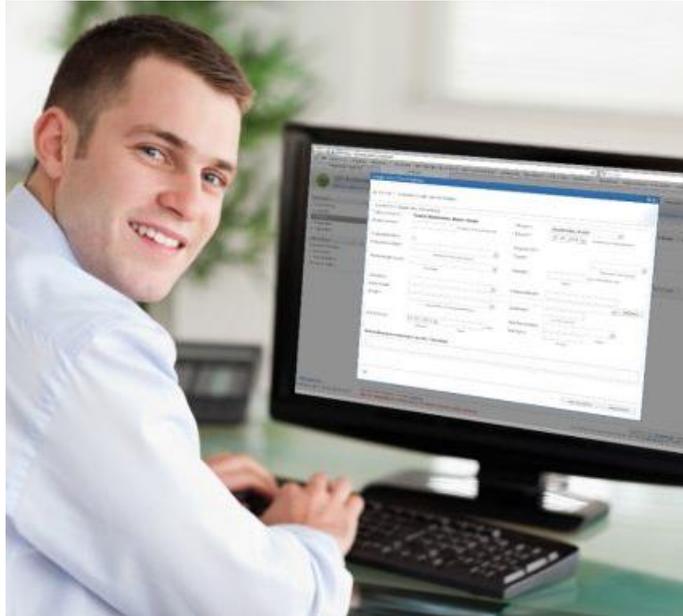




Qualitätssicherung. Vom Landwirt bis zur Ladentheke.

Supporting document  
**Antibiotics database**  
**Functional overview for**  
**livestock owners**





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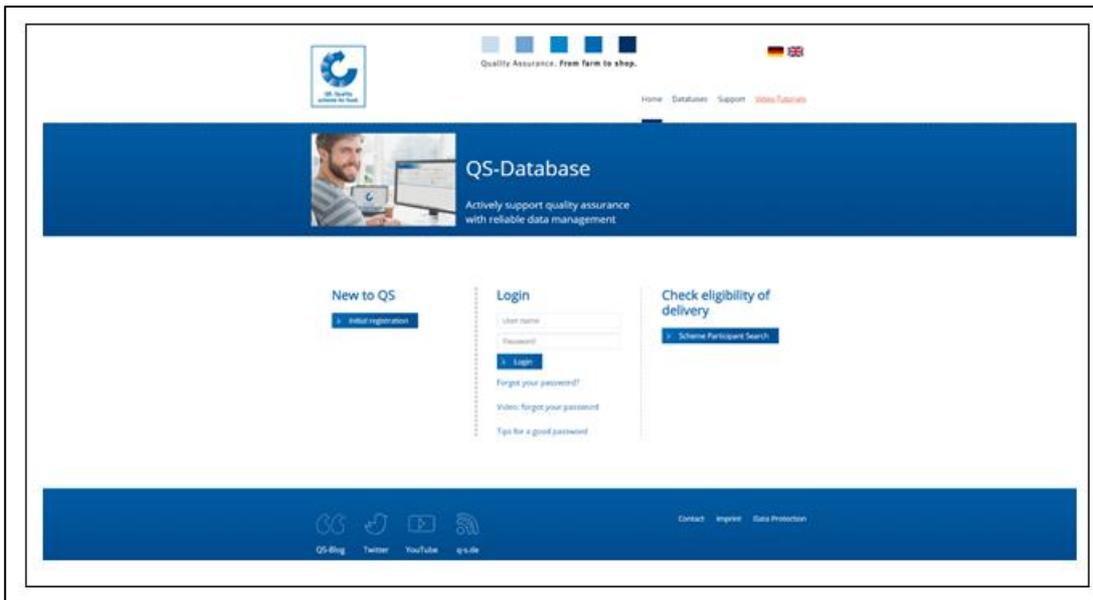


