”.

From within the animal enquiry facility, the breeder simply needs to type “Elrose Significance” in the “Name” field. This is illustrated below.

![Enter Selection Criteria Then Click Search](image)

Once this has been done, the breeder simply needs to click on one of the “Search” buttons located at both the top and bottom of the screen. This will forward the breeder to a screen containing a table that lists a summary of all animals that have a name beginning with “Elrose Significance”. In this case, there is only one animal that fits this criterion and thus only one animal displaying in the table. By simply clicking on this animal in the table, the breeder will be forwarded to the animal details page of Elrose Significance where they can access a wide range of pedigree, ownership & performance information for the animal.

It should be noted that in the above example, the breeder could have also utilised the wildcard facility (%). For more information regarding this option, please see the section titled “Tips when using Internet Solutions”.

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Tropical Beef Technology Services
Example 2 – A breeder is interested in sourcing some more detailed information regarding some of the sires listed in the latest Sire Summary. In this case, the breeder wishes to find out which of the sires included in the Sire Summary are located in the “Darling Downs” area and access some basic information regarding each of them.

From within the animal enquiry facility, the breeder needs to choose “Animal is Published Sire” from the drop down box in the “Select if” field and “Darling Downs” from the drop down box in the “Breeder Located in Region” field. This is illustrated below.

Once this has been done, the breeder simply needs to click on one of the “Search” buttons located at both the top and bottom of the screen. The breeder will then be forwarded to a screen containing a table that lists a summary of all animals that are both “Published Sires” & located in “Darling Downs”. By simply clicking on any of the animals in the table, the breeder will be forwarded to their respective animal details page. From here they can access a wide range of pedigree, ownership & performance information for each particular animal.

Facility 2 - EBV Enquiry

The EBV enquiry facility enables users to access EBV information regarding either:

- an individual animal
- a range of animals that meet specific EBV criteria.

When users enter the EBV enquiry facility, a screen similar to the animal enquiry screen will be displayed; however a number of additional EBV fields will also be included. These additional fields will look similar to the following:
By entering information into the different EBV fields, users can search the Breed Association/Society database and identify the animals that meet not only different animal details criteria but fit within certain EBV & EBV accuracy requirements. These animals will then be displayed in a table similar to the one below.

This screen displays the latest EBVs for each of the animals that have been selected. Clicking on a particular animal’s name will display the full animal details page for that animal (see appendix 1).

Example 1 – A commercial cattleman is interested in sourcing some more detailed information regarding some of the sires listed in the latest Sire Summary. In this case, the breeder wishes to find out which of the sires included in the Sire Summary have a 600 day weight EBV heavier than breed average & scrotal size EBV larger than breed average.

From within the EBV enquiry facility, the breeder needs to:
- choose “Animal is a Published Sire” from the drop down box in the “Select if” field
- type the breed average 600 day weight EBV in the 600 day weight EBV minimum field
- type the breed average scrotal size EBV in the scrotal size minimum EBV field (nb. breed average EBVs are listed in the right hand column for easy reference).

Following these steps, the screen should look similar to following:
Once this has been done, the breeder simply needs to click on one of the “Search” buttons located at both the top and bottom of the screen. The breeder will then be forwarded to a screen containing a table that lists a summary of all animals that fit the criteria specified. By simply clicking on any of the animals in the table, the breeder will be forwarded to their respective animal details page. From here they can access a wide range of pedigree, ownership & performance information for each particular animal.

Example 2 – A stud breeder wants to create a report listing the EBVs for his 2005 drop bull calves.

From within the EBV enquiry facility, the breeder needs to:
- type their prefix in the “Name” field followed by a %. This will select all animals whose name begins with that prefix. In the example below, the herd’s prefix is “Gyranda”.
- type the “2005” in the “Calving Year(s)” field
- choose “Animal is Male” from the drop down box in the “Select if” field.

Following these steps, the screen should look similar to below.

