User guide

EweManage *Mobile*_PC

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Introduction:

EweManage *Mobile* PC was designed to capture data in barn on a Windows tablet (from 7-8 inches) or on an IOS device (IPhone or IPod). It is used to scan tags and collect data in barn similar to the Workabout Pro (PSION) using EweManage Mobile software. When installed on a Windows tablet, your tablet must have the "bluetooth" feature in order to connect a bluetooth RFID reader and must have the JAVA 32 bits software, free on the WEB. (If you download it, do it only from the java.com site)

Tags can be read directly in the application using a bluetooth RFID reader (stick reader, as long as the reader is bluetooth. If your reader does not have the "Virtual keyboard" option, you can use the « BerGère Connect » software which makes it possible to connect any reader or scale to a PC. The tags can also be entered in a "manual" way using the keyboard of your tablet.

Specificities for the application on IPhone or IPod

In the case of an IPhone or IPod, the conventional RFID readers are not compatible with software IOS of APPLE, except for the readers Allflex RS420 and LPR. There exists on the other hand a reader available of the SerialIO company which functions adequately with IOS devices.

To use the Allflex readers in environment IOS you will need the application SerialMagic Keys which is available in Applestore. The instructions of operation and installation are available on the web

To enter the tags, you must use only the 9 figures begining with 32 or 5x... Do not use the country code prefix 12400.

The scanned data by mobile_PC on your tablet can be exported in the EweManage software and the data from EweManage can be also exported in the tablet. You do not have to use software of transfer such as Synchrobergere as in the case with the PSION, but on the other hand, the data will be transferred between the tablet and your computer using a key USB or through ICloud or by mail.

Installation of the application

Installation on a Windows tablet:

Prerequisite:

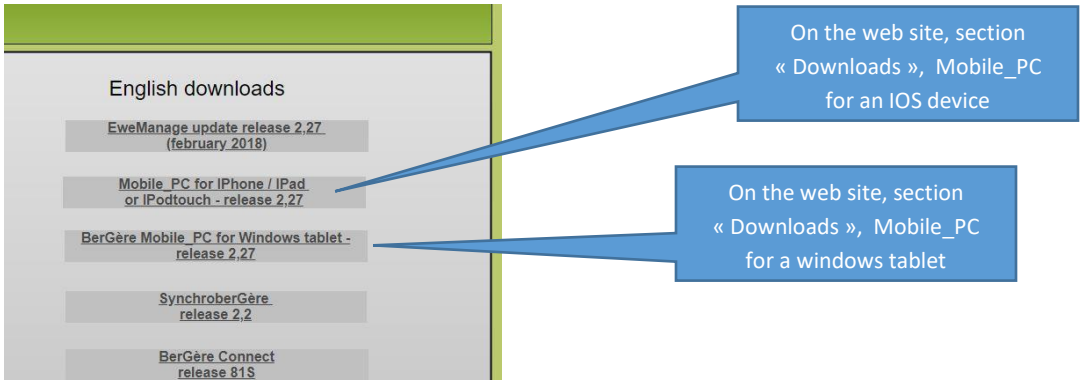
Java: Initially, you ensure that your tactile tablet is Windows 8 or 10. Then, if it is not already instaled, download the Java 32 bits application from the www.java.com WEB site. This application is free, but necessary for the correct operation of EweManage *Mobile* PC.

Tools: If your tablet is provided with a port mini USB, ensure you to have in your possession a transfer cable from mini USB to female USB to connect your key USB to the tablet.

Subscription: To activate the application, you must have a valid EweManage subscription

Installation and configuration:

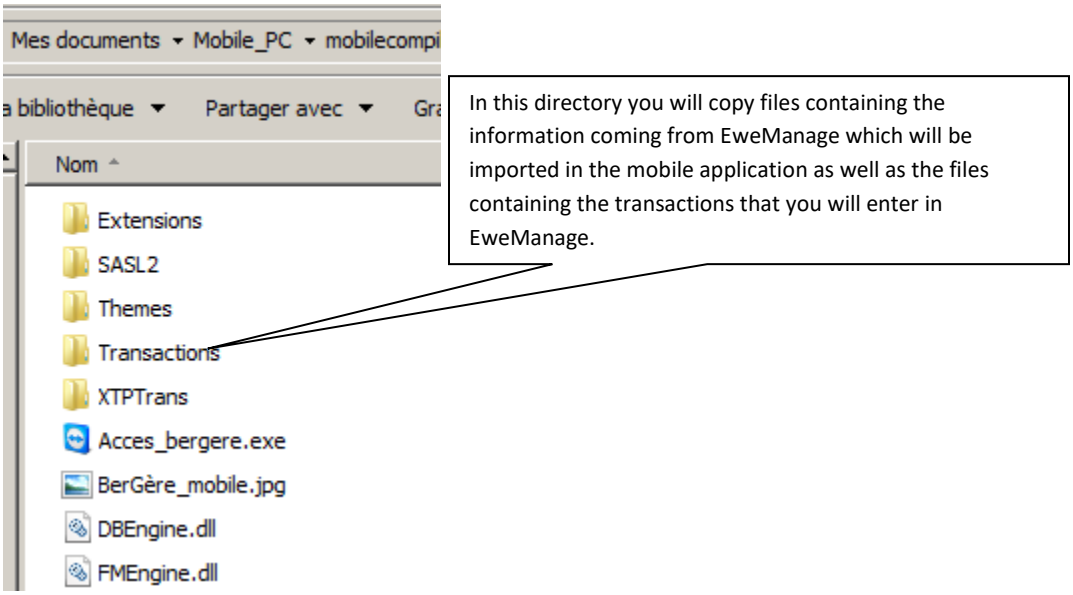
1. Copy the Mobile_PC directory from the web to your tablet desktop and decompress it (extract). OGroup the folder and make a short cut on your desk of the mobile_PC.exe application which is the application which starts the software.
2. Copy also the file "AccesBergere" to the desktop, file which will allow support on line on your tablet where necessary.
3. If you have an RFID reader, install "Bergère_connect" on your tablet. To configure your readers or scales, consult the BerGère Connect documentation.
4. We suggest you carefully read the remaining of this guide before using the application. You will find there several tips which will facilitate your navigation in the software.



To finalize installation of the Mobile_PC application on a Windows device, consult the initial installation procedure available on the ewemanage web site :

http://ewemanage.com/Documentation_ang/Install%20Mobile_PC%20on%20Windows.pdf

In the "Mobile_PC" directory, you will find various directory, more specifically a directory (folder) named "Transactions".



This directory wil contain the data coming from EweManage which will be imported in EweManage Mobile PC as well as the files containing the transactions that you will make with Mobile_PC Export into EweManage. The installation instruction will assist you into configuring EweManage for the selection of your folder.

Installation on IOS devices

For an installation on an IPhone or IPod, you must initially install the application "FilemakerGo" which you will find free on the Appstore.

When FilemakerGo is installed, consult the installation procedure available on the ewemanage.com web at :

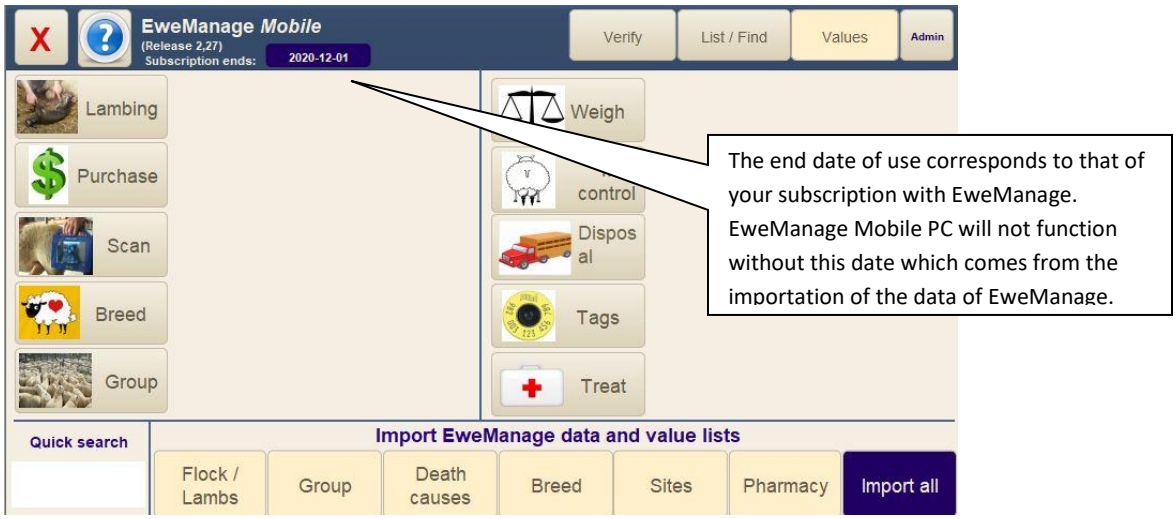
http://ewemanage.com/Documentation_ang/Mobile_PC%20on%20IPhone.pdf

To download the data from EweManage to you mobile application, you will need an ICloud account. Thus it is a question of oGrouping a ICloud account drive (free for first 5 GB) and of transferring the files wanted on ICloud, starting from your PC (www.ICloud.com).

When you launch your FilemakerGo application you will be able to very easily recover the files by clicking on the icon of the local files (button "Device" at the bottom of the screen) and click on the icon allowing to download ICloud files located in the upper left corner of the screen.

