

Offspring pairing

The offspring pairing feature allows a breeder to link offspring to a dam so they can look up an animal's lineage. This feature is intended to be used in a workflow where the Dam ID is entered first and then its offspring IDs are entered.

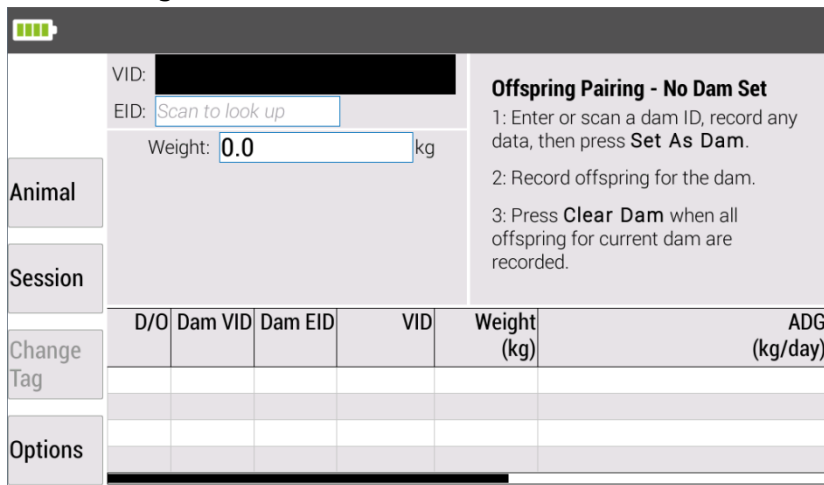
You can achieve the following with this feature:

- Link a Dam with its current offspring and record into the offspring lifetime information
- Record other information for the offspring and/or Dam such as DOB, Breed
- Optionally record weights either by connecting to a load cell/ load bar or by manually entering
- Look up the statistics of the lambing (or calving) percentages to monitor reproductive performance

Note: The Offspring Pairing feature is only available on the XR5000 model.

1 Setting up offspring pairing

1. Go to the **Settings** screen.
2. Press **Recording**
3. In the **Weight Recording** drop down list, select **Offspring Pairing**.
4. Go to the **Weigh** screen to start.





In offspring pairing mode, you will notice some changes to the **Weigh** screen:

- The right hand pane provides status information on the current Dam.
- The size of the weight has been reduced and you have the option to manually enter a weight.
- The left hand pane remains the same as in other modes. You can configure what information you want to display and record.
- A new soft key is displayed that you use to set or clear the Dam.
- A table at the bottom of the screen provides a quick view of the last four records. This enables you to check where you are in the pairing sequence and quickly fix any data entry errors.

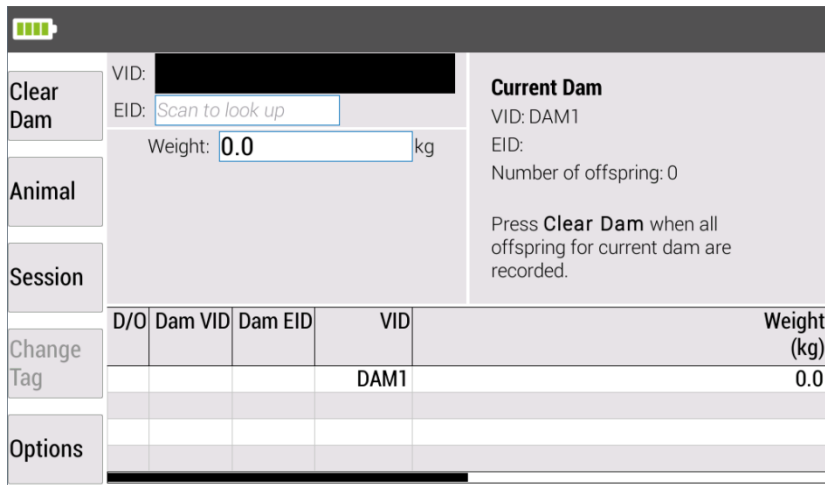
2 Capturing offspring against dam

1. Set the dam:

- Enter or scan the ID of the dam, record any details, then press  **Set As Dam**
- or
- In the animal table at the bottom of the screen, select the ID of an existing animal, press , then select **Set As Dam** from the menu.

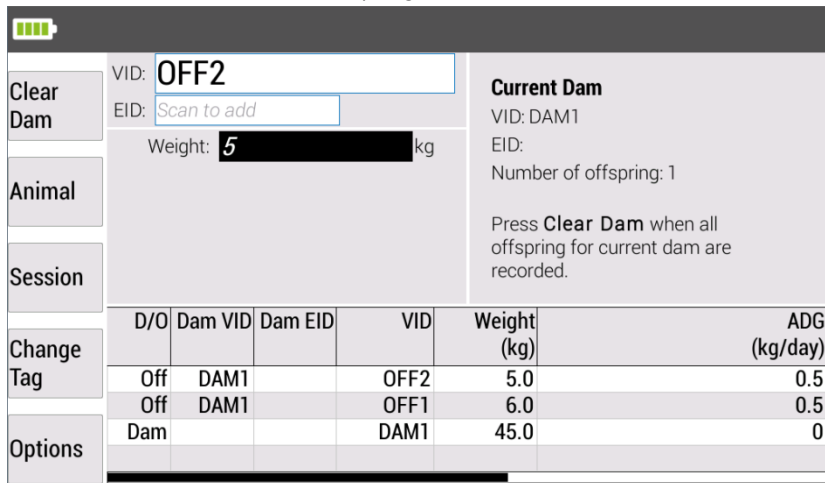
The ID of the dam is displayed at the top of the right hand pane.