## 1 First steps

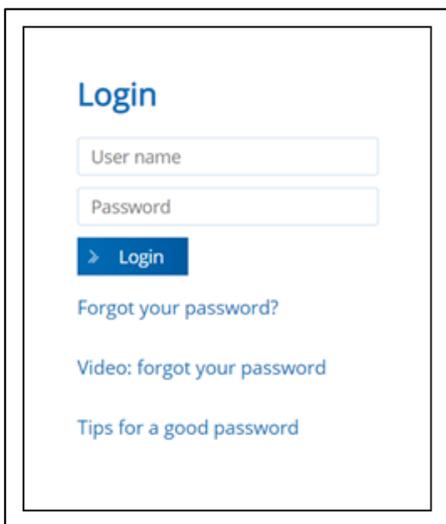
This supporting document provides information about the antibiotics database. It is supposed to help livestock owners to use the database.

### 1.1 Logging in to the antibiotics database

- You can login to the QS database via the link <https://www.q-s.de/softwareplattform/>.

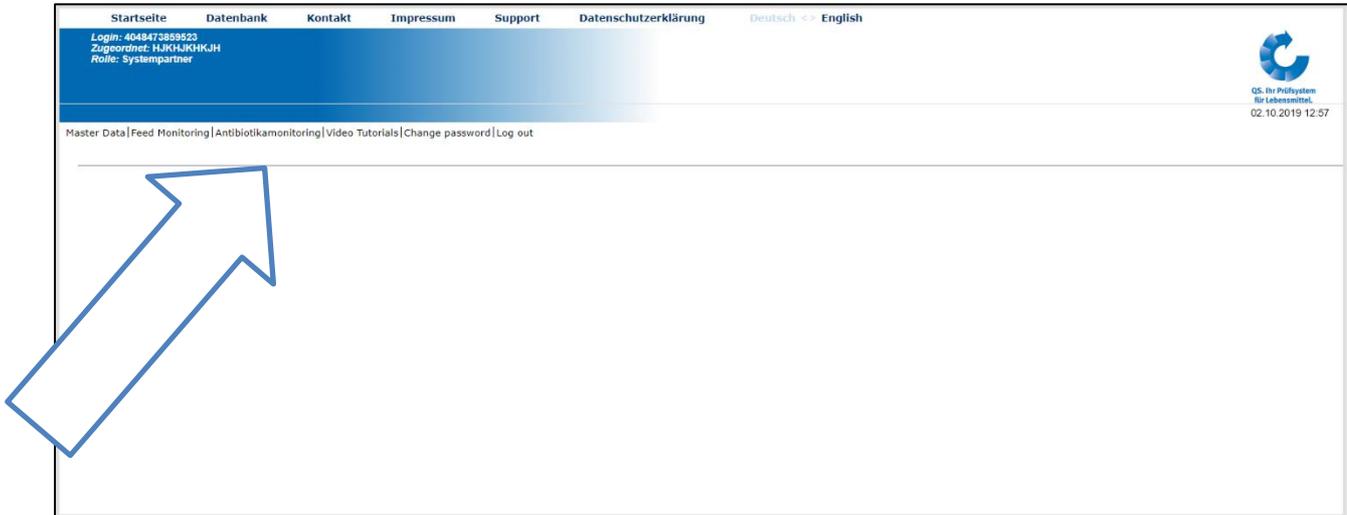


- At the first login to the QS database you need an initial password with 16 digits, the so called "Logintoken". This will be provided to you by your coordinator. After your first login you will be asked to assign your own password.
- For further logins please use your username (QS-ID) and the password you have chosen.

