



# Real Welfare Database Web Portal (iPig)

## Guide for Vets



## Contents

1. Introduction
2. Registering and logging in to the Real Welfare Web Portal
3. Selecting units
4. Entering the assessment data
5. Setting up (configuring) units
6. Viewing results

## 1 Introduction

The Real Welfare web portal is the web based access point to the Real Welfare Database (iPig). The Web Portal provides access from laptop or PC. Alternative methods of accessing the database are the Android<sup>®</sup> and iOS<sup>®</sup> mobile apps which can be used on most smart phones/tablets. The Mobile apps are not covered in this document.

**We strongly recommend checking that you have access to your farms well in advance of first visits as technical issues can only be resolved during office hours. If you have any problems registering or selecting farms, assistance is available via [real.welfare@ahdb.org.uk](mailto:real.welfare@ahdb.org.uk) or the technical helpline: [Tel: 07583 517930](tel:07583517930)**

### 1.1 General points

You can return to the previous screen at any point by using the green back arrow 

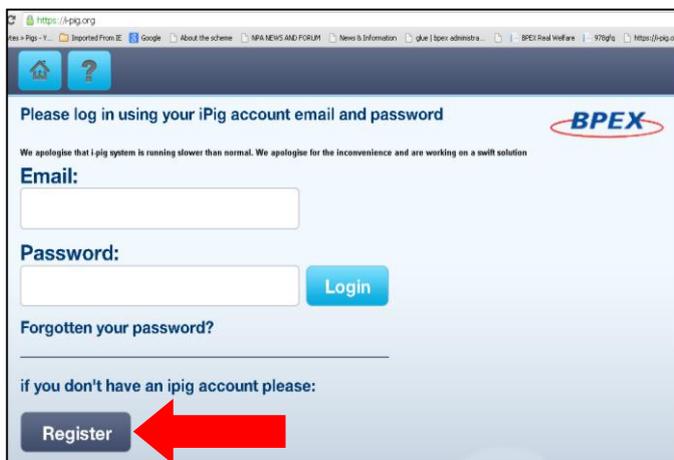
A number of checks are in place to ensure valid data is input; e.g. messages will pop-up if fields are incomplete or contain invalid data. Checks can sometimes be overruled where they are there for guidance only; e.g. messages regarding the correct sampling size.

## 2 Registering and logging in to the Real Welfare Web Portal

### 2.1 Registering

Go to the site address (or click on link):  
<https://iPig.org>

Click on the 'register' button.



The screenshot shows the login page of the iPig.org web portal. The page title is "Please log in using your iPig account email and password". The BPEX logo is visible in the top right corner. Below the title, there is a message: "We apologise that i pig system is running slower than normal. We apologise for the inconvenience and are working on a swift solution". The login form consists of two input fields: "Email:" and "Password:". To the right of the "Password:" field is a blue "Login" button. Below the input fields is a link: "Forgotten your password?". At the bottom of the page, there is a section titled "if you don't have an ipig account please:" with a dark blue "Register" button. A red arrow points to the "Register" button.

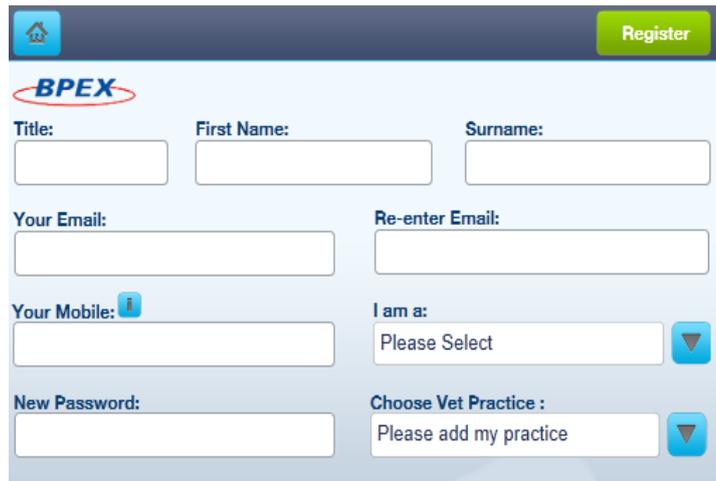
Fill in your title, given name and surname.

Enter the email address that you wish to use. Re-enter the address in the next box to verify it.

Add your mobile number.

In the 'I am a:' drop-down box, select 'Vet'.

Choose a secure password made up of a minimum of eight characters, including numerals and upper and lower case letters.

A screenshot of the BPEX registration form. The form is titled 'BPEX' and has a 'Register' button in the top right corner. The form fields are: Title, First Name, Surname, Your Email, Re-enter Email, Your Mobile, I am a: (a dropdown menu with 'Please Select' and a blue arrow), New Password, and Choose Vet Practice: (a dropdown menu with 'Please add my practice' and a blue arrow). There is also a small blue 'i' icon next to the 'Your Mobile' field.