Note: For every custom ID you create, the weigh scale will automatically create a “Dam” ID version that is used by this feature.




D/O	Dam VID	Dam EID	VID	Weight (kg)
	DAM1		DAM1	0.0

2. Record ID and details of each offspring.



D/O	Dam VID	Dam EID	VID	Weight (kg)	ADG (kg/day)
Off	DAM1		OFF2	5.0	0.5
Off	DAM1		OFF1	6.0	0.5
Dam			DAM1	45.0	0

Note: When an offspring has been paired to a Dam, the D/O column is populated with either “Off” – Offspring or “Dam” - Dam to provide you with a quick check that you are in the correct sequence.

3. When all offspring for the dam have been recorded, press  **Clear Dam**

3 Capturing additional information

You can display or capture additional information by adding it to the **Weigh** screen. This uses the same settings screen as in other modes - **Settings > Information to display and record**.

You can also customise new information to display and record as in other modes. Examples of custom information may include: Colour, Heart Girth at birth, Shoulder Length at birth Hip Height of calf at birth, Cow Weight at calf birth, Hock to Dew Claw at birth, Birth Size (L/M/S), After Birth Observation.

You can also edit the information on the **Animal** or **Session** screens.

4 Reviewing offspring pairing information

You can view offspring pairing information on the following screens:

- When the offspring pairing feature is turned on, **Session > Session Animals** displays a Session Animals table of Dam-Offspring records.

Session > Session Animals					
View Session: Session_002 (02/09/2015)					
Search:					
D/O	VID	Dam VID	Weight (kg)	Animal notes	
		DAM7	36.0		
Off	OFF61	DAM6	6.0		
Dam	DAM6		45.0		
Off	OFF52	DAM5	5.5		
Off	OFF51	DAM5	5.0		
Dam	DAM5		40.0		

Note that this is the same table that is displayed on the **Weigh** screen.

- Animal > Lifetime** and **Animal > All Animals** screens - displays the Dam IDs.

Animal > Lifetime	
Summary	VID: OFF1 EID: Scan to add
Summary	LID: Enter to add
History	DOB: <input type="text"/>
History	Breed: <input type="text"/>
History	Sex: <input type="text"/>
History	Group: <input type="text"/>
Lifetime	Status: <input type="text"/>
Lifetime	Location: <input type="text"/>
Lifetime	Sire: <input type="text"/>
All Animals	Dam: <input type="text"/>
All Animals	Dam LID: <input type="text"/>
All Animals	Dam EID: <input type="text"/>
All Animals	Dam VID: DAM1
Options	

Animal > All Animals						
Search:						
Summary	VID	Dam VID	EID	Breed	DOB	Dam EID
	DAM7					
History	OFF61	DAM6				
History	DAM6					
History	OFF52	DAM5				
History	OFF51	DAM5				
Lifetime	DAM5					
Lifetime	DAM4					
Lifetime	DAM3					
All Animals	OFF11	DAM2				
All Animals	DAM2					
All Animals	OFF2	DAM1				
All Animals	OFF1	DAM1				
Options	DAM1					

- Session > Statistics** - you can display offspring pairing statistics.

Session > Statistics							
View Session: Session_002 (02/09/2015)							
Statistic: Weight							
D/O	Offspring #	Count	Percent	Average	Minimum	Maximum	
	0	1	16.7	36.0	36.0	36.0	
Statistics	Dam	1	16.7	45.0	45.0	45.0	
Statistics	Off	2	16.7	40.0	40.0	40.0	
Statistics	Off	0	50	5.5	5.0	6.0	
Statistics	All Session Animals	6	100	22.9	5.0	45.0	

5 Getting information off the device

You can save animal lifetime data and selected session data to your computer using the Data Link apps or USB drive.

6 Fixing errors

Offspring is recorded against the wrong dam

To reassign an offspring to another dam:

1. On the **Weigh** screen, press **Clear Dam**.
2. Select the dam that you want to assign to the offspring, and set it as the dam.
3. Type or scan the ID of the offspring that you want to reassign the dam to and press .
4. On the **Reassign Dam** screen, press .

Dam is recorded as an offspring

To remove a dam set against an animal ID:

1. In the table on the **Weigh** screen or the **Animal > All Animals** screen, navigate to the Dam ID assigned to the animal record.

The screenshot shows the 'Weigh' screen interface. At the top, there are input fields for 'VID: Enter to look up', 'Weight: 0.0 kg', and 'Dam VID:'. To the right, a menu titled 'Offspring Pairing - No Dam Set' lists three steps: 1: Enter or scan a dam ID, record any data, then press **Set As Dam**. 2: Record offspring for the dam. 3: Press **Clear Dam** when all offspring for current dam are recorded. Below this is a table with columns: D/O, Dam VID, VID, Weight (kg), and ADG (kg/day). The table contains several rows, with the 'Off' row for 'DAM1' highlighted.

D/O	Dam VID	VID	Weight (kg)	ADG (kg/day)
Dam		DAM4		
Dam		DAM3	39	
	DAM2	OFF11	4.5	
Off	DAM1	DAM2	46	

2. Press , then select **Remove pairing** from the menu.

For further information regarding your stock management system, contact Datamars Ltd on 0800 878 837 (NZ), 1800 621 324 (AU), 800 874 8494 (US), 028 2076 8696 (UK).

For technical support, contact 0800 AGDATA (0800 243 282) (NZ), 1800 248 774 (AU), 800 433 3112 (US), 028 2076 8696 (UK).