User manual

# BigFarmNet MySow app

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# 1 System description

# 1.1 The BigFarmNet MySow app

The **BigFarmNet MySow app** is an addition to the **BigFarmNet Manager** software and makes it easier to record, manage and display sow data on pig farms.

Key production figures can be recorded with the BigFarmNet MySow app and displayed on site. The sows are identified by means of RFID transponders (sow transponders).

Data input is supported by **QuigTag** from Big Dutchman. QuigTag allows identifying locations using RFID transponders (location transponders).

The BigFarmNet MySow app currently runs on the Android-based handheld reader VH-H78 LF RFID.



# 1.2 Functions

The BigFarmNet MySow app provides a quick **overview of the feed intake** of all sows on the farm.



Information about the feed intake of all sows, sorted according to different criteria (see chapter 4 "Viewing the feeding log", page 18).

The below activities are possible with the BigFarmNet MySow app.

### Add a new sow to the system.



Enter the sow number and the sow's transponder number as well as more information about the sow (see chapter 5.1 "Adding a new sow", page 19).

### Assign a new transponder to a sow.



In case of a defect or loss, a sow can be assigned a new sow transponder (see chapter 5.2 "Assigning a new transponder to a sow", page 23).



### Change the feed amount for individual sows.



The feed amount defined in the feed curve can be increased or reduced individually for each sow.

The changed feed amount can be set to be:

- permanent;
- a fixed value for a specific period;
- for a specific period, where the feed amount changes in a linear manner from a start value back to the feed curve value over this period.

(see chapter 5.3 "Changing the feed amount for individual sows", page 26)

### Enter information about insemination.



Enter the type, place and date of insemination (see chapter 5.4 "Entering information about insemination", page 32).

### Enter information about farrowing.



Enter the place and date of a litter. Number of live or dead piglets or piglets moved after farrowing (see chapter 5.5 "Adding a new litter", page 36).

### Change the number of piglets with a sow.



Enter information about cross-fostering of piglets from the mother to a nurse sow (see chapter 5.6 "Changing the number of piglets with a sow", page 38).



#### Move a sow.



Enter information about moves of a single sow or of a group of sows (see chapter 5.7 "Moving a sow", page 42).

### Move out a sow.



Sows that are removed from the herd can be deleted from the system (see chapter 5.8 "Moving out a sow", page 45).

### Wean the piglets from the sow.



After the suckling period, the piglets are weaned and the sow is moved to the insemination area. This can be recorded using the activity "Wean sow" (see chapter 5.9 "Weaning piglets from a sow", page 47).

### Choose sows for selection and colour marking.



A sow chosen for selection is guided into a selection area after the next feeding. Sows can be automatically marked by colour while feeding (see chapter 5.10 "Selecting and marking sows", page 50).

### Show selection data.



Retrieve a list of selected or not selected sows (see chapter 5.11 "Showing the selection data", page 54).



### Show sow data.



Retrieve a list of current and saved information about a sow (see chapter 5.12 "Showing sow data", page 56).

### Enter a sow's death.



Enter the place and date of a sow's death (see chapter 5.13 "Entering a sow's death", page 59).





# **2** General operation

# 2.1 Using the handheld reader

For information on how to use the handheld reader, refer to the manufacturer's documentation.

# 2.2 Home screen

The Home screen appears once you have logged into the BigFarmNet MySow app.

Tap on a tile on the Home screen to go to the menus for all activities that are possible with the BigFarmNet MySow app (see chapter 1.2 "Functions", page 2).



Tap on the buttons at the bottom to go to the feeding log (see chapter 4 "Viewing the feeding log", page 18) and to the settings (see chapter 3.3 "Settings", page 12), and from here back to the Home screen.



From the activity start menus, you can return to the Home screen by tapping on the arrow in the top left corner.



# 2.3 Manual inputs

### Manual input of character strings

When you need to enter character strings manually, a keyboard will appear on the display.

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а	1	s		d		f		g		h		j		k		I	
仑		z		x		с		۷		b		n		m	i	0	<
?123	3	,						Er	ngli	sh					(	~	

### Input of key figures

When you need to edit pre-set key figures manually, a control panel will appear on the display.

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CANCEL		ок

Change the key figure by tapping on the plus or minus icon, or use the slider.

### **i** NOTICE!

Always save manual inputs by tapping on the checkmark in the top right corner of the screen.





# 2.4 Reading transponder signals

If it is possible to read an RFID transponder during data input, the message "Scan Tag now" will appear on the touchscreen for several seconds.



Once this message has appeared, the handheld reader is ready to read the transponder signal.

# 2.5 Changing date information

2:10 🖪 🔷 🕈
← New sow ✓
Date 04/09/2023
Sow no.
Transponder no. -
Location
Feed curve
Original no. -
Gilt
🛞 Scan Tag now
< (i) I

When working with the BigFarmNet MySow app, the current date of BFN Manager is adopted. If necessary, a different date can be used when recording an activity.

1. Tap on the date line on the activity screen.



A calendar with the current date appears.

- 2. Use the arrow buttons to select the correct month.
- 3. Tap on the correct day.
- 4. Confirm by tapping on "OK".



# 3 Setting up the handheld reader

# 3.1 Requirements

To use the handheld reader with the BigFarmNet MySow app, you need the following:

- Wifi access at all locations of the farm;
- a BigFarmNet basic installation with a
  - BigFarmNet Sow Manager license

and a

BigFarmNet Web Access Pig license.