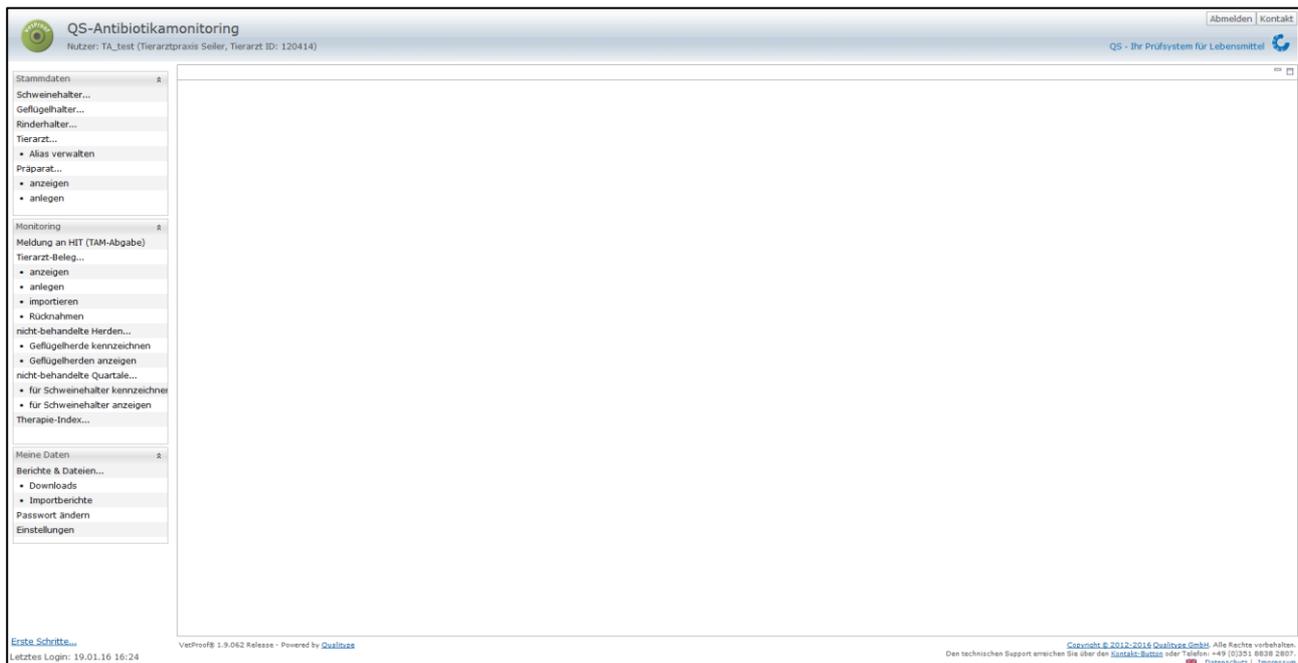


## 1.2 Home screen

- You will see this screen directly after logging in:



- Click on "Antibiotikamonitoring" to get to the antibiotics database. The following window will open:



- Attention!** If you are not forwarded directly to the antibiotics database or requested to re-enter your access data, please check your browser settings.

- Make sure that cookies are enabled and clear your browser cache.
- In the antibiotics database, you can access the desired function via the menu on the left side within the corresponding category (Master data, Monitoring and My profile).



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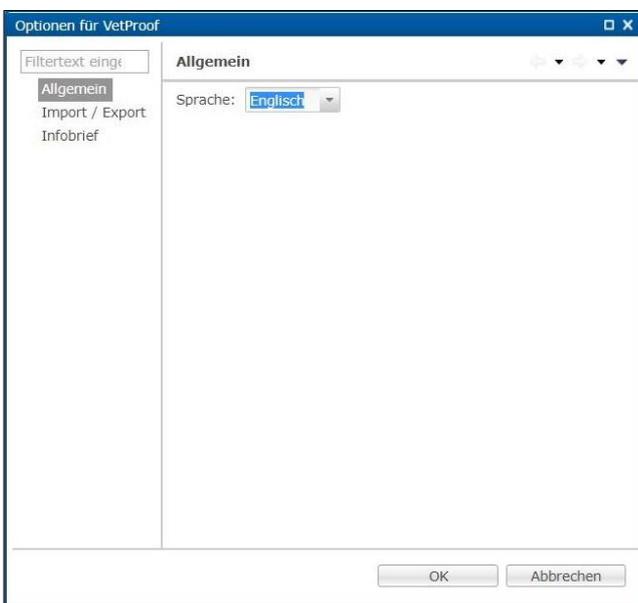


### 1.3 Change language

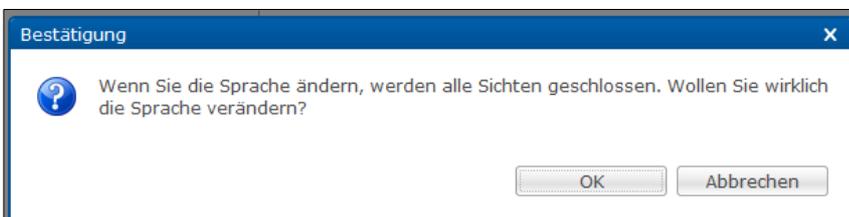
- The menu item "Einstellungen" (Settings) within the category "Meine Daten" (My profile) offers the possibility to define preferred configurations.