Open the dropdown list in 'Choose Vet Practice' and click on your practice name. If you cannot find your practice, select 'can't find my practice' or 'request to add my practice' from the list.

When all the boxes are completed and checked, click 'Register' (top right hand corner).

A confirmation email will be sent to the address entered in the form (check your spam settings if nothing arrives in your inbox). Open the email and click the link to confirm your email address.

AHDB Pork Real Welfare admin will manually check to ensure that your data cannot be viewed by unauthorised persons. Please allow 2 working days for your registration to be activated.

Your details will then be checked manually to ensure you are entitled to access the database. This check will also ensure that your data cannot be viewed by unauthorised persons.

We will then verify and activate your registration by email. This will take up to 2 working days

## 2.2 Logging in

Once activated by AHDB Pork Real Welfare admin you will be able to login.

Go to the site address (or click on link): <https://iPig.org>.

This time enter the **email** and **password** that you registered with AHDB Pork.

If you have forgotten your password, click on the '**Forgotten your password?**' link and follow the instructions (check spam if not in your inbox).

A screenshot of the i-pig web portal login page. The page has a dark blue header with a home icon and a question mark icon. Below the header, it says 'Welcome to the i-pig web portal' and 'BPEX'. There is a message: 'The system has been updated 23-04-2014. If there are any issues please clear your browser cache. You can get instructions on how to do this here: http://www.wikihow.com/Clear-Your-Browser's-Cache - if you still experience issues - please contact support@i-pig.org'. The main content area has an 'Email:' field, a 'Password:' field, and a blue 'Login' button. Below the password field is a link for 'Forgotten your password?'. At the bottom, there is a link for 'if you don't have an ipig account please:' and a dark blue 'Register' button.

### 3 Selecting Units



The first screen after login is your home page. The web portal will return to this screen whenever you select the house icon .

This screen gives a list of units registered to your practice. Registered units show on-screen with the full address and any sampling information already collected.

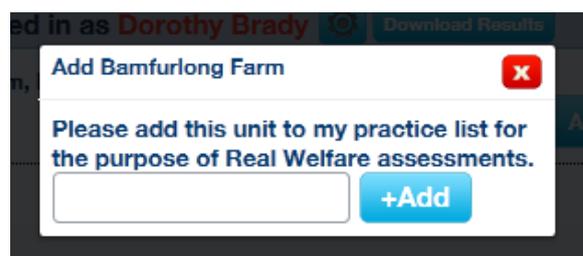
You can search for your units by using the scroll bar or entering any of the below details into the 'Search' box (top right):

- Unit name
- Any word or words in the address
- Postcode
- Slap mark
- Red Tractor Assurance number



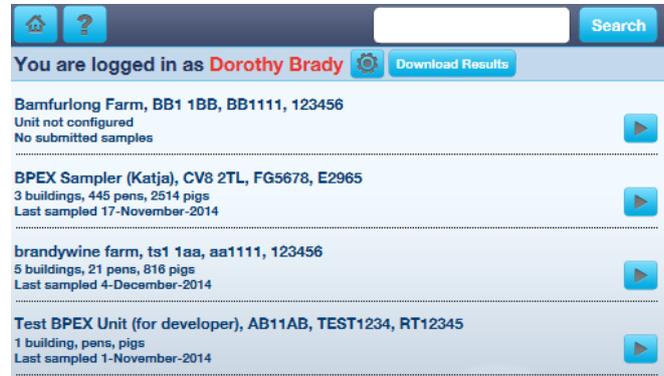
If the database does not have a unit registered to you, it shows as unit name and part postcode only. To request access to it, click .

A pop-up screen will appear requesting your iPig password. Enter this and select .



AHDB Pork admin will manually check requests before confirming so you will need to allow 2 working days for the request to be processed. Once approved, you will be able to see the unit configuration (if configured) and any historical samples that have been entered.

Click on the blue arrow to select your unit



This takes you to the page opposite, showing all of the samples submitted for this unit



### From here you can:

1. Enter a new sample by clicking on the **New Sample** button. See Section 4.
2. Configure the building layout for this unit by clicking on the cog icon.  See Section 5.
3. Look at a completed sample to view previous results by clicking on the blue arrow . See Section 6.

### 3.1 If you can't find a unit...

Firstly, try searching again with variations in spelling, check postcode, etc.

New units can only be added by AHDB Pork admin. This is in order to prevent inadvertent duplication of units.