# 3.2 Connecting the MySow app and BFN Manager

Before connecting for the first time, the handheld reader with the BigFarmNet MySow app and the planned users must be added to BFN Manager. (For more information, refer to the instructions for the BFN software.)

BFN Manager then creates a FarmLink ID that is required for login.

# 3.2.1 Initial login



1. Turn on the handheld reader and open the BFN app.





The login screen appears.

- 2. Enter the FarmLink ID.
- 3. Enter a user name.
- 4. Enter a password (only numbers).

When you move the slider to "Remember," the system will remember the FarmLink ID and the user.

5. Tap on the button "Login."

Confirm the login in BFN Manager.

6. Tap on the button "Login" again.

The Home screen appears.



### 3.2.2 Logging in additional users

Every user must enter a password at first login, and the login must be confirmed in BFN Manager.

Every user whose first login has been confirmed in BFN Manager can log into the BigFarmNet MySow app with their user name and password after starting the app.

When "Remember" is activated (slider to the right), the FarmLink ID and the last user are pre-set when the BigFarmNet MySow app is started the next time.

# 3.3 Settings

### 3.3.1 Setting the language

2:08 ■ Settings		<b>♥</b> Î
General		
Language		
Version v1.0.1.1090		
Set Quigtag		
Farm performance		
Weaning 12		
Farrowing 12		
Network		
Refresh rate 1 minutes		
Ping rate 15 seconds		
	LOG OUT	
Home	Feeding log	* Setting
•	$\bigcirc$	

### Language

Select the language.

When you tap on the menu item "Language," a list with the languages available for the BigFarmNet MySow app appears.

The display immediately switches to the new language selected by the user.



### 3.3.2 Adding a new location transponder

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Settings		
General		
Language		
Version v1.0.1.1090		
Set Quigtag		
Farm performance		
Weaning 12		
Farrowing		
Network		
Refresh rate 1 minutes		
Ping rate 15 seconds		
	LOG OUT	
Home	Eeeding log	* Setting
•		
	0	
11:11		Ŷ1
← QuigTag	g einstellen	
Gestation		^
Section 1		
Don 1		
Pell I		
Pen 2		
Pen 3		
Farrowing		^

Section 1 Pen 1 Pen 2 Pen 3 Pen 4 Pen 5 Pen 6 Pen 7 1. Tap on "Set Quigtag."

The farm structure with the locations saved in the BFN world is displayed.

2. Tap on the location for the new transponder.



2:09		♥ 🕯
← Set Quigta	g	~
Gestation - Section 1 - Pe	en 1	
0.1.7		
QuigTag ID		
120055925480		 -
•	$\bigcirc$	
2.00		• î
	a	
	9	
Gestation - Section 1 - Pe	en 1	
QuigTag ID		
Scan QuigTag now		 _
🔘 Scan Tag now		
-	$\bigcirc$	

3. Tap on "Scan QuigTag now."

4. Enter the transponder number.

### or

Scan the number of the location transponder.



2:09 🖬	♥ Î
$\leftarrow$ Set Quigtag	
Gestation	^
Section 1	*
Pen 1	db
Pen 2	db
Pen 3	db
Farrowing	^
Section 1	
Pen 1	db
Pen 2	db
Pen 3	۵۵
Pen 4	dd
Pen 5	db
Pen 6	db
Pen 7	

The locations for which a location transponder has already been created are marked by a transponder icon in the list.



# 3.3.3 Farm performance



### Farm performance: weaning

Enter the average number of piglets on the farm at weaning.

The input value is used as a pre-setting when starting the activity "Weaning."



### Farm performance: farrowing

Enter the average number of piglets on the farm at farrowing.

The input value is used as a pre-setting when starting the activity "Farrowing."

### 3.3.4 Information about the app

2:08  Settings		<b>₹</b> î
General		
Language		
Version v1.0.1.1090		
Set Quigtag		
Farm performance		
Weaning 12		
Farrowing 12		
Network		
Refresh rate 1 minutes		
Ping rate 15 seconds		
	LOG OUT	
Home	Feeding log	🗱 Setting
•		

### Version

Version number of the installed BigFarmNet MySow app

### **Refresh rate**

### Ping rate

Pre-set values that should not be changed without consulting Big Dutchman.



# 3.3.5 Logging out

2:08 🖬		<b>•</b> î
Settings		
General		
Language		
Version v1.0.1.1090		
Set Quigtag		
Farm performance		
Weaning 12		
Farrowing 12		
Network		
Refresh rate 1 minutes		
Ping rate 15 seconds		
	LOG OUT	
Home	Feeding log	* Setting
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Use the button **"Log out"** to log out the user without turning off the handheld reader, for example for a user change.

The user and the handheld reader are logged out when the handheld reader is turned off.



# 4 Viewing the feeding log

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Feeding log	1			۹
20 Today	3 -1 day	- -2 day	2 -3 day	
Gestation			•	=
Sow 1000 Gestation - S Gestation da	Section 1 - Per ay: 0	11		
Sow 1001 Gestation - S Gestation da	Section 1 - Per ay: 0	11		
Sow 1002 Gestation - S Gestation da	Section 1 - Per ay: 0	11		
Sow 1003 Gestation - S Gestation da	Section 1 - Per ay: 0	11		
Sow 1005 Gestation - S Gestation da	Section 1 - Per ay: 0	11		
Sow 1004 Gestation - S Gestation da	Section 1 - Per ay: 0	11		
	<u>لم</u>	4	*	
Home	Feedir	ng log	Setting	1
•				

Sow 1003 Gestation - Section Gestation day: 0	on 1 - Pen 1	
Sort by		
Days not fed		0
Gestation days		0
Sow no.		$\bigcirc$
	CANCEL	
•	igodot	

All sows of the selected location are displayed.