Software activation

Once the software installed, you must activate it. So that the software functions, it is mandatory to ttransfer the data from EweManage to the Mobile_PC application. Indeed, the software EweManage *Mobile* PC functions in congruence with your annual EweManage subscription, and when the data of EweManage is transferred in EweManage mobile, the subscription date is also transferred with the data, allowing its use:

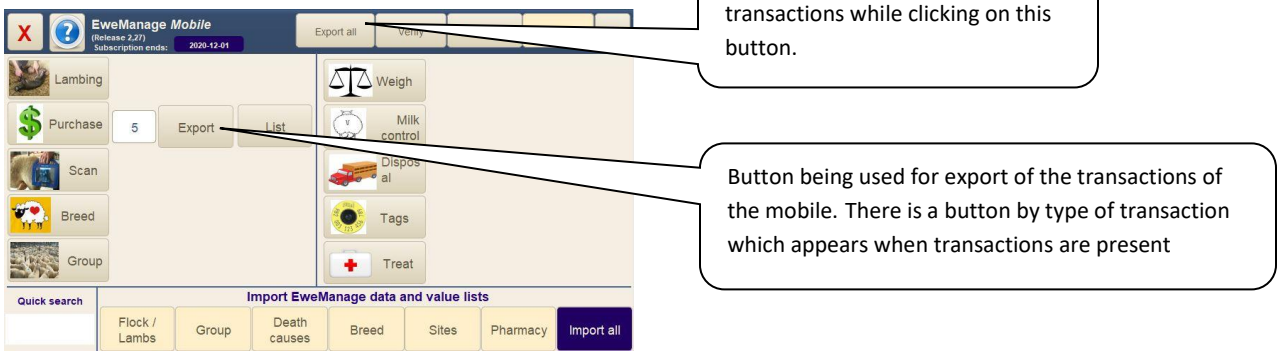


To activate the software, you must thus copy the data of EweManage in your mobile application. The installation documents refferred above provides the full process allowing the data transfer to your mobile application.

What a transaction?

A transaction is any action or reading saved using the tablet by the mobile application. It can be a weighing, the lambing of a new lamb, a purchase etc... Each new reading corresponds to a transaction. Thus, so in a weighing session, should you weigh 35 lambs, this constitutes 35 weighing transactions. If you lamf 5 ewes which have each one 2 lambs, you have 10 lambing transactions.

When you record new transactions, the buttons "Export" and "list" appear with the screen with an indication amongst new transactions which must be exported towards EweManage. For example, in the following screen, one sees that 5 transactions of purchase (5 new purchases):



The button "list" allows list these new transactions, therefore to see them, and also to cancel them if there were error, while the button "Export" makes it possible to create the file of transaction including these last which you will be able to import thereafter in the software EweManage. Each series of exported transaction is contained in a file of the name corresponding to the type of transaction. Thus, the transactions of lambings will be contained in the file "Lambings.csv" the transactions of weighings, in the file "weights.csv", those of pregnancy scans in "scans.csv" ….

For the application on Windows tablet:

All files of transactions, when you press the button "Export", are placed in the directory "Transactions" of the mobile PC folder mentioned above. Once exported, the number of transaction disapears as well as the export and list buttons.

To transfer the files from your mobile to the PC based EweManage application, use a USB key and copy the files in the transaction folder to a folder you will create on your key. Once copied, you may erase all files in the transaction folder

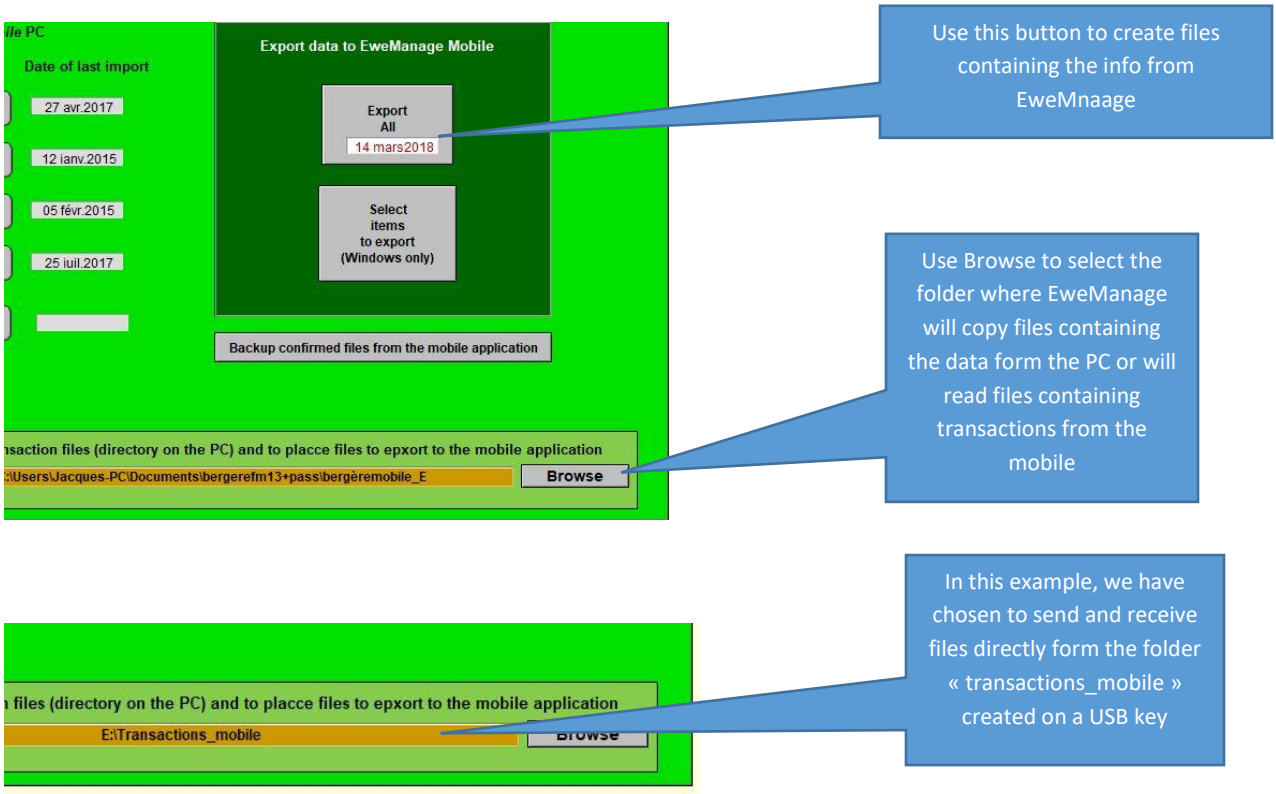
Specificities for the application on IPhone or IPod

When the application is installed on a IPhone device or IPod, the export buttons will create a file, which will be joined to an Email for sending to the address of your choice. You will then copy those files to the selected folder in EweManage in order to further confirm the transactions in EweManage.

Transfer of the data between the mobile and the PC

To transfer the transactions from the mobile towards EweManage, you need to follow 3 steps :

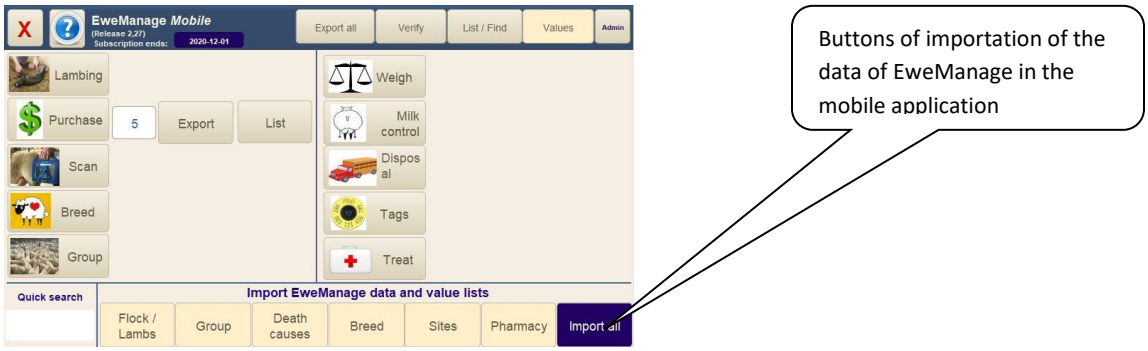
Note : you may have opted to use a folder on a USB key as your folder selected in EweManage to copy information to/from EweManage. Otherwise, you may have selected a folder in EweManage (such as BerGèremobile_R) to create the files from EweManage or receive files from the mobile. In this last case, you have to still use a USB key to transfer the files between the PC and the mobile.



For this instruction, let's assume we use the folder « Transactions_mobile » on a USB key

Transfer of EweManage towards the mobile (Windows application)

a. Insert key USB containing the directory for the data transfer (Transactions_mobile) in the port of your computer
b. **Step 1 : create the data files** : In the Mobile_PC screen of EweMobile, click on « Export all » and select the windows mode when asked
c. This will create the transactions files on your key containing the data from EweMnage.
d. Eject the key of the computer and place it in the slot of your tablet
e. **Step 2 : copy files in the mobile** : Copy the files in the Transaction_mobile folder to the « Transactions » folde of your mobile application
f. **Step 3 – import data into the mobile application** : Launch the mobile PC application and click on « import All » or on the appropriate buttons if you have exported only sections of EweManage to the key



Transfer mobile transactions to EweManage (Windows application)

g. **Setp 1 : create the transcation files** : When you click on an "Export" button of mobile PC, you create a file corresponding to the type of transaction in the sub-directory "Transactions" of the directory mobile_PC of the tablet.
Important NOTE: If a file of the same name already exists in the file Transactions, you will have an error message telling you to remove (or to transfer - if you did not do it) the file which exists in the file Transactions.

This is with to avoiding overwriting of a transactions file of which you would have forgotten to transfer towards EweManage.