Once this has been done, the breeder simply needs to click on one of the “Search” buttons located at both the top and bottom of the screen. The breeder will then be forwarded to a screen containing a table that lists a summary of all animals that fit the criteria specified. In this case, the table should contain all their 2005 drop bull calves. By selecting the different options from the heading at the top of the page, the breeder can then customise this table to produce a complete summary of EBVs for these animals (for more information regarding this, please see the “Tips
when using Internet Solutions” section). This table can then be printed thus producing a useful EBV report.

**Facility 3 - Member Enquiry**

The member enquiry facility enables users to access information regarding either:
- an individual member of the Breed Society/Association
- a range of Breed Society/Association members that meet specific criteria.

When users enter the member enquiry facility, a screen similar to the following will be displayed.

<table>
<thead>
<tr>
<th>Member Surname:</th>
<th>All fields allow wildcards(%) searching. For example to find a member called Jill &amp; Jack Hill, you could enter: %Jack.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prefix</td>
<td></td>
</tr>
<tr>
<td>Membership Name:</td>
<td></td>
</tr>
<tr>
<td>Herd No.:</td>
<td></td>
</tr>
<tr>
<td>Postcode:</td>
<td></td>
</tr>
<tr>
<td>Select if</td>
<td></td>
</tr>
<tr>
<td>Member Located:</td>
<td></td>
</tr>
<tr>
<td>Sort By:</td>
<td>Membership Surname</td>
</tr>
</tbody>
</table>

By entering information in the different fields, users can search the Breed Association/Society database and identify the members that meet the criteria specified. These members will then be displayed in a table similar to the one below.

<table>
<thead>
<tr>
<th>Membership Name</th>
<th>Stud Prefix</th>
<th>Herd Code</th>
<th>Stud No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>R.L.M. &amp; D.B. Atkinson</td>
<td>GLEN RUTH</td>
<td>RLA</td>
<td>FOUNDAT</td>
</tr>
<tr>
<td>K.A. &amp; J.A. Barnett</td>
<td>CRUSADER</td>
<td>QYB</td>
<td>62</td>
</tr>
<tr>
<td>J.K. &amp; P. Bowler</td>
<td>MARUK</td>
<td>VBV</td>
<td>614</td>
</tr>
<tr>
<td>D.L. &amp; W. Erown</td>
<td>LATROBE</td>
<td>2EB</td>
<td>828</td>
</tr>
</tbody>
</table>

This screen displays some basic details about each of the members that have been selected. In the above example, this includes membership name, surname, prefix & herd number. Clicking on a particular member’s name will display the full member details page for that member.

*Example 1 – A commercial cattleman wants to contact a stud breeder but doesn’t have any contact details for them. All they know is name of the stud. In this example the name of the stud is Glen Fosslyn.*

From within the member enquiry facility, the breeder simply needs to enter the name of the stud in the “Prefix” field. This is illustrated below:
Once this has been done, the breeder simply needs to click on one of the “Search” buttons located at both the top and bottom of the screen. The breeder will then be forwarded to a screen containing a table that lists the herd with this prefix. By simply clicking on the name of the herd, the breeder will be forwarded to their respective member details page. This page will contain all available contact details for the herd.

**Example 2** – A stud breeder wishes to source BREEDPLAN members of his Breed Society and some contact details for them.

From within the member enquiry facility, the breeder needs to choose “Member is in BREEDPLAN” from the drop down box in the “Select If” field. This is illustrated below.

Once this has been done, the breeder simply needs to click on one of the “Search” buttons located at both the top and bottom of the screen. The breeder will then be forwarded to a screen containing a table that lists a summary of all BREEDPLAN members of the Breed Society/Association. In this example, the BREEDPLAN members will be sorted on postcode as the breeder selected “Postcode” from the drop down box in the “Sort By” field. By simply clicking on any of the members in the table, the breeder will be forwarded to their respective member details page. From here they can access a wide range of information for each particular member.

**Facility 4 - Sale Catalogue**

The sale catalogue facility enables vendors to supply their relevant Breed Society/Association with an electronic version of their sale catalogue, which the Breed Society/Association then makes available to the public via “Internet Solutions”. Sale catalogues can be created for both auction & private treaty sales.