The top bar of the feeding log shows the number of sows that ate less than a set minimum amount of feed on the past three days and on the current day.

The value for the current day includes planned feeding times.

Tap on the "Sort by" button = to select criteria for the order of the sow list.



#### Page 19

# **5** Performing activities

# 5.1 Adding a new sow



Tap on "New sow" on the Home screen.

2:10 🗳		▼ 🕯
← New sow		~
Date 04/09/2023		
Sow no.		
Transponder no.		
Location		
Feed curve		
Original no.		
Gilt		
🚳 Scan Tag now		
•	$\bigcirc$	

Input options in the menu **New sow** 

- Date
- Sow no.
- Transponder no.
- Feed curve
- Original no.
- Gilt

By default, a "gilt" is expected (slider to the right). If the new sow is not a gilt (slider to the left), the parity is required, see page 22.



### Sow no.

Sow numbers must be unique on the farm. In case of a repeat input, an error message appears.

1. Enter the sow number manually and confirm by tapping on OK.

It may take two to four minutes for the sow to appear in the system.



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1260	559235	508										-
	CAN	CEL							ок			
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### Transponder no.

2. Enter the transponder number.

or

Scan the number of the sow transponder.

3. Confirm by tapping on OK.

2:12	<u>م</u>	▼ Î
÷	Select location	
Gest	tation	^
S	ection 1	
	Pen 1	
	Pen 2	
	Pen 3	
Farro	owing	~
Hou	se 1	~

#### Location

Location of the new sow.

4. Select the location.

or

Scan the number of the location transponder.

Feed curve		
Sow		0
Gilt		0
	CANCEL	
•	۲	

### Feed curve

When tapping on "Feed curve," all available feed curves set in BigFarmNet Manager will appear.

5. Assign a feed curve to the new sow.

2:13 🗳	▼ î
← New sow	$\checkmark$
Date 04/09/2023	
Sow no. 1000	
Transponder no. 126055923508	
Location Gestation - Section 1 - Pen 1	
Feed curve Sow	
Original no.	
Gilt	
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2:12 🖪	♥ 🕯
← New sow	~
Date 04/09/2023	
Sow no. 1000	
Transponder no. 126055923508	
Location Gestation - Section 1 - Pen 1	
Feed curve Sow	
Original no.	
Gilt	
Parity 2	

### Gilt

If the new sow has not had a litter, "Gilt" remains active (slider to the right).

If the new sow has already had a litter, deactivate "Gilt" (slider to the left).

The menu item "Parity" is displayed.

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### Parity

- 6. Enter how often the sow has previously had litters.
- 7. Confirm by tapping on OK.

2:13	▼ 🗎
← New sow	~
Date 04/09/2023	
Sow no.	
Transponder no.	
Location Gestation - Section 1 - Pen 1	
Feed curve Sow	
Original no.	
Gilt	
🚳 Scan Tag now	
<	

8. Save the inputs.

After saving, you can add another sow. In the dialog window, the inputs for

- date;
- location;
- feed curve

of the previous sow are pre-set.



# 5.2 Assigning a new transponder to a sow



Tap on "Change transponder" on the Home screen.

2:33	♥ 🗎
$\leftarrow$ Change transponder	Q
Gestation	•
Sow 1000 Transponder no. 126055923508	
Sow 1001 Transponder no. 126055923522	
Sow 1002 Transponder no. 126055923514	
Sow 1003 Transponder no. 126055923502	
Sow 1004 Transponder no. 126055923505	
Sow 1005 Transponder no. 126055923481	
Sow 1006 Transponder no. 126055923494	
Sow 1008 Transponder no. 126055923488	
Sow 1007 Transponder no. 126055923483	
Sow 1009 Transponder no. 126055923484	

The sows of the selected location are displayed.

- 1. Tag the sow with the new transponder.
- 2. Tap on the sow.



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qwertyuiop

asdfghjkl

zxcvbnm 🗵

7890

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### Menu Change transponder

3. Tap on "New transponder no."

4. Enter the transponder number.

#### or

Scan the number of the new sow transponder.

5. Confirm by tapping on OK.

2:34 🖬	<b>†</b>
← Change transponder	~
Sow no. 1000	
Transponder no. 126055923508	
Location Gestation - Section 1 - Pen 1	
Date 04/09/2023	
New transponder no. 126055923525	

6. Save the inputs.



# 5.3 Changing the feed amount for individual sows

Tap on "Adjust feed amount" on the Home screen.

Adjust feed amount

2:34 🖬	♥ 🕯
← Adjust feed amount	۹
Gestation	*
Sow 1000 Transponder no. 126055923525	
Sow 1001 Transponder no. 126055923522	
Sow 1002 Transponder no. 126055923514	
Sow 1003 Transponder no. 126055923502	
Sow 1004 Transponder no. 126055923505	
Sow 1005 Transponder no. 126055923481	
Sow 1006 Transponder no. 126055923494	
Sow 1008 Transponder no. 126055923488	
Sow 1007 Transponder no. 126055923483	
Sow 1009 Transponder no. 126055923484	

The sows of the selected location are displayed.