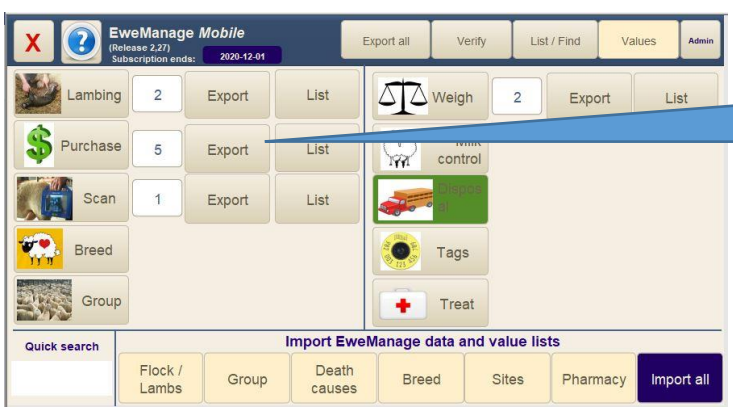
h. **Step 2 : transfer files to the PC** : It is now necessary to transfer this file in the computer on which EweManage functions.
    i. You must then insert key USB in the reader of the tablet,
    ii. Then **move** (or copy/paste) files from the directory "Transactions" of "Mobile_PC" the directory "Transactions_mobile" of the USB key.
i. Eject the USB key from the tablet and insert it in computer running EweManage.
j. Finally, on EweManage, click on the button "Readers/scales", then " Mobile PC EweManage ", you will have access to the function for reading and importing the data of your files on key USB towards EweManage. The files to be imported are identified by the green color of the buttons corresponding to the types of transactions imported from the mobile. This zone is in the pale section green of the screen (next illustration)
k. Choose the transactions to be imported and in the adapted screen, "confirm" the transactions to record them in EweManage. At that stage, you can bring the corrective measures which you wish, if necessary, to the imported data.
l. When you have finished importing all the transactions, we suggest to export again the data from EweManage to the mobile. This ensures the update of the data on your mobile in accordance with EweManage

Transfer mobile transactions to EweManage (IOS)

In the following section of this guide you will learn how to make « transactions » with your mobile in barn. Once transactions are recorded, the « export » button will appear beside the corresponding transcation type on the main screen of the mobile application.

When you click on « Export »

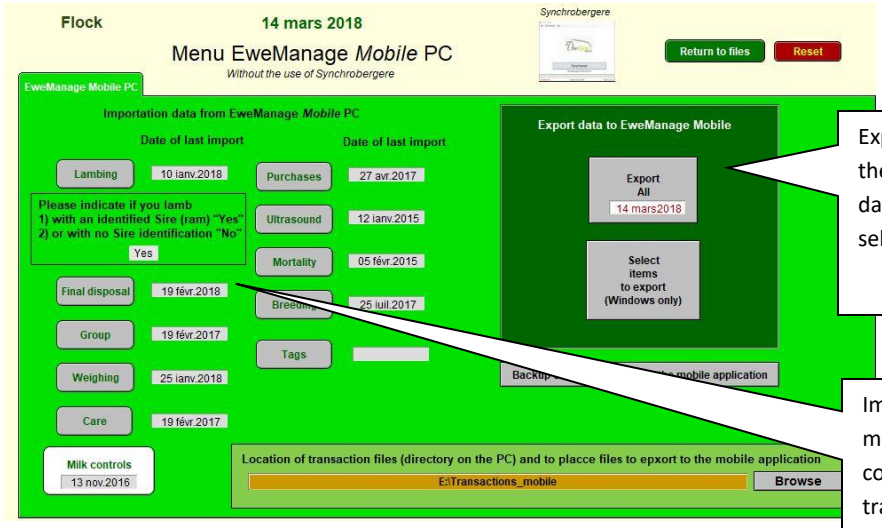
1. In Windows environment : creates the corresponding file to be further copied on a USB key and pasted into the selected directory of EweManage
2. In IOS environment : also creates the corresponding file, but opens your mail and attaches the file to your mail. You hae to sen dit in order to receive your mail in your PC where EweManage is located and copy it into the selected directory of EweManage



« Export » buttons indicate that trasactions are awaiting to be exported.

a. On your PC, launch your application allowing to read your Emails and copy the files attached to the folder identified earlier.
b. Follows the same instructions as in steps j. / k. and l. above

Mobile PC screen in EweManage



Export zone of the data of EweManage towards the mobile application. The files containing the data and value lists will be placed in the folder selected by the browse button underneath)

Import zone of the transactions from the mobile into EweManage. There is 1 button corresponding to each type of transaction. If a transaction file is present, the button turns green

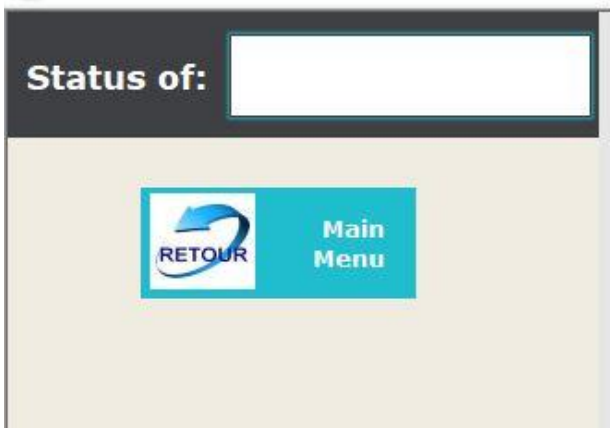
Operation of the mobile application

Note: The shown screens are those applicable to the Windows tablets (or an IPad). The same screens and functions are available on portable devices IOS, but in a format adapted to the dimension of the screen

Upon oGrouping of the application, you are introduced to the main menu. Each button is a "Tactile" button and corresponds to an in barn transaction.

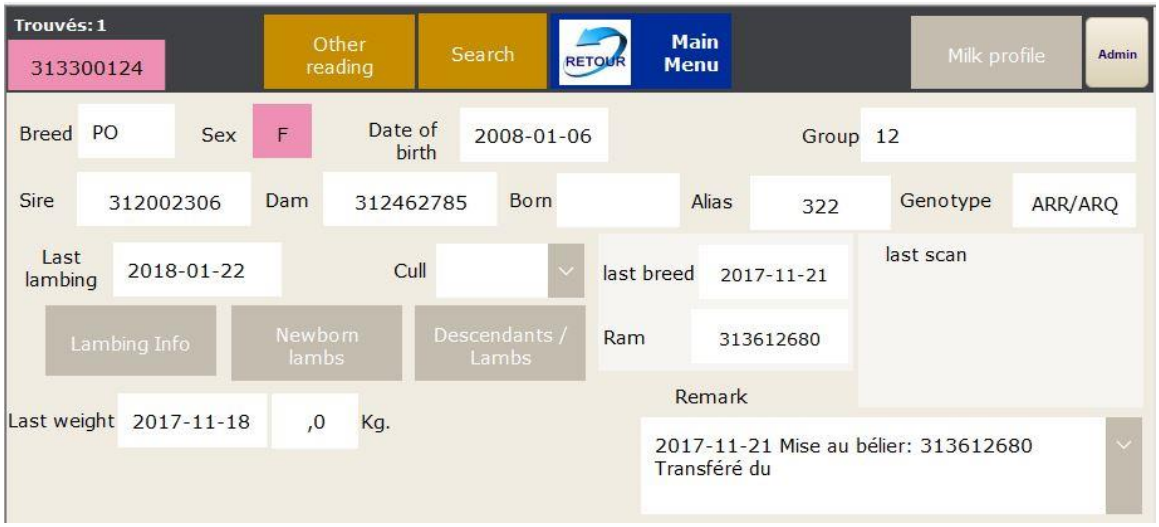
Button Verify

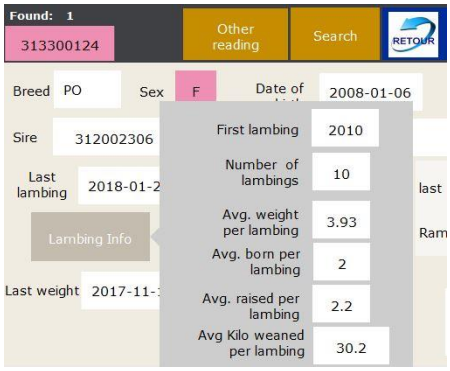
This button allows verify the data on an animal:



Scan the number in the box of the heading and you obtain the screen allowing of verify thel data on the animal. The buttons "Lambing info", "Lambs new born" and "Descendants" provide additional information and if the animal has a GenOvis status, a

corresponding button appears on top. You can also make other readings or research (with the search character * as in EweManage) in this screen