Potential clients can then access the sale catalogue and view a vast range of information regarding each animal. In addition, the sale catalogue facility provides users with the ability to sort and/or search within either a particular catalogue or across a range of sale catalogues. This capability makes the sale catalogue facility a very powerful tool for potential buyers.
When users enter the sale catalogue facility, a screen listing all upcoming sales will be displayed. This screen will contain a general description of the sale, the date of the sale and the number of lots that are being presented. The screen should look similar to the one below.

<table>
<thead>
<tr>
<th>Sale Description</th>
<th>Sale Date</th>
<th>Lots</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alice Springs 2007 Sale</td>
<td>Thursday, 5th July 2007 at 3.30pm</td>
<td>77</td>
</tr>
</tbody>
</table>

By clicking on the name of a particular sale, users will be taken to the relevant sale catalogue and presented with a screen similar to the one below.

This screen will provide the user with a list of the lots available for sale and some basic details regarding each lot. By clicking on the name of a particular animal, users will be taken to the relevant lot details page (see appendix 2).

**Example 1 – A breeder is attending a sale and wishes to go through the catalogue beforehand to highlight a list of animals that he may be interested in purchasing. In this case the breeder has decided that he is only interested in bulls that are above breed average for 600 day weight, scrotal size and eye muscle area EBVs. In addition, the breeder would like the animals ranked on 600 day weight EBV rather than lot no.**

From within the sale catalogue facility, the breeder needs to click on the name of the sale they are attending. This will take them to a screen listing a summary of the lots available for sale. The breeder then needs to click in the option at the top of the screen titled **Search/SORT Catalogue**. This will take the breeder to a screen similar to the EBV enquiry screen. From within this screen, the breeder needs to:
- type the breed average scrotal size EBV in the scrotal size minimum field.
- type the breed average 600 day weight EBV in the 600 Day Wt. minimum field
- type the breed average eye muscle area EBV in the EMA minimum field
- choose “600 Day Wt” from the drop down box in the “Sort By” field.

Following these steps, the screen should look similar to the following:
Once this has been done, the breeder simply needs to click on one of the “Search” buttons located at both the top and bottom of the screen. The breeder will then be forwarded to a screen containing a table that lists a summary of all lots that fit the criteria specified, sorted on 600 day weight EBV. By clicking on the name of each lot, the breeder will be taken to the respective lot details page. From here they can access a wide range of pedigree & performance information for each particular lot.

Example 2 – There are a number of upcoming sales and a Central QLD cattleman is interested in purchasing a bull of a particular type but doesn’t know which sale/s he would be best to attend. In this case the breeder has decided that he is only interested in bulls that are above breed average for 200 day weight, 400 day weight, 600 day weight, and scrotal size EBVs. Although he is willing to travel, he would prefer to buy the bull locally.

In this case, the breeder needs to go to the EBV enquiry facility and enter information similar to following:
More specifically, the breeder needs to:
- choose “Animal is for Sale” from the drop down box in the “Select if” field. (nb. this selects all animals that are represented in the current sale catalogues for that particular Breed Society/Association).
- choose “Central Eastern QLD” from the drop down box in the “Breeder Located in Region” field
- type the breed average EBVs in the 200 Day Wt, 400 Day Wt, 600 Day Wt & scrotal size minimum EBV fields

Once this has been done, the breeder simply needs to click on one of the “Search” buttons located at both the top and bottom of the screen. The EBV enquiry facility will then search through all animals represented in the current sale catalogues and display a table listing those lots that meet the criteria specified. By clicking on the name of each animal, the breeder will be taken to the respective animal details page. From here they can access a wide range of pedigree & performance information for each particular animal. In addition, within the animal details page, a link is displayed that allows you to view the lot details page of each animal.

**Facility 5 - Semen Catalogue**

The semen catalogue facility enables semen suppliers to supply the relevant Breed Society/Association with an electronic version of their semen catalogue which the Breed Society/Association then makes available to the public via “Internet Solutions”.