• Tap on a sow from the list.

or

• Scan the sow's transponder.

<ul> <li>Adjust feed amount</li> <li>Sow no. 1000</li> <li>Transponder no. 126055923525</li> <li>Location Gestation - Section 1 - Pen 1</li> <li>State Empty</li> <li>Days in state 0</li> <li>Base adjustment 100 %</li> <li>Start factor 100 %</li> <li>Duration 1</li> <li>Start date 04/09/2023</li> <li>Feed curve Lactation</li> <li>Feed curve Lactation</li> <li>Feed allowed 2 kg</li> <li>Feed atten 0 %</li> <li>Condition</li> <li>To do a multiple adjust feed amount, scan sows</li> </ul>	<ul> <li>✓ Adjust feed amount</li> <li>✓</li> <li>Sow no. 1000</li> <li>Transponder no. 126055923525</li> <li>Location Gestation - Section 1 - Pen 1</li> <li>State Empty</li> <li>Days in state 0</li> <li>Base adjustment 100 %</li> <li>Start factor 100 %</li> <li>Duration 1</li> <li>Start date 04/09/2023</li> <li>Feed curve Lactation</li> <li>Feeding day -</li> <li>Feed allowed 2 kg</li> <li>Feed eaten 0 %</li> <li>Condition -</li> <li>To do a multiple adjust feed amount, scan sows</li> </ul>	2:34 🖪 🔍	Î
Sow no. 1000 Transponder no. 126055923525 Location Gestation - Section 1 - Pen 1 State Empty Days in state 0 Base adjustment 100 % Start factor 100 % Start factor 100 % Start factor 100 % Start date 04/09/2023 Feed curve Lactation Feed curve Lactation Feed allowed 2 kg Feed allowed 2 kg Condition - To do a multiple adjust feed amount, scan sows	Sow no. 1000 Transponder no. 126055923525 Location Gestation - Section 1 - Pen 1 State Empty Days in state 0 Base adjustment 100 % Start factor 100 % Start factor 100 % Start factor 100 % Start factor 100 % Start date 0/09/2023 Feed curve Lactation Feeding day - Feed today 0 kg Feed allowed 2 kg Feed aten 0 % Condition - To do a multiple adjust feed amount, scan sows	$\leftarrow$ Adjust feed amount $\sim$	/
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Days in state 0 Base adjustment 100 % Start factor 100 % Duration 1 Start date 04/09/2023 Cody Cody Feed curve Lactation Feed curve Lactation Feed allowed 2 kg Feed allowed 2 kg Feed allowed 2 kg Condition - To do a multiple adjust feed amount, scan sows Continue adjust feed amount, scan sows	Days in state 0 Base adjustment 100 % Start factor 100 % Duration 1 Start date 04/09/2023  Feed curve Lactation Feeding day Feed allowed 2 kg Feed allowed 2 kg Feed eaten 0 % Condition T To do a multiple adjust feed amount, scan sows Continuously.	State Empty	
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Duration 1 Start date 04/09/2023	Duration 1 Start date 04/09/2023	Start factor 100 %	
Start date 04/09/2023	Start date 04/09/2023 Feed curve Lactation Feeding day - Fed today 0 kg Feed allowed 2 kg Feed allowed 2 kg Condition - To do a multiple adjust feed amount, scan sows Condition Start S	Duration 1	
Feed curve Lactation Feeding day - Fed today 0 kg Feed allowed 2 kg Feed allowed 2 kg Condition - To do a multiple adjust feed amount, scan sows	Feed curve Lactation Feeding day - Feed today 0 kg Feed allowed 2 kg Feed eaten 0 % Condition - To do a multiple adjust feed amount, scan sows	Start date 04/09/2023	
Feed curve Lactation Feeding day - Fed today 0 kg Feed allowed 2 kg Feed eaten 0 % Condition - To do a multiple adjust feed amount, scan sows	Feed curve Lactation Feeding day - Fed today 0 kg Feed allowed 2 kg Feed eaten 0 % Condition - To do a multiple adjust feed amount, scan sows continously.		
Feed curve         Lactation         Feeding day         -         Fed today         0 kg         Feed allowed         2 kg         Feed eaten         0 %         Condition         -         To do a multiple adjust feed amount, scan sows	Feed curve   Lactation   Feeding day   -   Fed today   0 kg   Feed allowed   2 kg   Feed eaten   0 %   Condition   -   To do a multiple adjust feed amount, scan sows   continously.		-
Feeding day - Fed today 0 kg Feed allowed 2 kg Feed eaten 0 % Condition - To do a multiple adjust feed amount, scan sows Continously.	Feeding day - Fed today 0 kg Feed allowed 2 kg Feed eaten 0 % Condition - To do a multiple adjust feed amount, scan sows continously.	Feed curve Lactation	
Fed today 0 kg Feed allowed 2 kg Feed eaten 0 % Condition - To do a multiple adjust feed amount, scan sows continously.	Fed today 0 kg Feed allowed 2 kg Feed eaten 0 % Condition - To do a multiple adjust feed amount, scan sows continously.	Feeding day	
Feed allowed 2 kg Feed eaten 0 % Condition - To do a multiple adjust feed amount, scan sows continously.	Feed allowed 2 kg Feed eaten 0 % Condition - To do a multiple adjust feed amount, scan sows continuously.	Fed today 0 kg	
Feed eaten 0 % Condition - To do a multiple adjust feed amount, scan sows continously.	Feed eaten 0 % Condition - To do a multiple adjust feed amount, scan sows continously.	Feed allowed 2 kg	
Condition - To do a multiple adjust feed amount, scan sows continously.	Condition - To do a multiple adjust feed amount, scan sows continously.	Feed eaten 0 %	
To do a multiple adjust feed amount, scan sows continously.	To do a multiple adjust feed amount, scan sows continously.	Condition	
		To do a multiple adjust feed amount, scan sows continously.	