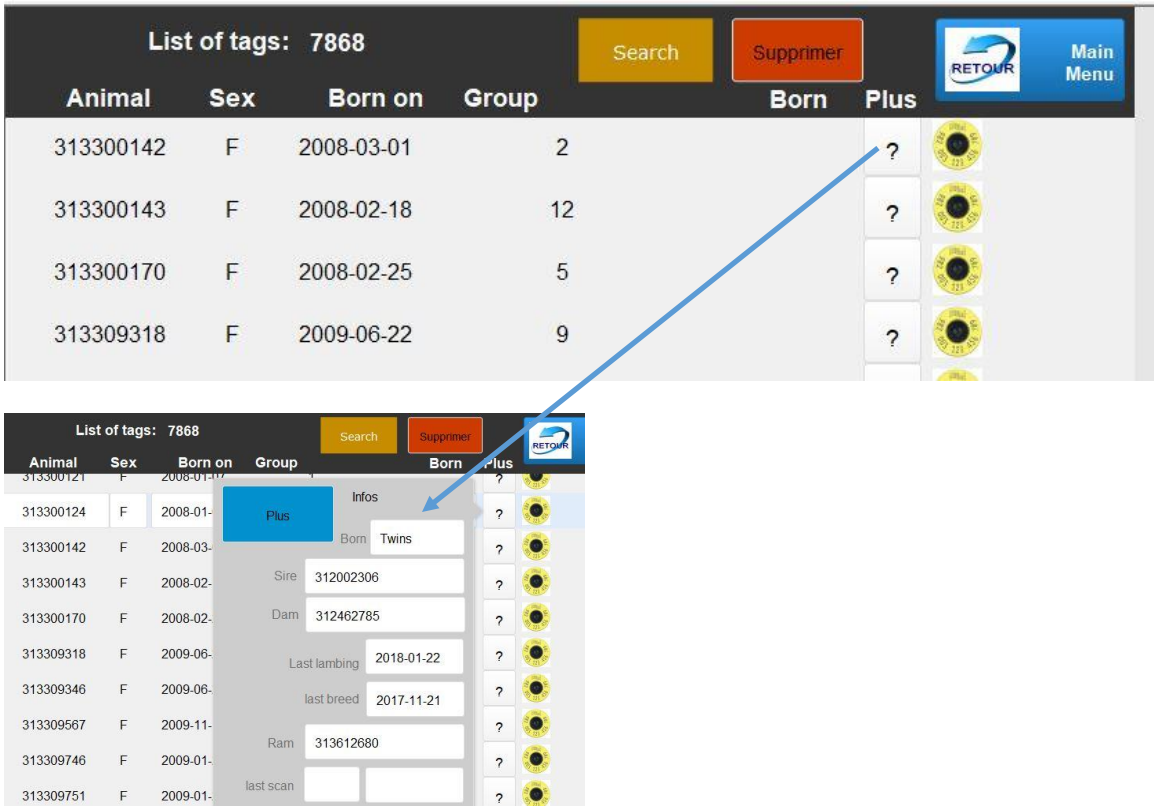


Example of the lambing info

List / Find Button

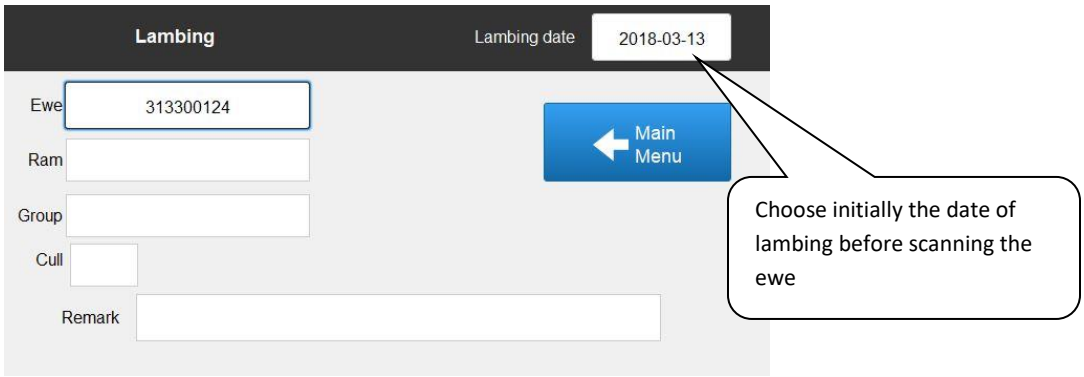
This button gives access to the list of all the tags of the database and to search capabilities. Under the « List » screen, which you can sort records in the order you wish by clicking on one of the items of the heading. The « ? » button provides additional information on the selected animal, while the button "More details" brings back for you to the screen "verify" (described above) of the animal in question.

You can also make research starting from this screen

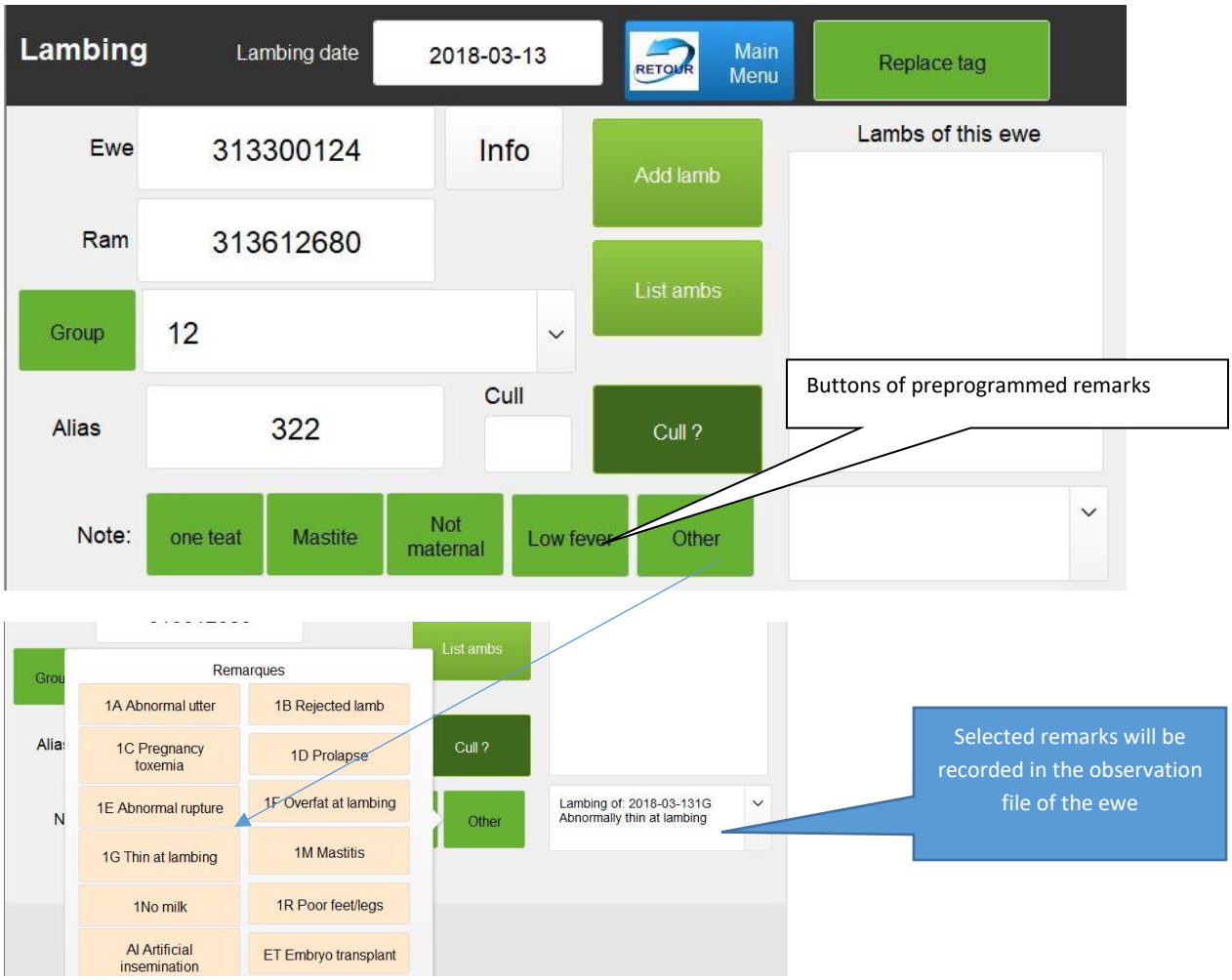


Lambing Button

This button makes it possible to record new lambings. Click on the button and you obtain the window allowing to scan the ewe. If a breeding took place, the number of the ram (or the group) will appear in the window.



Select the lambing date (which is by defect 2 days less than the current date), scan the ewe and you are presented with the following screen:



If you do not have breeding of not recorded, but that you know the ram, you can enter or scan it. All the buttons present in the screens, making it possible to make choices (for example Group) are running the choices available in your value lists. Therefore, to choose for example another group, you can always click on the arrow on the right of the box and select the required choice, or simply click on the button "group" until you have the desired choice. This allows a fast action and without error for the people with large fingers.

Buttons of preprogrammed remarks:

These buttons make it possible to register with the file of the ewe of the programmed pre remarks without you not having to type the text yourself. On the other hand, if you use the field of remarks to register other observations, note that this field is in "auto--completion", i.e. the input of the first characters will be followed by the pre sequence

indicated in the drop-down list of observations which you will have imported of EweManage.

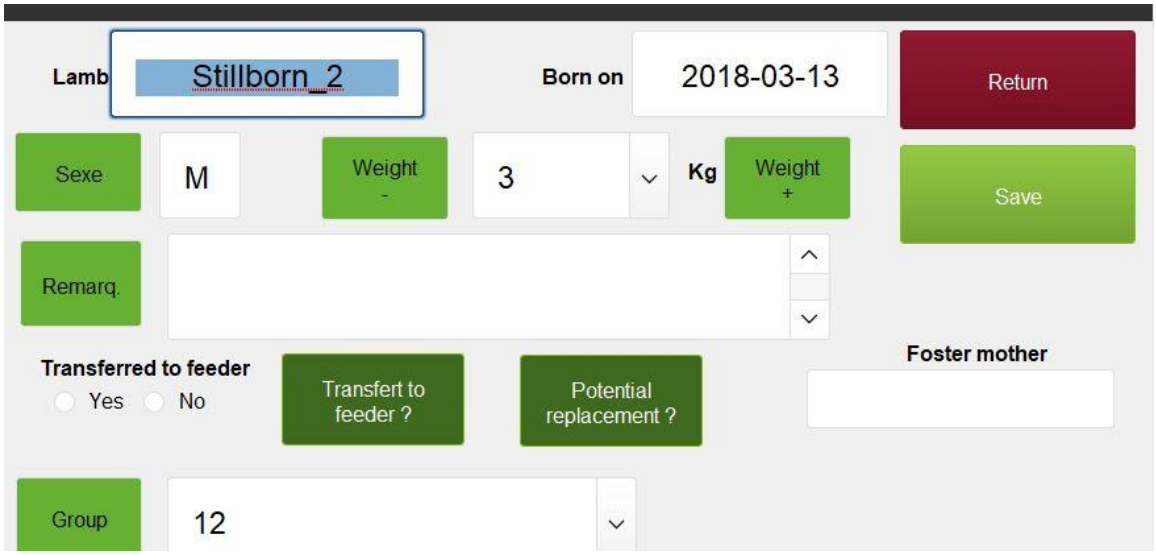
Note : the code number in front of remarks correspond to the GenOvis codes.