To add a unit, please contact us via:

- Phone 07583 517 930
- Email to [real.welfare@ahdb.org.uk](mailto:real.welfare@ahdb.org.uk)
- Post to Real Welfare, AHDB Pork, Stoneleigh Park, Warwickshire CV8 2TL

When requesting a unit to be added, include the following details for each one:

- Unit name
- Unit address and post code
- Slap mark
- Red Tractor (ABP) number

**We strongly recommend checking that you have access to units well in advance of first visits.**

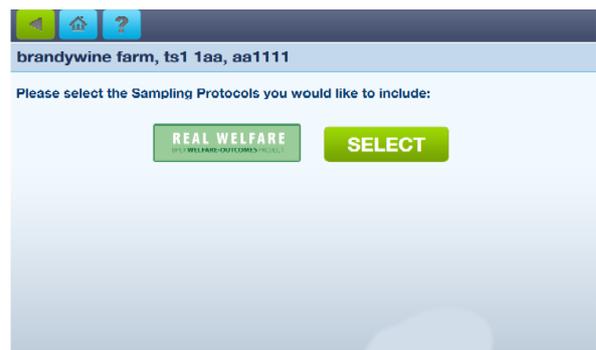
## 4 Entering the assessment data

Having chosen the unit you wish to sample, select

**New Sample**



On the next screen, click 'SELECT'.



### 4.1 Choosing the sample type

This screen asks you to choose to sample 'Severe only' lesions or 'Severe and Mild' lesions using the drop down lists.

You can also choose whether or not enrichment use is to be measured. Ensure that enrichment use is switched ON if you intend to measure it.

Whilst enrichment *use* is optional, enrichment *type* is mandatory and must be entered on the sampling screen (shown later in the guide).

Select

**Continue**



## 4.2 Entering date and number of pig places

Enter the date the unit was assessed in the 'Sample date' field.

Select whether 3 or 4 visits are scheduled for this unit (or 2 if the unit is a batch finisher system with less than three batches per year).

The number of finisher places will be pre-filled according to the building configuration.

Add the approximate number of finisher pigs (50Kg+) present on the date of the assessment.

If there are too few 50Kg+ pigs, the screen will offer a box for you to enter any 30-50Kg pigs that are present to make up the required sample number.

The screenshot shows a mobile application interface for 'brandywine farm, ts1 1aa, aa1111'. It contains the following fields and controls:

- Sample Date:** A text input field containing '09/12/2014'.
- How many times do you want to sample this farm this year?:** A dropdown menu with '3' selected.
- Roughly how many finisher pig places (over 50kg) are there?:** A text input field containing '816'.
- Roughly how many finisher pigs (over 50kg) present today?:** An empty text input field.

Navigation icons (back, home, help) and a 'Continue' button are visible at the top.

Select .

## 4.3 Choosing buildings and pens

This screen shows all of the buildings and pens that are set up for this unit. Note that if the building has not yet been configured, there will be no buildings shown. (See Section 5 for more information on setting up and configuring units.)

Add buildings and pens by clicking .

Amend the building layout by clicking .

Delete a building by clicking .

Once the buildings are set up, click .

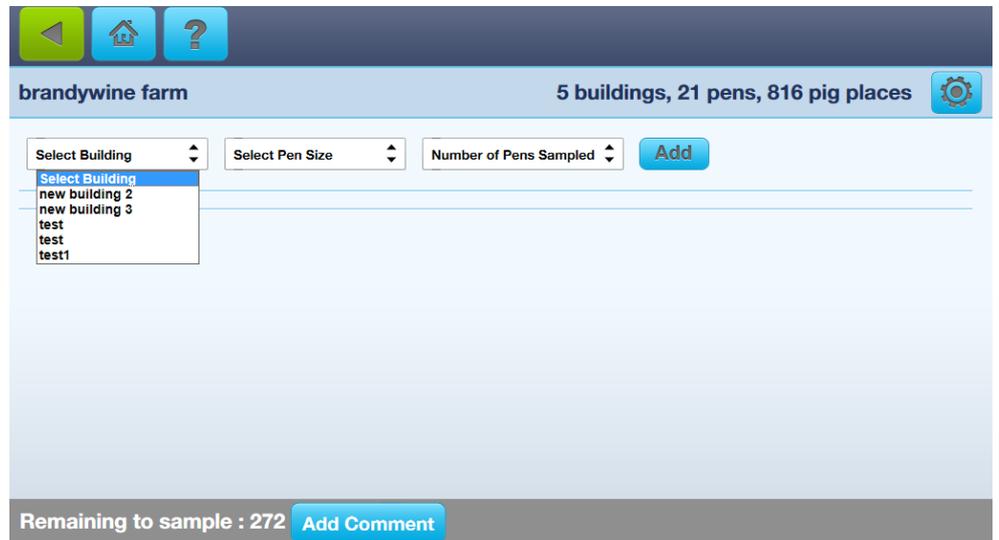
The screenshot shows a list of buildings for 'brandywine farm' with a sample date of '9th December 2014'. The total pig places are 816. Each building entry includes its name, type, and pen configuration, along with edit and delete icons.