Potential clients can then access the semen catalogue and view a vast range of information regarding each bull. In addition, the semen catalogue facility provides users with the ability to sort and/or search within either a particular catalogue or across a range of semen catalogues. This capability makes the semen catalogue facility a very powerful tool for users looking to source semen for use in their herd.
When users enter the semen catalogue facility, a screen listing all available semen catalogues will be displayed. This screen will contain a general description of the semen catalogue and the number of sires with semen available. This screen should look similar to the one below.

By clicking on the name of a particular semen list, users will be taken to the relevant semen catalogue and presented with a screen similar to the one below.

This screen provides the user with a list of bulls that have semen available and some basic details regarding each bull. By clicking on the name of a particular bull, users will be taken to the relevant lot details page (see appendix 2).

Example 1 – A breeder has decided to use some AI. He has a semen catalogue and wants to select the bull/s he is going to use. In particular, the breeder wishes to limit the sale catalogue to only include bulls greater than breed average for 600 day weight & greater than breed average for rump fat.

From within the semen catalogue facility, the breeder needs to click on the name of the relevant semen catalogue. This will take them to a screen listing a summary of the lots with semen available. The breeder then needs to click on the option at the top of the screen titled Search/Sort Catalogue. This will take the breeder to a screen similar to the EBV enquiry screen.

From within this screen, the breeder needs to:
- type the breed average rump fat EBV in the rump fat minimum field
- type the breed average 600 day weight EBV in the 600 Day Wt. minimum field

Following these steps, the screen should look similar to the following:
Once this has been done, the breeder simply needs to click on one of the “Search” buttons located at both the top and bottom of the screen. The breeder will then be forwarded to a screen containing a table that lists a summary of all lots that fit the criteria specified. By clicking on the name of each semen lot, the breeder will be taken to the respective lot details page. From here they can access a wide range of pedigree & performance information for each particular sire with semen available.
Tips when using Internet Solutions

The following section provides some general information that may assist people when using the “Internet Solutions” services.

- A wildcard facility (%) has been implemented to provide the user with more flexibility when using the animal enquiry facility. For example, by entering
  - “ABCX%” in the herdbook number field, all animals with a herdbook number beginning with “ABCX” will be selected
  - “Admiral%Curly” in the name field, all animals with a name beginning with Admiral and Curly somewhere later in the name will be selected.

- Similar to the wildcard feature, simply entering the beginning of the animal’s name in the “name” field will be enough to select the animal. For example, entering “Elrose Sign” will select all animals with a name beginning with “Elrose Sign” including animals such as “Elrose Significant” which may be the animal you are searching for.

- By clicking on this symbol, the list of available options that may be entered in that field will be displayed.

- Information may be entered in as many search fields as you like. However, please note animals must meet all criteria specified if they are to be selected.

- When this symbol is displayed, it indicates that a photo of the animal is available for viewing.

- Clicking on this icon (see bottom of each page) will provide the user with some information regarding how to interpret the BREEDPLAN information that is displayed.

- The relevant details regarding the search the user has performed are listed at the top of the animal & EBV listing pages. These details will be displayed in a format similar to the following.

| Entries: 1 ~ 15 of 300 are shown (The first 300 rows retrieved) | Sorted by: Animal Name |
| Hide EBVs | Show EBVs | Show Index Values | Show All Entries | First | Previous | Next | Last |
| Selection Criteria: Animal is a Published Sire, Breeder Located in Region: on NORTH ISLAND |

A description of the information contained in this table is detailed below:

*Entries*: Describes how many animals were selected in the search and which ones have been listed on the screen. If more than 300 animals are selected in a search, then only the first 300 will be displayed. In the above example, 300 animals were selected and the animal listing is currently displaying the first 15 animals.

*Selection Criteria*: Describes the selection criteria the user has entered in the enquiry screen. In the above example, the user had specified “Animal is a Published Sire” in the “Select if” field and “North Island” in the “Breeder Located in Region” field.
Sorted By: Describes the order in which the selected animals are sorted. In the above example, the selected animals are sorted based on their name.

First/Previous/Next/Last: Allows the user to navigate between the different pages of the selected animals. Simply click on the appropriate button to move around.

Show/Hide EBVs: Allows the user to determine whether EBV details or animal details display in the animal listing table.