Tag replacement during lambing

You will also note in top on the right a button "Replace tag". This button is present in the screens where an animal is confined and where it is easier to change or to replace a lost tag (Lambings, pregnancy scans and weighings). If you replace a tag, click on the button, then scan the new tag, That creates a tag transaction automatically.

Important note: **If you replace tag during a lambing, made replacement BEFORE proceeding to the additions of lambs.**

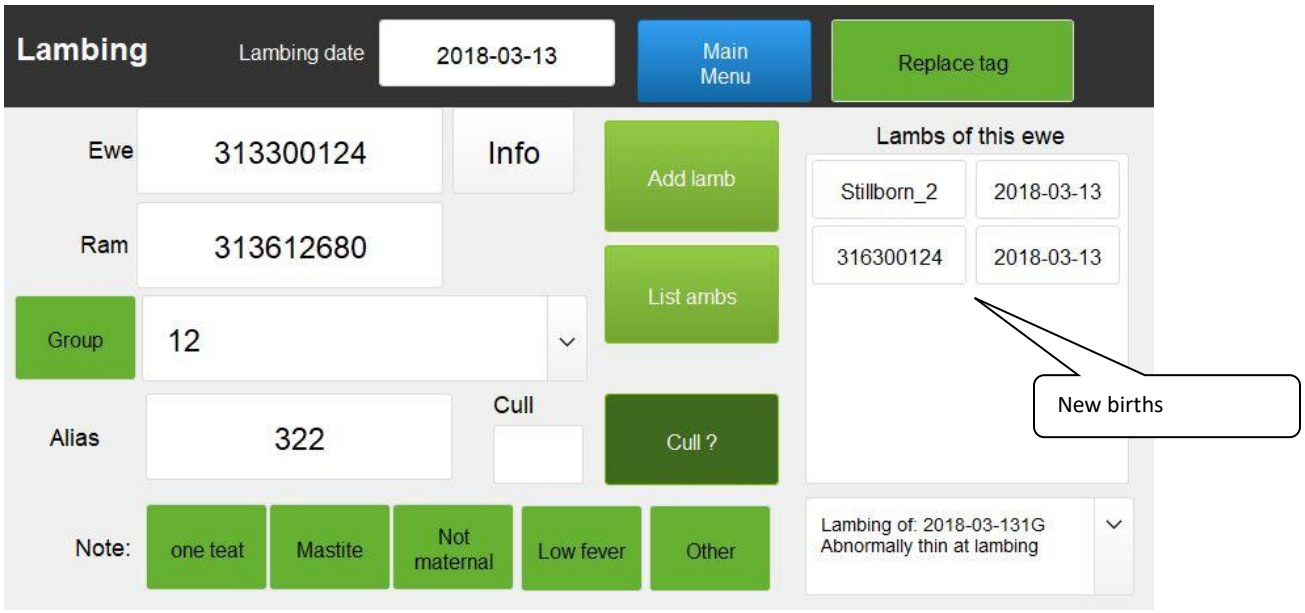
To create births, click the button "Add lamb"



A choice of still-born lamb is always presented to you. If it is the case, click on the button save to record otherwise scan the lamb, then supplement the necessary data and click save. By default, the sex is "M" and the weight 3 kg. Change the data according to the necessary ones. If the lamb is a potential for replacement and that you wish that it is noted in EweManage, click the button "Potential replacement". The indication of the lamb is then registered in green (as in EweManage). If you make it adopt, simply scanner No of the foster mother in the suitable field. If you transfer it to the lamb milk feeder, click the button "Transfer with the lamb milk feeder" (or click again if you change idea!).

With each recorded lamb, the meter of lambing is incremented and a transaction is created.

When you press "Return", you are ready to scan a new ewe. So on the other hand you wish verify your lambings, scan again the same ewe and the information of the new lambs is displayed:



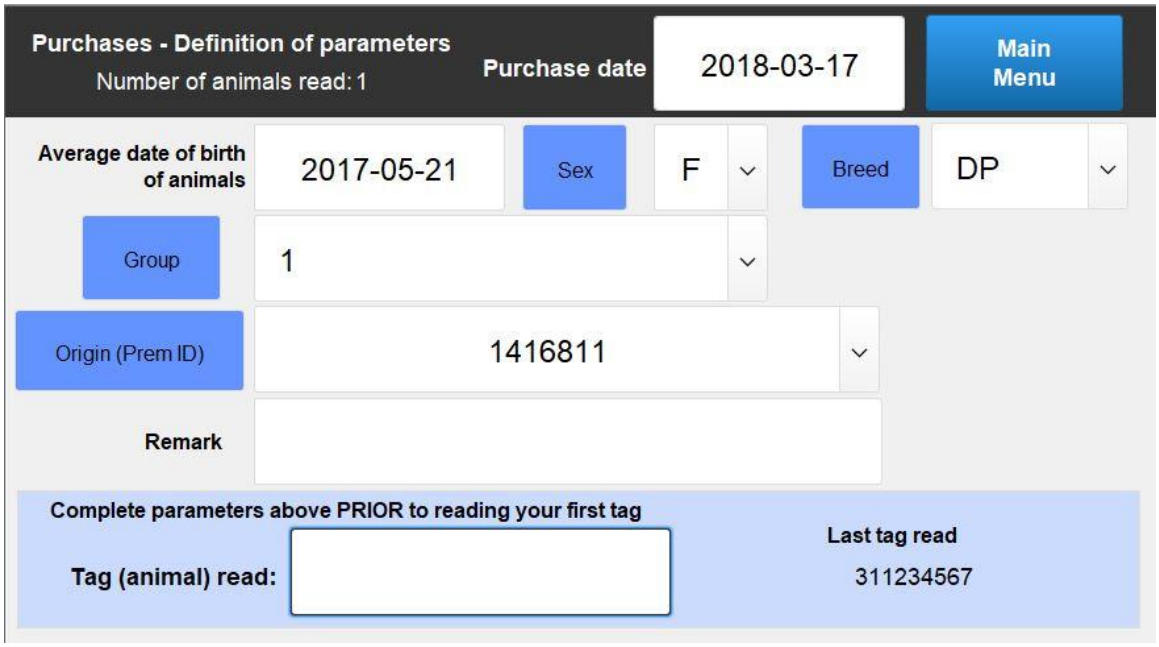
Note that all the buttons of the screens are "toggle", i.e. while clicking successively on a button, the corresponding field indicates the choices available one following the other, without it not being necessary to retype or go to select the choice wished in the list.

This was conceived in this way in order to facilitate the selection of the choices available because in barn, it is not easy to go to click on the arrow of selection and to make the suitable selection in the menu.

Once lambings are completed, when you return to the main menu' both the « List » and « Export » buttons will appear.

Button Purchases

Complete the required info on the purchase screen, then scan the animal. The only change that you will see is the increase in animals read at the top of the screen.

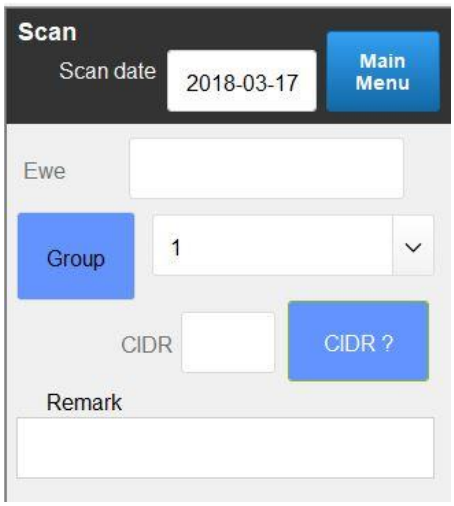


The buttons of "Breed", "Group", "Site of source" and "sex" are allowing a fast choice of the options by a simple clic. It is also possible to make your selections while clicking on the arrow with the right-hand side of the field of inscription and to choose the desired value. Alternatively, in all the fields, the values are car completed when you enter the first characters of a selection.