Base adjustment

CANCEL

The current values for the sow are displayed.

Input options in the menu Adjust feed amount:

- Base adjustment
- Start factor
- Duration
- Start date
- Constant factor
- Feed curve
- Condition

### Base adjustment

The base adjustment is used to set a feed amount that permanently deviates from the feed curve. A base adjustment of 100 (= 100 % of the feed curve's feed amount) means no deviation.

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Start factor

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CANCEL



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A base adjustment of 125 (= 125 % of the feed curve's feed amount) means a feed amount that is 25 % higher than set in the feed curve.

- Enter the base adjustment.
- Confirm by tapping on OK.

### Start factor

The start factor is used to set a feed amount that initially deviates from the feed curve for a certain amount of time.

A start factor of 100 (= 100 % of the feed curve's feed amount) means no deviation.

(A start factor can be set in addition to the base adjustment.)



A start factor of 125 (= 125 % of the feed curve's feed amount) means a feed amount that is 25 % higher than set in the feed curve at the beginning of the selected period.

- Enter the start factor.
- Confirm by tapping on OK.

### Duration

Enter the duration for which the feed amount deviates from the feed curve, in days.





2:36 🖂 🌥

Sow no. 1000

Location

State Empty Days in state

Transponder no

Base adjustment 100 % Start factor 125 % Duration 30 Start date 04/09/2023 Constant factor

Feed curve Sow

◄

Gestation - Section 1 - Pen 1

Adjust feed amount

4

### Start date

- Define the date of the first day of the duration.
- Confirm by tapping on OK.

### **Constant factor**

♥ 🗎

1

If "Constant factor" is activated (slider to the right), the feed amount remains the same for the selected period.

BigFarn	nNet MyS	ow app	
Edition:	12/2023	99-94-50	)60 GB

 $\bigcirc$ 



Start factor 125 %

Sow

Gilt

Feed curve

10:07 🖬	▼ 0
← Adjust feed amount	~
Sow no. 1001	
Transponder no. 126055923522	
Location Gestation - Section 1 - Pen 2	
State Empty	
Days in state 23	
Base adjustment 100 %	
Start factor 125 %	
Duration 30	
Start date 09/04/2023	
Constant factor	
Feed curve Sow	
Feeding day	

If "Constant factor" is deactivated (slider to the left), the deviating feed amount changes every day.

At the end of the selected duration, the feed amount corresponds to the feed curve value again.

# Feed curve

**~** 

 $\bigcirc$ 

Select a different feed curve as an option.

Feeding day	CANCEL	
•	۲	
		~
Condition		
Not defined		$\bigcirc$
Emaciated		0
Thin		0
Optimal		$\bigcirc$
Overweight		0
Fat		0
	CANCEL	

### Condition

Note the sow's weight as an option.



Page	3	1
------	---	---

1:27 🖪 🔷 🕈 🗎
← Adjust feed amount ✓
100 %
Start factor 125 %
Duration 40
Start date 11/29/2023
Constant factor
Feed curve Lactation
Feeding day
Fed today 0 kg
Feed allowed 2 kg
Feed eaten 0 %
Condition Optimal
To do a multiple adjust feed amount, scan sows continously.

Save the inputs.



BigFarmNet MySow app

99-94-5060 GB

Edition: 12/2023

# 5.4 Entering information about insemination

Tap on "Insemination" on the Home screen.



All sows that can be inseminated are listed.

1.

• Tap on a sow from the list.

or

• Scan the sow's transponder.

Insemination

2:36 🖪 📥 🔷 🕈 🗎
$\leftarrow$ Insemination $\checkmark$
Sow no. 1000
Transponder no. 126055923525
Location Gestation - Section 1 - Pen 1
State Empty
Date 04/09/2023
Group -
<b>Type</b> Artificial
Insemination 1
Semen Scan barcode/manual input
To do a multiple insemination, scan sows continously.

### Input options in the menu Insemination:

- Date
- Group
- Туре
- Semen

Sows can be inseminated multiple times.

The menu item "Insemination x" shows the consecutive number for the current insemination of the selected sow.



# 36 Type Artificial Semen 0101 0201 CANCEL

### Group

If an insemination of multiple sows is planned soon, these sows can be grouped as an option.

• Enter the group name.

The group name can be selected freely. After entering a group name for the first time, this group is automatically created in the system.

• Confirm by tapping on OK.

### Semen

The list shows the numbers of boars saved in BFN Manager that may have provided the semen.

• Select a boar.