- Change the language ("Sprache") to "Englisch" and confirm your entry with  .



- Otherwise, you can click on  in the lower right corner of the window.
- In both cases, you will be informed that changing the language will close all open views. Please confirm this with  .





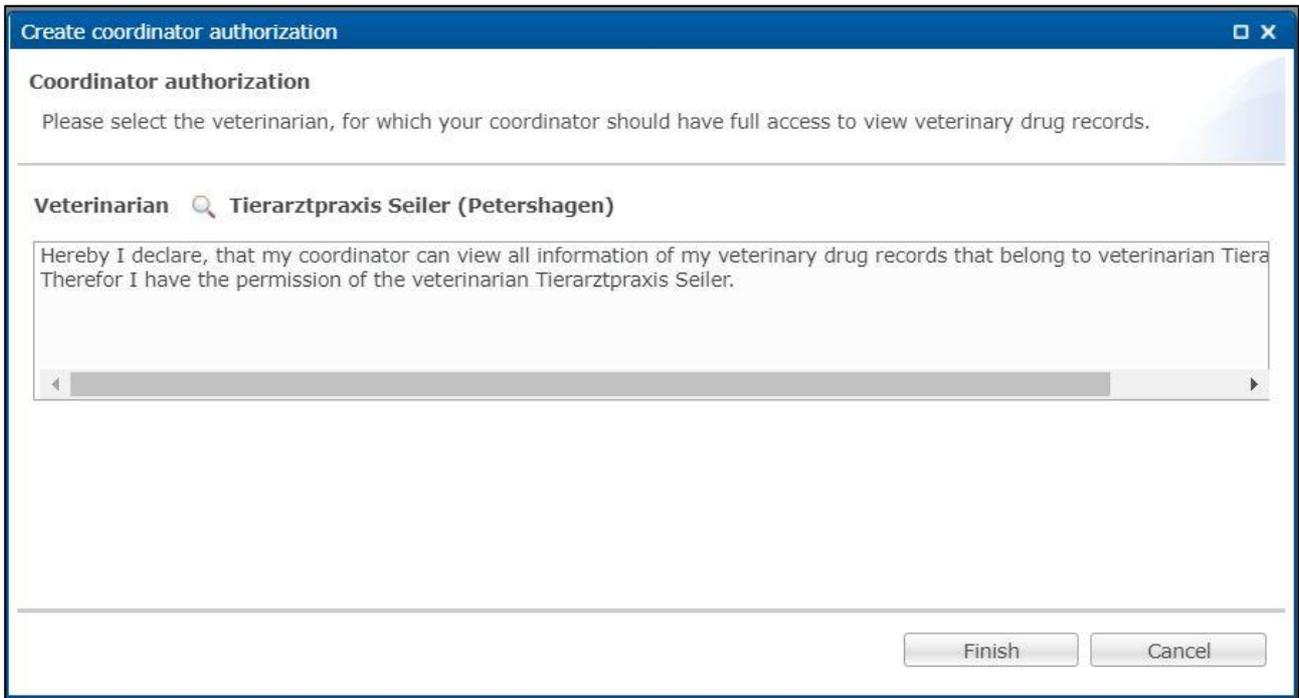
## 2 Master data

### 2.1 Authorize coordinator

- The function "Authorize coordinator" gives you the possibility to unlock all details of your veterinary drug records for your coordinator. Otherwise, your coordinator will only see the delivery date, the identity of the treated animal group, the number of animals treated and if the antibiotics are critical.
- To create an authorization, click  **New...** in the upper right corner of the screen.
- The company filter opens (here using the example of a pig farming company):