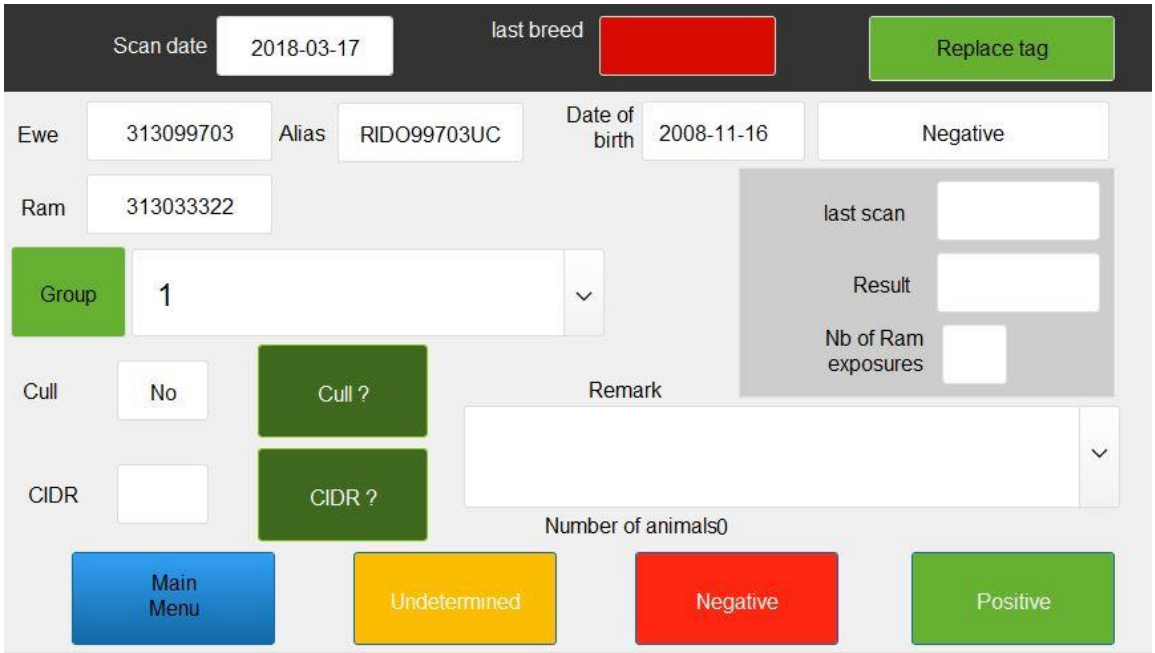
if you read the same tag more once, no duplicate is created. This is valid for the readings for all types of transactions.

Pregnancy scans Button

Scan the ewe in the suitable field of the screen:



Then, click on the button corresponding to the status of the scan. You will be brought to the screen to read the next animal.

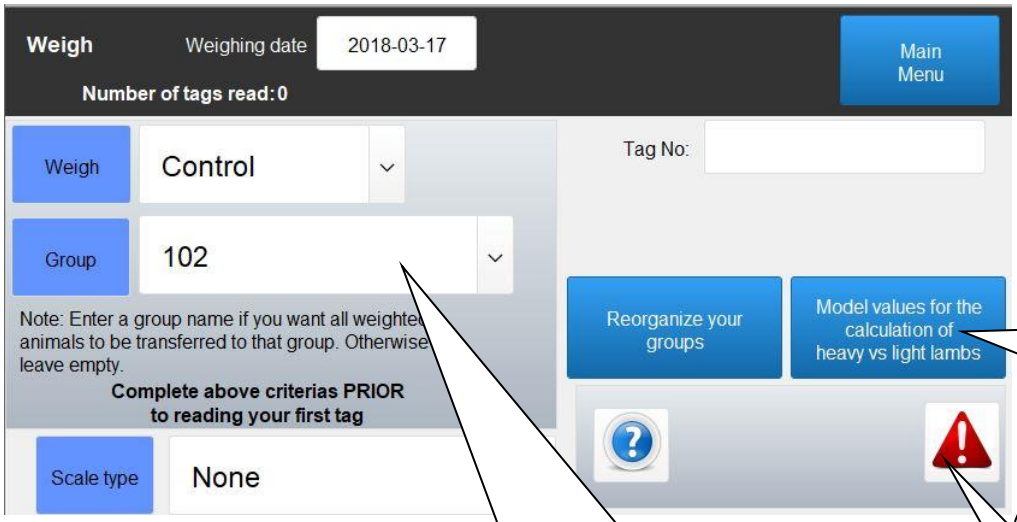


Breeding and groups Button

These buttons function like that of the purchases. Enter the data for your groups first, then scan the animals.

Weight Button

Initially, define the parameters of your weighings: weighing at weaning (50 days), 100 days or control.



Data of the model for the calculation of heavy the vs light

This field is used to place all the animals weighed in a new so desired group. Leave empty if you do not wish to change the original group whereare the animals

This button is used only with one validation as data without inscription of weight.

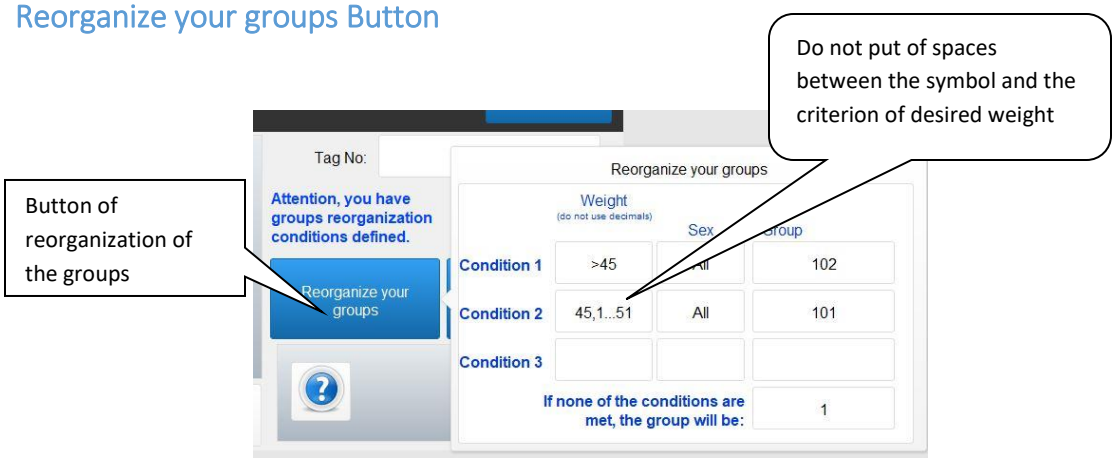
Note : Windows only - If you have a scale Gallagher or TruTest and that you wish an automatic reading of the weights, select the type of scale (others are to be come). For the manual inputs, select "Off-line". Note that to use the scale, you must connect the output of the latter on the tablet by a cable USB connected to port USB of your tablet. The BergereConnecsoftware t is also necessary for the direct reading of the data of the scale on the tablet.

The instruction manual of Connect EweManage, available on the logicielbergere.com site explains in detail the way of connecting the various types of scales on a PC.

DEVICES IOS: the direct connection of the electronic scales is not possible on IOS devices.

Note: You can make several sessions of weighing on dates and of different type in as much as these weighings are on different animals. **If you redo a weighing on an animal and that the preceding weighing was not exported in EweManage, you will lose information of this weighing** which will be replaced by those of the weighing in progress.

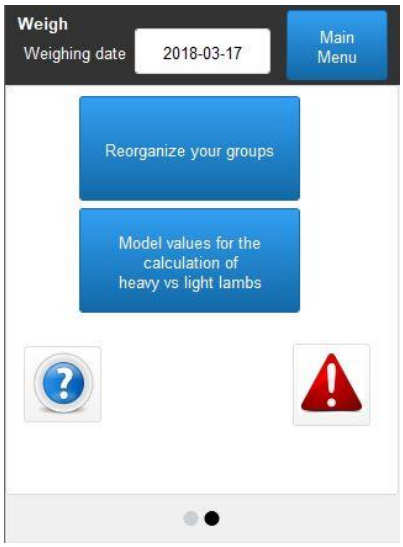
Reorganize your groups Button



When you make your weighings, it is possible that on the exit side of the scale, you wish to reconfigure your groups according to the sex and/or the categories of weight. The button of groups reorganization is used for this end. While clicking on this button, a Groups window open, making it possible to define your criteria and the name of the group for each selected criterion. While clicking on the field of weight you will have the various symbols available (... means interval of weight ex: between 41,5 and 51 kg under the condition 3).

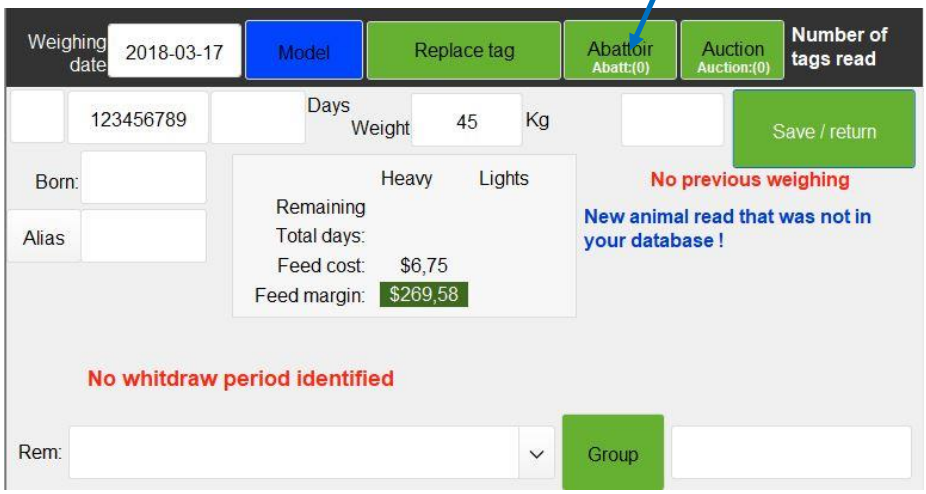
Please note what follows:

- This function functions only for the lambs. Nonapplicable for the animals of flock!
- In the selection of sex, "All" means males and females
- If you registered a group in the window (field) "Group" with the screen of the preceding page, this one has precedence of any configuration registered in the table of reorganization of groups
- The first condition met established the choice. Thus for example so in condition 1 you choose the females over 42 kg, and in second to classify in a Group the animals between 45 and 50 kg, a female of weight 42Kg will go in the Group of selection 1, even if it meets conditions 2, since choice 1 was met. It is thus important to position its choices well.
- IOS DEVICES (IPhone): the button of reconfiguration of the groups is on the second table of the page of weighings:

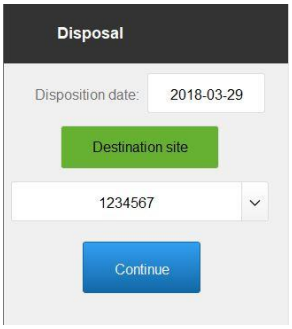


Slaughter-house and Auction - selection in the course of weighing

During the weighings, you can assign animals at the slaughter-house or the auction using the buttons appropriate to the top of the screen of weighing:



During your first selection, the application will ask for the date of disposal to you (which inevitably differs from the date of weighing) as well as the site (premises ID) of slaughter or auction.