2:38 ■ ▲ ← Insemination	<ul> <li>♥ Î</li> <li>✓</li> </ul>
Sow no. 1000	
Transponder no. 126055923525	
Location Gestation - Section 1 - Pen 1	
State Empty	
Date 04/09/2023	
Group	
<b>Type</b> Artificial	
Insemination 1 <b>Semen</b> Scan barcode/manual input	
Sow 1009 Transponder no. 126055923484	8
Sow 1008 Transponder no. 126055923488	$\otimes$

2:38 🖪 📥	♥ 🗎
← Insemination	~
lype Artificial	
Insemination 1	
Semen Scan barcode/manual input	
Sow 1009	⊗
Sow 1008	8
Sow 1007 Transponder no. 126055923483	8
Sow 1006 Transponder no. 126055923494	⊗
Sow 1005 Transponder no. 126055923481	⊗
Sow 1004 Transponder no. 126055923505	$\otimes$
Sow 1003 Transponder no. 126055923502	8
Sow 1002 Transponder no. 126055923514	$\otimes$
Sow 1001 Transponder no. 126055923522	8

After entering the insemination information, this information can be used for other inseminated sows by scanning the sow transponder.

Inseminated sows are listed.





The insemination of multiple sows requires an additional confirmation.



)]

Farrowing

# 5.5 Adding a new litter

Tap on "Farrowing" on the Home screen.



All inseminated sows of the selected location are listed.

• Tap on a sow from the list.

or

• Scan the sow's transponder.

2:43 🖬 🌥	
← Farrowing	~
Sow no. 1000	
Transponder no. 126055923525	
Location Farrowing - Section 1 - Pen 1	
State Served	
Date 04/09/2023	
Live-born 12	
Stillborn	
Moved piglets	
New total 12	

### Input options in the menu **Farrowing**:

- Date
- Live-born
- Stillborn
- Moved piglets



### Live-born

- Enter the number of piglets that were born alive.
- Confirm by tapping on OK.



### Stillborn

- Enter the number of piglets that were stillborn.
- Confirm by tapping on OK.



# 5.6 Changing the number of piglets with a sow

Tap on "Change no. of piglets" on the Home screen.

Change no. of piglets

41 ±

1:13 🖪	▼ 🕄
$\leftarrow$ Change no. of piglets	۹
Gestation	•
<mark>Sow 1000</mark> Transponder no. 91050781965	
Sow 1001 Transponder no. 91050780701	
Sow 1002 Transponder no. 91050784516	
Sow 1003 Transponder no. 91050783173	
Sow 1004 Transponder no. 91050783812	
Sow 1005 Transponder no. 91050783321	
◀ ◎ ■	

All lactating sows of the selected location are listed.

• Tap on a sow from the list.

or

• Scan the sow's transponder.

1:13 🖪 🔍 🗣 😡
$\leftarrow$ Change no. of piglets $\checkmark$
Sow no. 1000
Transponder no. 91050781965
Location Gestation - Section 1 - Pen 1
State Säugend
Date 09/29/2023
Moved piglets
New total 12

### **Moved piglets**

There are two input options to change the number of piglets:

1. Piglets are added to a sow. The app requests the mother which gave birth to these piglets.

2. Piglets are removed from a sow. The app requests the nurse sow to which they are moved.



### Moved piglets

Input of a positive value:

- Enter the number of piglets that were added to the selected sow.
- Confirm by tapping on OK.



1:14 🖬	V 🛛
← Change no. of piglets	~
Sow no. 1000	
Transponder no. 91050781965	
Location Gestation - Section 1 - Pen 1	
State Säugend	
Date 09/29/2023	
Moved piglets 3	
Mother sow 1005	
New total 15	

-12	Ð
	12
CANCEL OK	

Enter the number of the mother sow.

Input of a negative value:

- Enter the number of piglets that were removed from the selected sow.
- Confirm by tapping on OK.

<ul> <li>✓ Change no. of piglets</li> <li>✓</li> <li>Sow no. 1000</li> <li>Transponder no. 91050781965</li> <li>Location Gestation - Section 1 - Pen 1</li> <li>State Saugend</li> <li>Date 09/29/2023</li> <li>Moved piglets -2</li> <li>Target sow 1005</li> <li>New total 10</li> </ul>	ľ	1:14 🖬	V 0
Sow no. 1000 Transponder no. 91050781965 Location Gestation - Section 1 - Pen 1 State Saugend Date 09/29/2023 Moved piglets -2 Target sow 1005 New total 10		$\leftarrow$ Change no. of piglets	~
Transponder no. 91050781965 Location Gestation - Section 1 - Pen 1 State Saugend Date 09/29/2023 Moved piglets -2 Target sow 1005 New total 10		Sow no. 1000	
Location Gestation - Section 1 - Pen 1 State Saugend Date 09/29/2023 Moved piglets -2 Target sow 1005 New total 10		Transponder no. 91050781965	
State Saugend Date 09/29/2023 Moved piglets -2 Target sow 1005 New total 10		Location Gestation - Section 1 - Pen 1	
Date 09/29/2023 Moved piglets -2 Target sow 1005 New total 10		State Säugend	
Moved piglets -2 Target sow 1005 New total 10		Date 09/29/2023	
Target sow 1005 New total 10		Moved piglets -2	
New total 10		Target sow 1005	
		New total 10	

•

Enter the number of the target sow (nurse).



### 5.7 Moving a sow



Tap on "Move sow" on the Home screen.