VP ID	Display name	VVO number	Production scope	QS number
158869	Test Schwein	276 12 4 57 846 2514	Pig fattening, Gi	2761245784625

- Select the desired livestock owner directly from the list of hits by double-clicking or search for him entering the VVO number or the name, click on  **Show** and then select the livestock owner by double-clicking.
  - If a company has several VVO numbers, they can all be created under one QS ID if they all belong to the same legal representative. It is therefore necessary to select the correct company or VVO number for all functions.
- In the following window you have to select the veterinary practice for which you want to authorize the coordinator. Again, select the desired practice directly from the list of hits by double-clicking it or search for it by entering its name. Then click on  **Finish**.



- The authorization has been created:

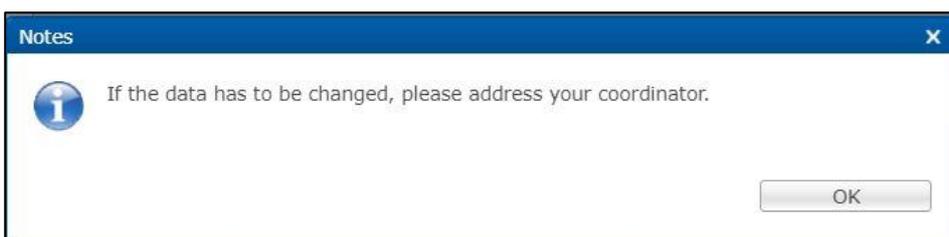


Authorized since	Veterinarian	Coordinator	Cancelled since
Nov 29, 2019 3:13:58 PM	Tierarztpraxis Seiler	TEST Blunkler QS	
Oct 29, 2019 3:16:20 PM	Tierarztpraxis Seiler	TEST Blunkler QS	Oct 29, 2019 2:01:53 PM

- If you want to withdraw an authorization, select the authorization (highlighted in blue) and choose  Cancellation . Confirm the operation with  . You can see the successful implementation in the right column "Cancelled since".

## 2.2 Show farmer

- Click on "Show pig farmer", "Show cattle farmer" or "Show poultry farmer" in the menu. The company filter opens.
- Select the livestock owner directly from the list of hits by double-clicking or search for him entering the VVVO number or the name, click on  and then select the livestock owner by double-clicking.
- You receive an overview of the details and QS contract data stored for the selected company (e.g. production sites, coordinators, veterinarians) as well as the following information:





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- The following functions are available:

#### Hit authorization...

Shows the deposited reporting authorizations for the transfer of antibiotic data to the federal HIT veterinary drug database (HIT-TAM).

- **Attention!** The HIT-TAM database is the federal antibiotics database in Germany. A report to the HIT-TAM database is therefore only possible and obligatory for German companies.

#### Herds

Forwards you to the production sites and deposited herds of the selected company.

#### Download...

You will receive a table of the production sites stored for the selected company. Further details can be found in *chapter 2.3 Production sites*.

#### New...

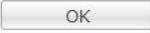
Create a confirmation of periods without antibiotic treatment for your cattle or pig farming company. The confirmation of periods without antibiotic treatment is described separately in *chapter 3.3 Confirmation of herds/periods without antibiotic treatment*.