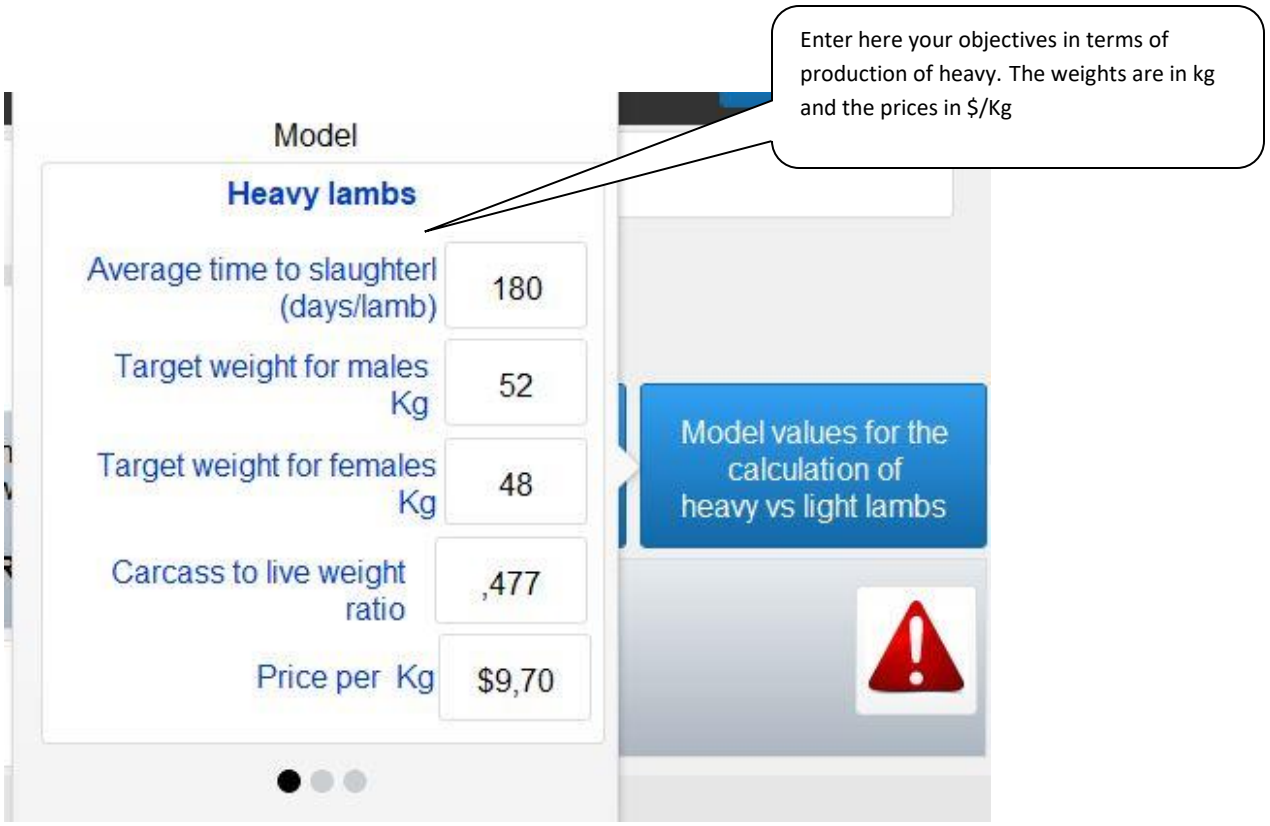


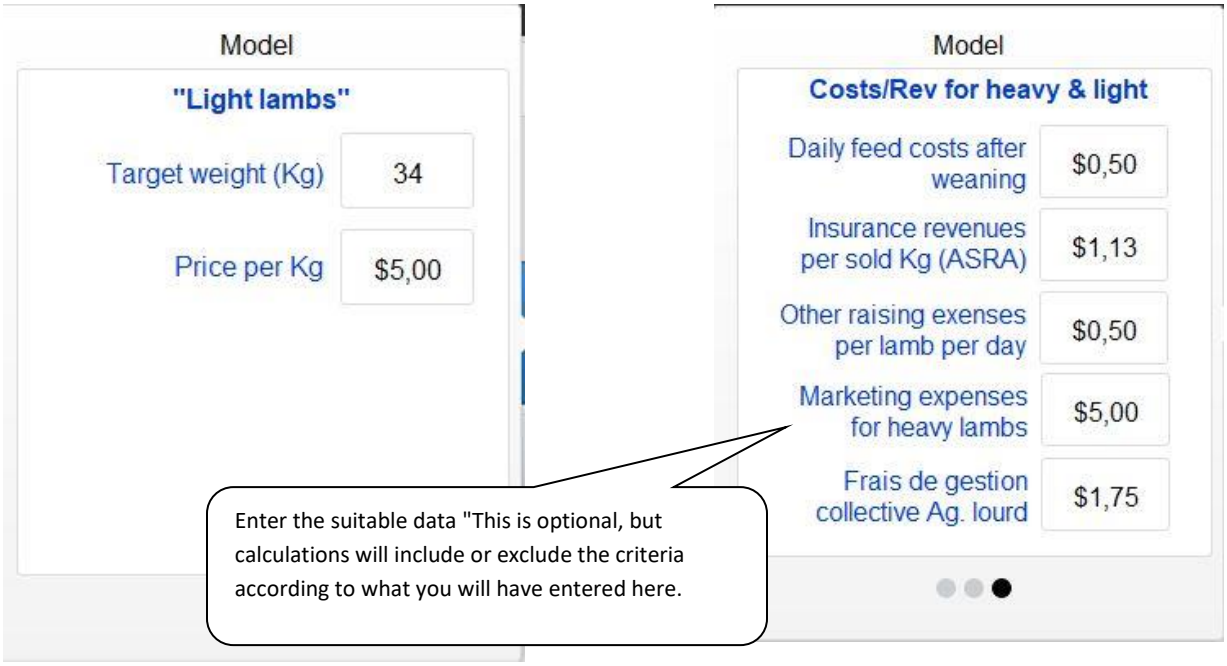
When a disposal is selected for an animal, the button associated with the disposal disapears from the top of the screen for this animal, indicating that your choice is made, and a transaction of disposal is created at the same time as a transaction of weighing.

Heavy model vs Light

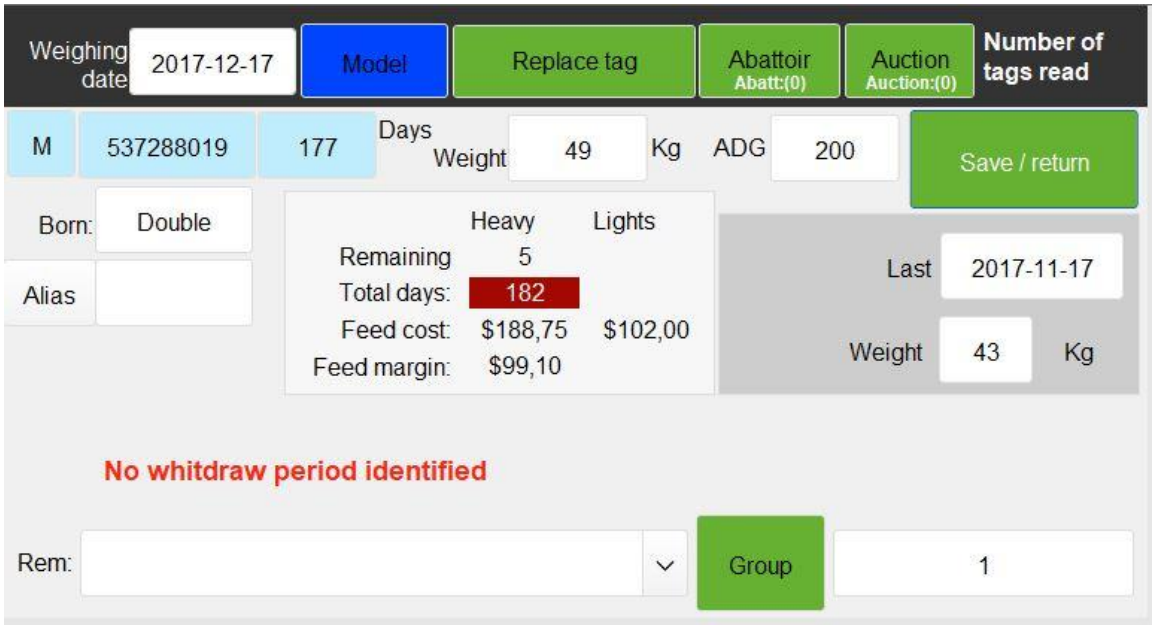
EweManage Mobile PC allows you to evaluate the food margins of the weighed lamb if you wish to finish it into heavy or to send it into light. Information all of calculation is available in the tables of EweManage (frm profile) if you supplement the tables of costs of food. Calculations of time to slaufhter that you take for heavy or light are also all available in the productivity reports of (or the ESA) of EweManage.