| Building Name                     | Pen Configuration   | Total Pig Places | Actions |
|-----------------------------------|---|------------------|---------|
| new building 2 (Building,Natural) | Pen Size: (3 pens of 101 pig places)<br>Pen Size: (1 pens of 50 pig places) | 353 pig places   |         |
| new building 3 (Building,Natural) | Pen Size: (6 pens of 26 pig places)   | 156 pig places   |         |
| test (Building,Natural)           | Pen Size: (3 pens of 30 pig places)   | 90 pig places    |         |
| test (Building,Natural)           | Pen Size: (3 pens of 39 pig places)   | 117 pig places   |         |
| test1 (Building,Natural)          | Pen Size: (5 pens of 20 pig places)   | 100 pig places   |         |

Buttons: +Add Building, Continue

Select (using the drop-down lists) the buildings and pens you are sampling and select **Add** until all the pens you are sampling are listed.

If necessary, you can configure or re-configure the unit by selecting the cog icon.  (See Section 5)



Whilst entering the sample data, you can add a comment, if required, by selecting **Add Comment**.

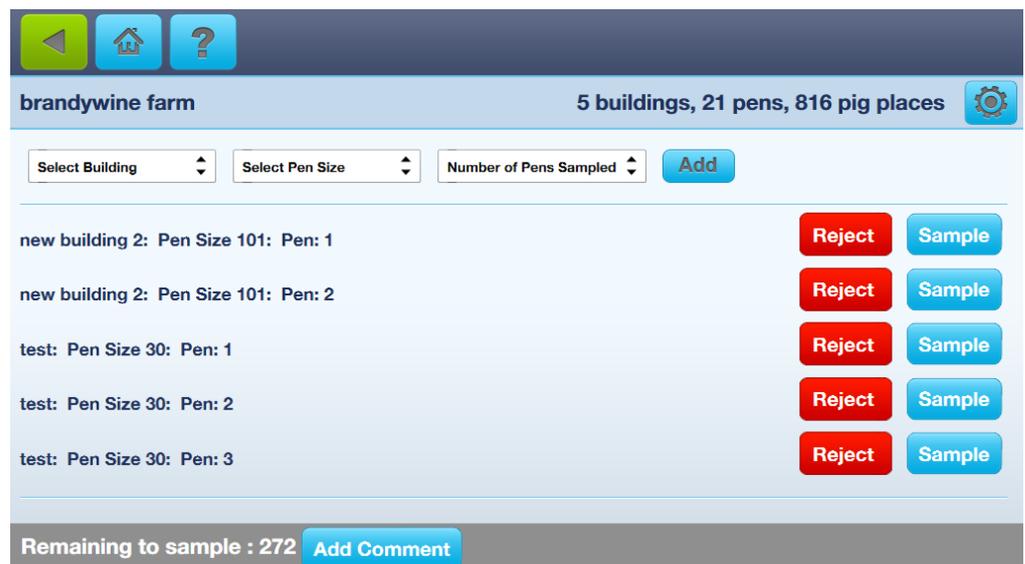
The comment field can be used to provide further information on units, buildings, pens or to add reminders or explanations.

Once created, the comment can be edited at any point prior to submitting the sample.

The comment can be seen when viewing the results (graphs).

Select **Reject** if you are not sampling from this pen

Select **Sample** to enter data for each pen.



## 4.4 Entering the sample data

When entering the data from your assessment sheet, you can use the Tab key to move to the next field. Drop-down lists are available for pen types, etc.

Some fields will fill automatically for similar pens in the same building.

brandywine farm 5 buildings, 21 pens, 816 pig places

Select Building Select Pen Size Number of Pens Sampled Add

new building 2: Pen Size 101: Pen 1

Pigs in this pen are :  > 50Kg  30 - 50Kg  < 30Kg Total Pigs in pen: 101 Open plan (indoor)

1. Hospital Pigs:  2. Lameness:  Liquid Always available Trough

3. Tail Lesions:  /50 Change Severe Undocked

4. Body Marks:  /50 Change Severe

5. Enrichment: Material Size Add Enrichment Other Active

Wood chip or shavings, Medium

Cancel Save

new building 2: Pen Size 101: Pen: 1 Reject Sample

test: Pen Size 30: Pen: 1 Reject Sample

test: Pen Size 30: Pen: 2 Reject Sample

test: Pen Size 30: Pen: 3 Reject Sample

Remaining to sample : 272 Add Comment

The above screen shows the layout when 'Severe only' has been chosen and the 'Enrichment use' slider set to 'ON'. Extra boxes are displayed when severe + mild is chosen. See sub-section 4.4.1

Whilst enrichment **use** is optional, enrichment **type** must be entered. Choose the material and the size from the options in the drop down lists and select **Add**. See the enrichment table below for size definitions.

Select **Save**

When you select the next pen to sample, the web portal confirms that the main measures have been completed. Once complete, select **Sample** for the next pen.