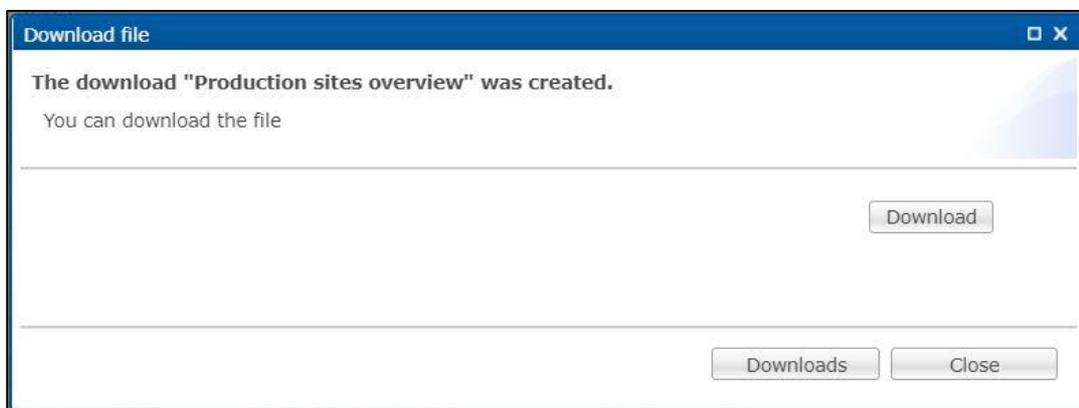
#### *Further editing options (poultry)*

#### Create loss...

Register losses for herds. Further details can be found in *chapter 2.8 Livestock (poultry)*.

## 2.3 Production sites

- Click on "Production sites" to display these. The company filter opens.
- Select the livestock owner directly from the list of hits by double-clicking or search for him entering the VVVO number or the name, click on  and then select the livestock owner by double-clicking.
- Via  Download... you can download an overview of the production sites stored for the company. You can use "Restriction" to display current, archived or all production sites. You can also select Excel or csv as the file format. Confirm your selection with  .
- The file is created. Choose  in the following window to display or save the file.