3:01	
← Move sow	۹
Farrowing	•
Sow 1000 Transponder no. 126055923525	
Sow 1001 Transponder no. 126055923522	
Sow 1002 Transponder no. 126055923514	
Sow 1003 Transponder no. 126055923502	
Sow 1004 Transponder no. 126055923505	
Sow 1005 Transponder no. 126055923481	
Sow 1006 Transponder no. 126055923494	
Sow 1008 Transponder no. 126055923488	
Sow 1007 Transponder no. 126055923483	
Sow 1009 Transponder no. 126055923484	
$\triangleleft$	

All sows of the selected location are listed.

• Tap on a sow from the list.

or

• Scan the sow's transponder.



### Input options in the menu **Move sow**:

- Date
- New location
- New state
- Move entire group

### **Select location**

- Select the target location from the list. or
- Scan the target location's transponder.

◄





#### New state

Enter the sow's state after moving.

### Move sow $\checkmark$ Sow no 1000 Farrowing - Section 1 - Pen 1 State Lactating Group 36 Date 09/04/2023 New location Gestation - Section 1 - Pen 1 New state Move entire group ◄

Gestation - Section 1 - Pen 1	
New state	
Move entire group	
You are about t Are yo	o move <b>9</b> sows! u sure?
CANCEL	ок
•	

### Comment

Free text input.

### Move entire group

When this option is active (slider to the right), the target location and the new status are accepted for the entire group.

Moving an entire group requires an additional confirmation.



# 5.8 Moving out a sow



Tap on "Move out sow" on the Home screen.

3:03 🖪 📥	<b>•</b> î
$\leftarrow$ Move out sow	۹
Gestation	•
Sow 1000 Transponder no. 126055923525	
Sow 1001 Transponder no. 126055923522	
Sow 1002 Transponder no. 126055923514	
<mark>Sow 1003</mark> Transponder no. 126055923502	
<mark>Sow 1004</mark> Transponder no. 126055923505	
<mark>Sow 1005</mark> Transponder no. 126055923481	
<mark>Sow 1006</mark> Transponder no. 126055923494	
Sow 1008 Transponder no. 126055923488	
Sow 1007	
🚳 Scan Tag now	
Transponder no. 126055923484	

All sows of the selected location are listed.

• Tap on a sow from the list.

or

• Scan the sow's transponder.





#### Reason

The reason for moving out this sow.

Tap on the menu item.

Reason	
Reason	
102	$\bigcirc$
103	0
101	0
CANC	EL
< ●	

A list of reasons as saved in BFN Manager appears.

- Select the correct reason.
- Confirm your selection by tapping on the checkmark in the top right corner.

After confirmation, you can scan the transponders of additional sows you want to move out for the same reason.

To do a multiple move out sow, scan sows continously.

 Are you sure?

 CANCEL

 OK

Moving out multiple sows requires an additional confirmation.



# 5.9 Weaning piglets from a sow



Tap on "Wean sow" on the Home screen.

2:49 🖪 📥 🔷 🕈 🕯	
← Wean sow Q	
Farrowing	
Sow 1000 Transponder no. 126055923525	
Sow 1001 Transponder no. 126055923522	
Sow 1002 Transponder no. 126055923514	
<mark>Sow 1003</mark> Transponder no. 126055923502	
<mark>Sow 1004</mark> Transponder no. 126055923505	
<mark>Sow 1005</mark> Transponder no. 126055923481	
<mark>Sow 1006</mark> Transponder no. 126055923494	
<mark>Sow 1008</mark> Transponder no. 126055923488	
<mark>Sow 1007</mark> Transponder no. 126055923483	
Sow 1009 Transponder no. 126055923484	

All lactating sows of the selected location are listed.

• Tap on a sow from the list.

or

Scan the sow's transponder.





No. of weaned piglets

CANCEL

\_

٢

g

 $\bigcirc$ 

(+)

30

ОК

### Input options in the menu Wean sow:

- Date
- No. of weaned piglets
- No. of dead piglets
- Weaning comment

### No. of weaned piglets

• Enter the number of weaned piglets and confirm by tapping on "OK."



### No. of dead piglets

• Enter the number of stillborn piglets and confirm by tapping on "OK."





### Weaning comment

After tapping on "Weaning comment," a list of comments saved in BFN Manager appears.

- Select a comment.
- Confirm your selection by tapping on the checkmark in the top right corner.



# 5.10 Selecting and marking sows



Tap on "Color/Selection" on the Home screen.

Со	lor/	Se	lect	io
----	------	----	------	----

3:06 🕅 🔺	<b>T</b>
← Color/Selection	٩
Gestation	•
<mark>Sow 1000</mark> Transponder no. 126055923525	
Sow 1001 Transponder no. 126055923522	
Sow 1002 Transponder no. 126055923514	
Sow 1003 Transponder no. 126055923502	
Sow 1004 Transponder no. 126055923505	
Sow 1005 Transponder no. 126055923481	
<mark>Sow 1006</mark> Transponder no. 126055923494	
Sow 1008 Transponder no. 126055923488	
Sow 1007	
🛞 Scan Tag now	
Transponder no. 126055923484	

All sows of the selected location are listed.

• Tap on a sow from the list.

or

• Scan the sow's transponder.