## 4.4.1 Mild tail lesions/body marks – optional

If you have elected to record mild tail lesions and/or mild body marks you will have additional boxes on this screen to record mild lesions.

This example (opposite) shows the layout when 'Severe and mild' has been chosen for both tail lesions and body marks

The screenshot shows the 'brandywine farm' interface for 'new building 2: Pen Size 101: Pen 1'. At the top, it indicates '5 buildings, 21 pens, 816 pig places'. Below this are dropdown menus for 'Select Building', 'Select Pen Size', and 'Number of Pens Sampled', followed by an 'Add' button. The main section is titled 'new building 2: Pen Size 101: Pen 1' and includes 'Pigs in this pen are' with radio buttons for '> 50Kg', '30 - 50Kg', and '< 30Kg', and a 'Total Pigs in pen:' field set to '101'. There is also an 'Open plan (indoor)' dropdown. The form contains several numbered sections: '1. Hospital Pigs:', '2. Lame Pigs:', '3. Tail Lesions:', and '4. Body Marks:'. Each of these sections has sub-fields for 'Lesions', 'Dirty', and 'Severe', along with a 'Total' field and a '/50 Change' link. For 'Tail Lesions', the 'Total' is '75' and the dropdown is 'Undocked'. For 'Body Marks', the dropdown is 'Undocked'. There is also a '5. Enrichment:' section with 'Material' and 'Size' dropdowns and an 'Add' button. A warning 'Wood chip or shavings, Medium' with a red 'X' icon is shown. At the bottom right, there are 'Cancel' and 'Save' buttons. At the very bottom, there are 'Reject' and 'Sample' buttons. A footer bar shows 'Remaining to sample : 272' and an 'Add Comment' button.

## 4.4.2 Under-sampling and over-sampling

For tail lesions and body marks, it is assumed that the number of pigs to be sampled is as per the protocol; e.g. 50 pigs in pen of more than 100 pigs.

This number can be changed if a different number of pigs have been assessed by selecting 'Change'.

Under/over sampling will result in a pop-up warning that you will need to confirm to continue.

This screenshot is identical to the one above, showing the 'brandywine farm' interface for 'new building 2: Pen Size 101: Pen 1'. The main difference is in the '3. Tail Lesions:' section, where the 'Total' field now displays '75' and the dropdown menu is set to 'Undocked'. The 'Add' button in the '5. Enrichment:' section is highlighted in blue. The rest of the interface, including the 'Wood chip or shavings, Medium' warning and the 'Cancel', 'Save', 'Reject', and 'Sample' buttons, remains the same. The footer bar still shows 'Remaining to sample : 272' and an 'Add Comment' button.

### 4.4.3 Flank and ear bites

Boxes to input 'Flank' and 'Ear' bites are displayed when the number of (mild or severe) body marks entered is > 0.

If the number of pigs with body marks is > 25% of the sample size, a further box is displayed asking if the body marks form a pattern. The pattern types can be chosen from the drop down list.

The screenshot shows a data entry form for 'brandywine farm' with 5 buildings, 21 pens, and 816 pig places. The current view is for 'new building 2: Pen Size 101: Pen 1'. The form includes fields for 'Pigs in this pen are' (with radio buttons for > 50Kg, 30 - 50Kg, < 30Kg), 'Total Pigs in pen: 101', and 'Open plan (indoor)'. There are five numbered sections: 1. Hospital Pigs (0), 2. Lamé Pigs (1), 3. Tail Lesions (1 Lesions, 10 Dirty, 1 Severe), 4. Body Marks (15 Marked, 10 Dirty, 0 Severe), and 5. Enrichment (Material, Size). A dropdown menu for 'Flank biting lesions' is open, showing 'No', 'Yes', and 'Add' options. The 'Add' button is highlighted in blue. At the bottom, there are 'Cancel', 'Save', 'Reject', and 'Sample' buttons, and a status bar showing 'Remaining to sample : 272' and an 'Add Comment' button.

### 4.4.4 Data submission

Once all pens are complete, check questions 1- 4 have green ticks. If not, press the re-enter arrow and complete the sample.

Once all questions and pens are complete select [View Results](#).

When all graphs have been viewed and you are satisfied that you have entered your sample correctly, select 'Submit'.

Data will be submitted to Real Welfare Database and you will receive an email to confirm that a sample has been submitted.