If you take the trouble to supplement the data of tables (three) of the mobile application, using the information collected in EweManage, with each weighing, you will have comparative and a performance evaluation of growth of the lamb compared to your standards and your production costs. The three tables are available by clicking on the button "values of the model..."


Enter here your objectives in terms of production of heavy. The weights are in kg and the prices in $/Kg
Model
Heavy lambs
Average time to slaughterl (days/lamb)
180
Target weight for males Kg
52
Target weight for females Kg
48
Carcass to live weight ratio
,477
Price per Kg
$9,70
Model values for the calculation of heavy vs light lambs


Model
"Light lambs"
Target weight (Kg)
34
Price per Kg
$5,00
Model
Costs/Rev for heavy & light
Daily feed costs after weaning
$0,50
Insurance revenues per sold Kg (ASRA)
$1,13
Other raising exenses per lamb per day
$0,50
Marketing expenses for heavy lambs
$5,00
Frais de gestion collective Ag. lourd
$1,75
Enter the suitable data "This is optional, but calculations will include or exclude the criteria according to what you will have entered here.

Scan the animal and enter its weight (in kg). If a decimal is required, always use the comma, as in EweManage (but contrary to PSION).



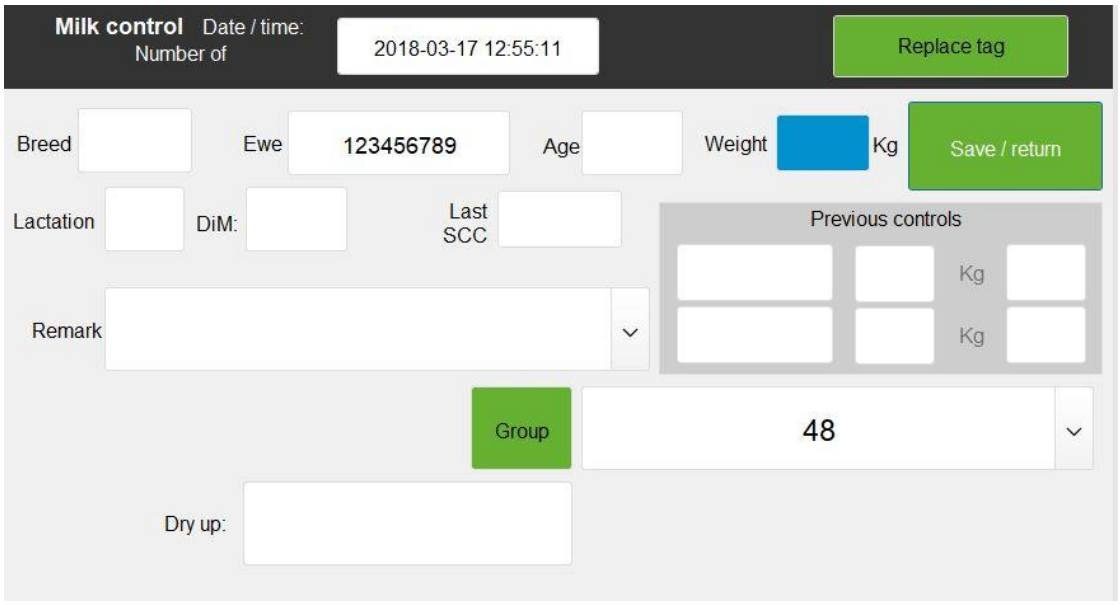
The above example shows a 177 day old lamb weighing 43kg at Nov 17th. In the light table of comparison heavy vs ligght, one notes that this last should go into heavy in 182 days. The figure is in red because it misses our objective of 180 days. According to the data inputs in the model, the margin brought by this lamb would be of $99,10 if one fattens it into heavy, and he has passed the light lamb objective weight (why o data for the margin). These indications are only reference marks and do not have to be selected to direct your production: other factors are to be considered, especially in the long run!

If a drug had been managed and that the date of withdrawal had not fallen, an indication for this purpose apparaitrait in the place where "No withdrawal period identified".

Milk Controls Button

Dairy controls can be made from an NID/ATQ tag or an alias which could for example be another tag on a back leg, this to adapt the data collection according to the milking facilities.

Once the tag read, enter the weight controls. The screen gives the results of the last two controls, of the last count of somatic cells. It also makes it possible to enter a date of dry out if the animal is dried up with control carried out.

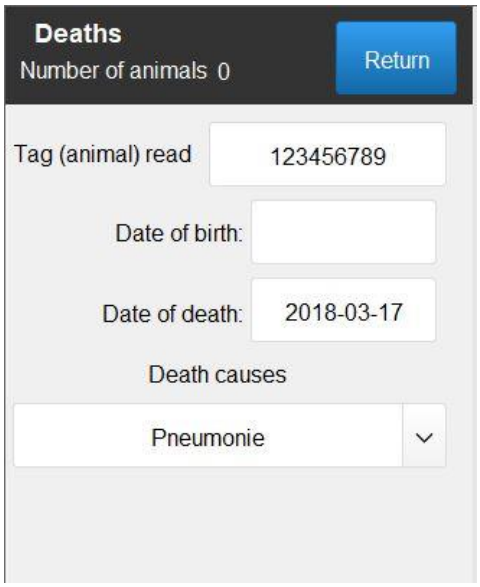


Disposals Button

This button makes it possible to make the disposals (sales or slaughters) or to register mortalities of animals.

Mortalities:

Initially, scan the tag. The screen of selection of cause of mortality is presented to you. You must mandatorily choose a cause of mortality so that the latter valid and is recorded.

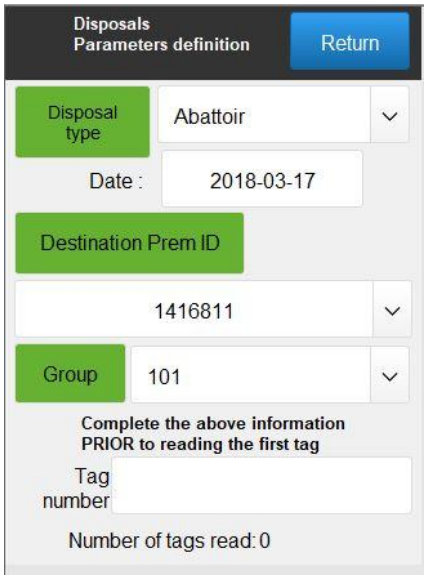


Note : cause of death comes from your EweManage value list. If you ned to change, you must change it in EweMangage and reimport the death causes in your mobile application

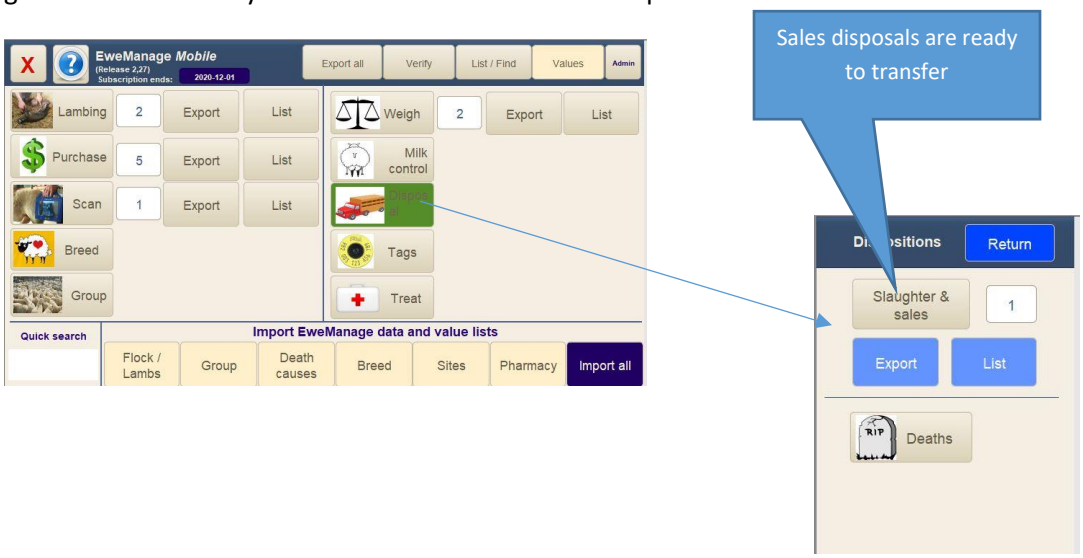
Note: in all the screens offering of the multiple choices, you can is to click on the arrow and to make your selection, or to enter the first letters. The selection is in automatic mode of completion. For example, if you enter "M", the word mammite is displayed....

Slaughters and sales

As for the screens of purchases, scans and breeding, enter initially basic information: type of sale (Agency, Customer, reproducer...) , site of destination, the date of disposal then scan the tags. You will not see any change with the screen, other that the meter of animals read.



Note also that i disposal transactions are available, the disposal icon on the main screen will turn green. This reminds you taht transactions are to be exported :



The « list » button allows to list or to cancel disposals if required :

To connect a RFID reader

Windows tablet

To connect a reader to your tablet, according to the type of reader, you will need the Bergere Connect software. Internet site www.logicielbergere.com will provide you further details on the procedures of connection of the readers in bluetooth mode. You can consult documentation while clicking on the following link:

http://logicielbergere.com/Documentation/Bergere_connect.pdf

IPad /IPhone or Ipod Touch

Which readers are compatible

Readers RS420 and LPR are the only readers compatible with the APPLE devices. The latter have basic the compatible protocol Bluetooth Apple (MFI). The following link will lead you to the installation instructions for a reader on IPhone, IPod touch or IPad :

http://ewemanage.com/Documentation/Allflex%20sur%20IPhone_Ipad.pdf