### Input options in the menu Color/Selection:

- Due date
- End date
- Permanent
- Color
- Select

#### 3:06 🗖 📥 Mon, Sep 4 September 2023 > Due 09/0 F М Т W S S End ( 6 7 8 9 Perm 13 14 15 16 10 12 Colo 20 21 22 23 17 19 26 27 28 29 30 24 CANCEL ок ◄

### Due date

Beginning of the time period within which the activity will be performed.

- Tap on the date.
- Confirm by tapping on OK.





### End date

End of the time period within which the activity will be performed.

- Tap on the date.
- Confirm by tapping on OK.

Permanent	
Color	
Color	
Sprayer1	$\bigcirc$
Sprayer2	$\bigcirc$
Sprayer3	$\bigcirc$
CANCEL	OR

### Color

Select the correct sprayer for color marking.

- Tap on the sprayer.
- Confirm by tapping on OK.



3:07 🖪 📥 < 🕈 🗎
$\leftarrow$ Color/Selection $\checkmark$
Sow no. 1001
Transponder no. 126055923522
Location Gestation - Section 1 - Pen 1
Due date 09/04/2023
End date 09/06/2023
Permanent C
Color Sprayer1
Select
To do a multiple color/selection, scan sows continously.
◀

### Permanent

Activated (slider to the right): The required activities are performed for every feeding time in the period. Deactivated (slider to the left): The required activities are performed only for the first feeding in the time period.

### Select

Activated (slider to the right): The sow is selected after feeding.

Deactivated (slider to the left): The sow is only marked by color.

Multi-sow



# 5.11 Showing the selection data

Tap on "Show selection data" on the Home screen.

All sows of the selected location are listed.

• Tap on a sow from the list.

or

• Scan the sow's transponder.

### Time remaining

Time until the next feeding / selection of the current day.

Tap on the filter button = to select criteria for the sow list.

### Today, Yesterday, Tomorrow

Selection of the day.

### Only sows that were not selected

Deactivated (slider to the left): List of sows that will be selected.

Activated (slider to the right): List of sows that will not be selected.



3:11 🗖 📥	▼ 🗎
$\leftarrow$ Show selection data	Q
Gestation 💌	Ŧ
Today Time remaining: <mark>8h 48m</mark> Number of sows not selected: 9/10	
Sow 1000 Gestation - Section 1 - Pen 1	
Sow 1002 Gestation - Section 1 - Pen 1	
Sow 1003 Gestation - Section 1 - Pen 1	
Sow 1005 Gestation - Section 1 - Pen 1	
Sow 1004 Gestation - Section 1 - Pen 1	
Sow 1006 Gestation - Section 1 - Pen 1	
Sow 1008 Gestation - Section 1 - Pen 1	
Sow 1007 Gestation - Section 1 - Pen 1	
Sow 1009 Gestation - Section 1 - Pen 1	

46

Show selection data



Filtered list.



# 5.12 Showing sow data



Tap on "Show sow data" on the Home screen.

Show sow data

3:07 🖪 📥	<b>•</b> î
$\leftarrow$ Show sow data	۹
Gestation	•
Sow 1000 Transponder no. 126055923525	
Sow 1001 Transponder no. 126055923522	
Sow 1002 Transponder no. 126055923514	
Sow 1003 Transponder no. 126055923502	
<mark>Sow 1004</mark> Transponder no. 126055923505	
Sow 1005 Transponder no. 126055923481	
<mark>Sow 1006</mark> Transponder no. 126055923494	
Sow 1008 Transponder no. 126055923488	
Sow 1007 Transponder no. 126055923483	
Sow 1009 Transponder no. 126055923484	

All sows of the selected location are listed.

• Tap on a sow from the list.

or

• Scan the sow's transponder.

3:07 🖪 📥	<b>P</b> î
← Sow 1001	
Sow no. 1001	
Transponder no. 126055923522	
Location Gestation - Section 1 - Pen 1	
State Lactating	
Day in State 0	
Parity 1	
Feed curve Sow	
Feeding day	
Fed today 0 kg	
Feed allowed 2 kg	
Feed adjustment 100 %	
Feed eaten 0	
Condition	
Original no.	
Tattoo no. -	
Group no. 36	
Move in -	
Breeder -	
Breed	
Genealogy Dam: Sire:	
◀	

All sow data saved in BFN Manager are listed.



3:08 🗷 📥	♥ 🔒
← Sow 1001	
0 kg	
Feed allowed 2 kg	
Feed adjustment 100 %	
Feed eaten 0	
Condition	
Original no.	
Tattoo no.	
Group no. 36	
Move in	
Breeder -	
Breed	
Genealogy Dam: Sire:	
< ●	



# 5.13 Entering a sow's death



Tap on "Dead sow" on the Home screen.

3:05 🗖 📥	▼ 🕯
← Dead sow	Q
Gestation	•
Sow 1000	
Transponder no. 126055923525	
Sow 1001	
Transponder no. 126055923522	
Sow 1002	
Transponder no. 126055923514	
Sow 1003	
Transponder no. 126055923502	
Sow 1004	
Transponder no. 126055923505	
Sow 1005	
Transponder no. 126055923481	
Sow 1006	
Transponder no. 126055923494	
Sow 1008	
Transponder no. 126055923488	
Sow 1007	
Transponder no. 126055923483	
Sow 1009	
Transponder no. 126055923484	_

All sows of the selected location are listed.

• Tap on a sow from the list.

or

• Scan the sow's transponder.





If necessary, the sow transponders of other dead sows can be scanned.