The screenshot shows the 'brandywine farm' data submission interface. The form is for 'new building 2: Pen Size 101: Pen 1' and shows a list of pens with green checkmarks indicating completion. The 'View Results' button is highlighted in blue. The status bar at the bottom shows 'Remaining to sample : 97' and an 'Add Comment' button.

| Pen                                  | Qu1 | Qu2 | Qu3 | Qu4 |
|--------------------------------------|-----|-----|-----|-----|
| new building 2: Pen Size 101: Pen: 1 | ✓   | ✓   | ✓   | ✓   |
| new building 2: Pen Size 101: Pen: 2 | ✓   | ✓   | ✓   | ✓   |
| test: Pen Size 30: Pen: 1            | ✓   | ✓   | ✓   | ✓   |
| test: Pen Size 30: Pen: 2            | ✓   | ✓   | ✓   | ✓   |
| test: Pen Size 30: Pen: 3            | ✓   | ✓   | ✓   | ✓   |

Enrichment size definitions

| <b>Enrichment type</b>   | <b>Size options</b> | <b>Size definitions</b>  |
|--|---------------------|--|
| <b>Straw</b>   | <b>Restricted</b>   | <b>Portions of straw dispensed throughout the day</b>          |
| <b>Wood chip or shavings</b>   | <b>Low</b>          | <b>Less than 5cm depth or less than 50% lying area covered</b> |
|  | <b>Medium</b>       | <b>Depth of &gt;5cm over 75% of lying area</b>                 |
| <b>Other substrate (e.g. sand)</b>   | <b>Deep</b>         | <b>Covers &gt;75% pen floor, depth 30cm+</b>                   |
|  |                     |  |
| <b>Chain<br/>Hollow Plastic (e.g. containers, tubes)<br/>Solid Plastic<br/>Wood<br/>Cardboard<br/>Wellies<br/>Traffic cone<br/>Other</b> | <b>Small</b>        | <b>Less than fist sized volume; or less than 20cm length</b>   |
|  | <b>Medium</b>       | <b>(Between small and large)</b>                               |
|  | <b>Large</b>        | <b>Larger than football sized volume; or longer than 60cm</b>  |
|  | <b>Extra large</b>  | <b>Larger than 2 footballs volume; or longer than 90cm.</b>    |
|  |                     |  |

## 5 Setting up (configuring) units

This process is important to help ensure that a representative sample of pigs is observed

If the unit has already been configured, there is no need to change it unless buildings are commissioned, decommissioned or is a 'Residual' building.\*

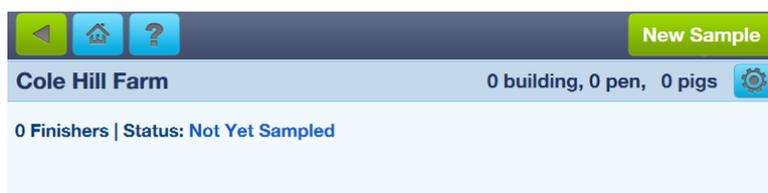
The number of pigs you observe is based on the number of pig places that have been configured, so please make sure that, if you change a configuration, the total number of pig places is still correct.

Ensure that all buildings expected to house 50kg+ pigs are included. You will need to include buildings that house 30-50Kg weight only if you think there will insufficient 50Kg+ pigs to sample.

*\*Note: Because most samples have been submitted via the bureau service, there was only a limited amount of information to configure units. This is why there might be a 'Residual' building, which was set up to make up the number of pig places to the correct total.*

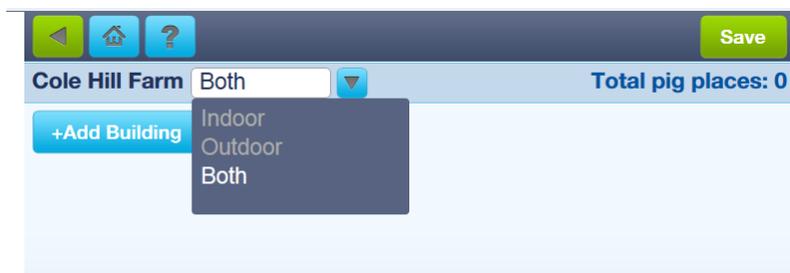
### 5.1 Configuring a unit

Once you have selected the unit, click on the cog icon .



Select the unit type from the drop down list.

Click .



*(Note that there are also opportunities to configure buildings whilst entering the sample).*

Add a building or paddock name (such as Left, Green, A, 1, New Barn, Paddock 1, Riverside) to help identify this building in future.

Select whether this is a building or paddock.

A further box will then be shown. Select ventilation type from the drop-down list.

| No | Pen Size | Total                 |
|----|----------|-----------------------|
|    |          | 0 pens, 0 pigs total. |

Enter the number of pens of the first pen type and the approximate pen size and then click on the  button. See below for further explanation.

## 5.2 Pen Types/Adding pens to the building

Pen types are just a rough way of describing the types of pens within a building – they might have different numbers of pigs, different feeding system (liquid or pellet), different flooring, etc.

Splitting buildings by pen type means the vet can provide specific advice for just the pigs in pens that needs it.