Show/Hide EBV Acc: Allows the user to determine whether the EBV accuracies display in association with each EBV in the animal listing table.

Show/Hide $Index Values: Allows the user to determine whether the BreedObject $Indexes display in the animal listing table.

Show All Entries: Allows the user to display all selected animals in the animal listing table as opposed to the animals appearing in groups of 15.
Appendix 1 - Animal Details Page

The animal details page provides the user with very comprehensive information regarding each particular animal (as recorded with the relevant Breed Society/Association). An example animal details page and a brief description of the information displayed is provided below:

A – The name of the animal that is being viewed is clearly specified in the page header.

B – Some basic details regarding the animal are displayed. In this case a range of information including herdbook no., sex, horn status, date of birth & registration status is listed.

C – The sire & dam of the animal are displayed. Clicking on the name of the either the dam or the sire will take the user to their respective animal details page.

D – The ownership details of the animal are displayed. In particular, the breeder of the animal & the current owner of the animal are specified. Clicking on the member’s name will take the user to their respective member details page.

E –  

**Progeny:** Clicking on [View All] will take the user to a full list of all the progeny of this animal that have been recorded with the Breed Society/Association. Clicking on [View by Herd] will allow the user to view the progeny of the animal on a per herd basis.

**Pedigree:** Clicking on [View] will display the full pedigree tree for the animal (back 3 generations). Clicking on the name of any animal within the pedigree tree will take the user to their respective animal detail’s page.
F – A thumbnail photograph of the animal is displayed. If the user wishes to view the photograph in more detail, clicking on the [View Larger Image] will display a larger version of the photograph.

G – All available BREEDPLAN figures for the animal are displayed. In particular,

- The latest EBVs & their accuracies are provided in tabular form.
- The latest Breed Object Indexes are provided in tabular form.
- The Breed Average EBVs are displayed to allow users to quickly determine whether the animal is below or above the current genetic level of the breed for each particular trait.
- Clicking on the (Click for Percentiles) will enable the latest Percentile Table for the breed to be displayed. This allows users to quickly benchmark where the animal ranks within the breed for each particular trait.
- [Traits Observed] – the traits that the animal has performance recorded for are displayed. This information is similar to the trait indicators that BREEDPLAN users will be familiar with.
- [Statistics] – a general description of what performance has been recorded for the progeny of the animal is displayed. More specifically, the number of herds in which the animal has performance recorded progeny, the number of the animal’s progeny that have weight, ultrasound scanning & carcase information recorded and the number of the animal’s daughters that have performance recorded progeny are all displayed.

[Traits Observed] & [Statistics] provide the user with some general information about what performance is being used in the calculation of the EBVs for the animal.

- Clicking on this icon will display a graphical representation of the EBVs for the animal. This allows the user to quickly determine how the animal ranks for each trait when compared with the current genetic level of the breed. An example EBV graph is provided below.
Appendix 2 – Sale/Semen Catalogue Lot Details Page

The sale catalogue lot details page provides the user with very comprehensive information regarding each particular lot (as recorded with the relevant Breed Society/Association). An example lot details page and a brief description of the information displayed is provided below:

A – The name of the animal that is for sale/has semen available is displayed clearly in the page header. Details regarding the lot are also provided (ie. catalogue name & lot no.).

B – If available, a thumbnail photograph of the animal is displayed. If the user wishes to view the photograph in more detail, clicking on the [View Larger Image] will display a larger version of the photograph.

C – Some basic details regarding the animal are displayed. In this case a range of information including vendor’s name, herdbook no., sex, horn status, date of birth & registration status is listed. Clicking on the vendor’s name will take the user to their respective member details page.
D – A set of comments for the animal are displayed. These comments are provided by the vendor and usually contain some general information about the animal that may be of interest. The straw price is usually included in these comments for semen catalogues.

E – The full pedigree tree for the animal (back 3 generations) is displayed. Clicking on the name of any animal within the pedigree tree will take the user to their respective animal detail’s page.

F – All available BREEDPLAN figures for the animal are displayed. For more information regarding the BREEDPLAN information that is available, please refer to the relevant section in Appendix 1.