It is easier to split pen types and use typical pen size to label them; e.g. in the example below in Building 1, 'Pen type A' (blue pens) has pen size ~20 pigs, 6 pens; 'Pen type B' (orange pens) has pen size ~30 pigs, 2 pens



The screen (opposite), shows that 6 pens of the same pen design and feeding system, each able to hold approximately 20 pigs, has already been added. A further 2 pens holding 30 pigs is in the process of being added. This echoes the structure shown (above, left) 'Pens in Building 1'.

**Cole Hill Farm**

**Building Name:** Building 1

Natural

| No     | Pen Size | Total                                       |
|--------|----------|---|
| 6 Pens | 20 Pigs  | 120 Pigs <span style="color: red;">✘</span> |

**You need to set up all the pens in the building:**

No. of pens:  Pen Size:  pigs Add

**6 pens, 120 pigs total.**

Add further pens in the same way until all of the pens in the building have been entered.

Click on Save, and repeat the process for the next building.

Check the number of pig places is still correct; otherwise it might affect your sampling total

**Cole Hill Farm**

**Building Name:** Building 1

Natural

| No     | Pen Size | Total                                       |
|--------|----------|---|
| 6 Pens | 20 Pigs  | 120 Pigs <span style="color: red;">✘</span> |
| 2 Pens | 30 Pigs  | 60 Pigs <span style="color: red;">✘</span>  |

**You need to set up all the pens in the building:**

No. of pens:  Pen Size:  pigs Add

**8 pens, 180 pigs total.**

## 6 Viewing results

Once the sample has been entered and submitted the sample will be shown with status of 'Submitted'. The date of the visit will also be shown.

Only submitted data can be viewed:

Select the blue arrow to view the results



### 6.1 Demo Graphs

The graphs for the following measures have a similar layout:

- 1 – Hospital & Lamé pigs (Graph 1)
- 2 – Tail lesions and body marks (Graph 2)
- 3 – Enrichment (Graph 3)

The bars in the graph show:

- This Sample – the percentage score for this visit
- Unit Average – the rolling average scores of visits to this unit over the last 12 months
- National Score – the countrywide rolling average of visits to this unit over the last 12 months

A Pale green indicates lowest 50% of scores.

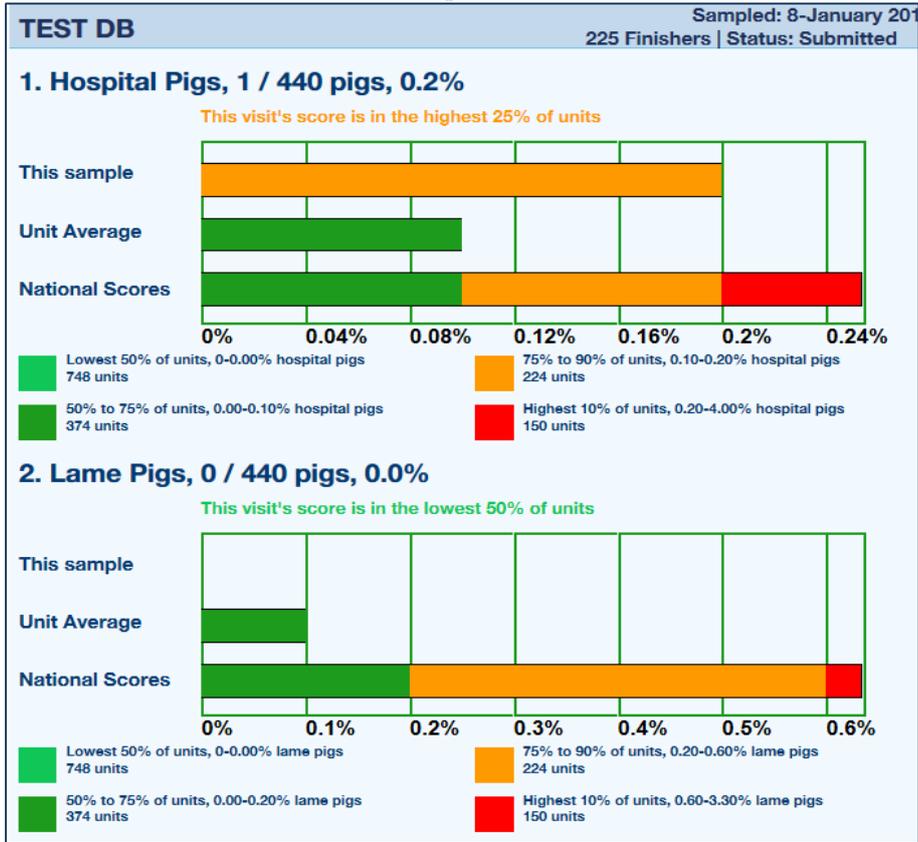
A bold green score shows the score is within the lowest 75% of units

An orange score shows that the unit is within the highest 25% of units

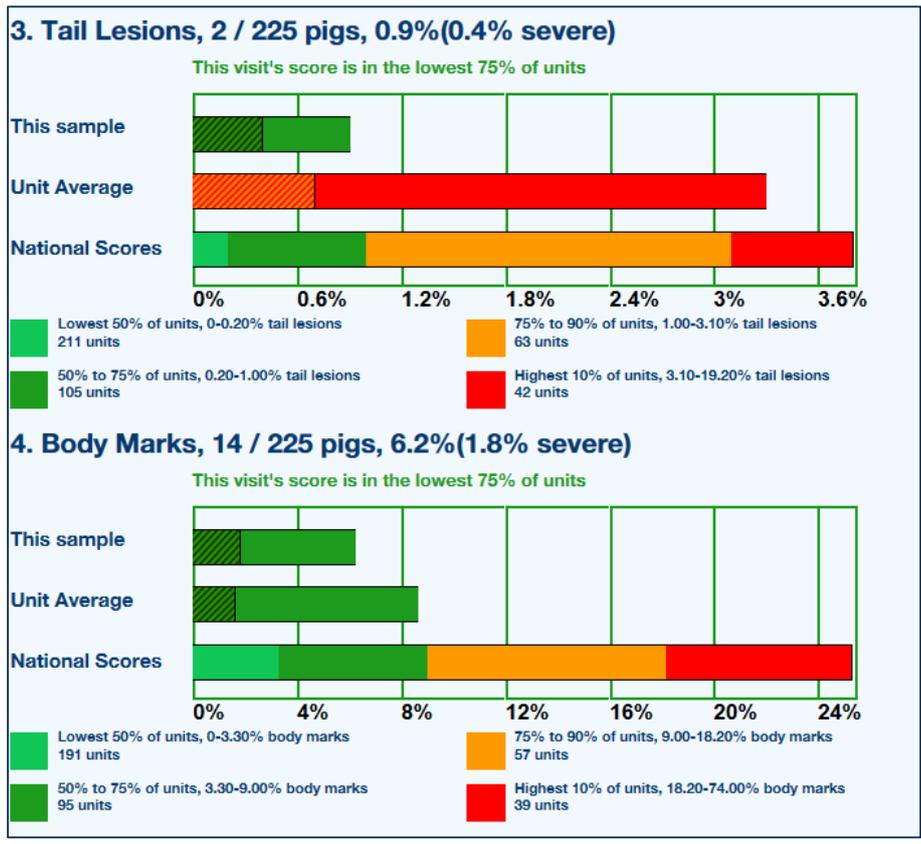
A red score show that the unit is within the highest 10% of units.

Example graphs are shown below:

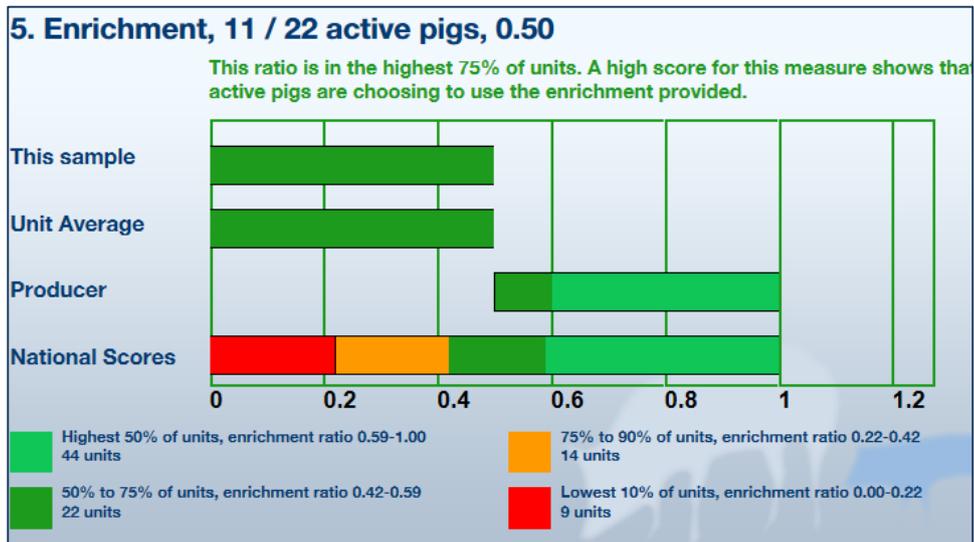
Graph 1



Graph 2



Graph 3



From autumn 2013, collection of enrichment use is optional so you might have no results for this section.

The graph has a similar format to previous graphs; however, a higher score in this one indicates a high proportion of pigs using enrichment.

In the example above the enrichment ratio = 0.5, so of the 22 'active' pigs (standing or sitting whilst chewing or rooting at something), 11 were using the enrichment provided, rather than other pigs or pen fittings.

# Stuck?

## For technical help

Contact AHDB Pork:

Phone 07583 517 930

Email to [real.welfare@ahdb.org.uk](mailto:real.welfare@ahdb.org.uk)