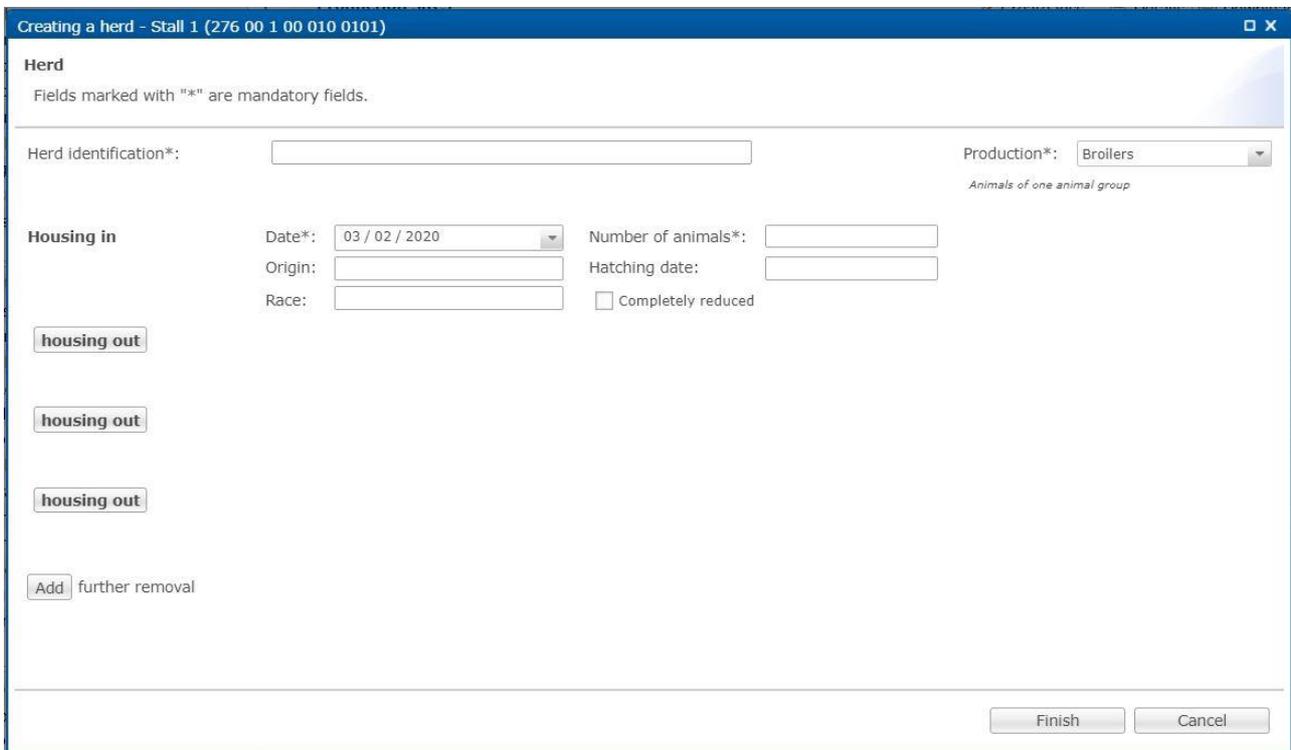


### 2.3.1 Maintenance of herd data

- The registration of production sites and the maintenance of herd data is obligatory for poultry farming companies but can optionally be used by pig and cattle farming companies as well.
  - **Attention!** As a poultry farmer, please clarify with your coordinator and/or your marketers/conglomerations who is responsible for updating the herd data. The input of herd data is necessary for the maintenance of the eligibility of delivery in the QS scheme.

#### Creating a new herd

- To create a new herd, select the production site (highlighted in blue) where you want to store herd data by clicking on it.
- Select the function  in the selected production site. The following window opens for poultry farmers:



- Complete the required data (the fields marked with \* are mandatory). By clicking on , you can also enter exit data.
- Terminate your entry with  .

#### Editing a herd, for example storing of exit data

- If you want to edit a herd that has already been created, e.g. store further exit data, select the herd concerned by clicking on it (highlighted in blue) and then choose function  . The window shown above opens.
- You can edit the number of animals housed in as well as add exit data by clicking on  .
- Function  enables you to enter losses on a daily basis.
- Confirm your entries with  .



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### Further editing options in the "Production site" window

- Select the production site (highlighted in blue) and the herd you want to work with by clicking on it.

- Delete Delete a herd.
- Download... Download a herd.
- Create loss... Register losses for herds (only for poultry). Further details can be found in *chapter 2.8 Livestock (poultry)*.
- Rehousing Move the herd to another stable.
- Not-therapied Register confirmation of herds without antibiotic treatment (only for poultry). Further details can be found in *chapter 3.3 Confirmation of herds/periods without antibiotic treatment*.

## 2.4 Export of production (cattle, pig) or export production sites and export herds (cattle, poultry)

### Export of production (cattle, pig)

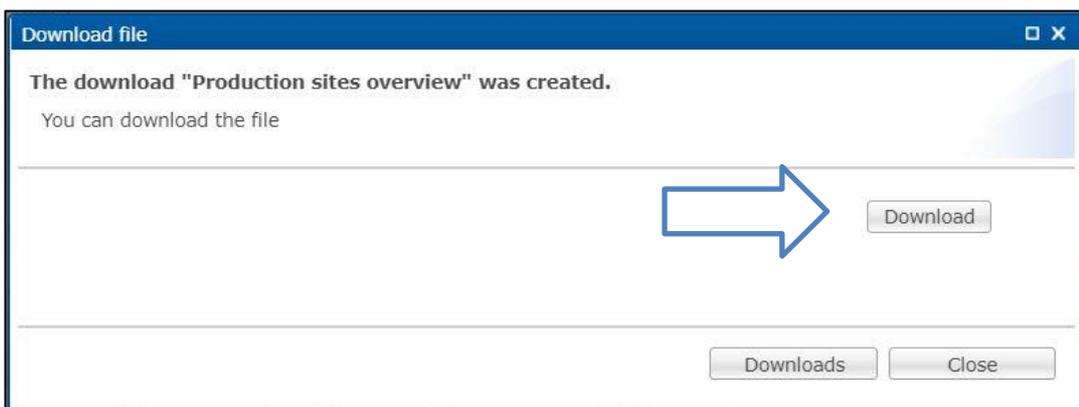
- If you would like to export the number of animal places of a company, you will first be asked to select the file format. A file in Excel format and a file in csv format are available. In the csv format you have further setting options. Confirm your entries with  .
- The generated table shows you the animal places of your company by single animal production type for the current quarter and the three previous quarters.

VetProof ID	Animal owner	VVVO Number	Single animal production type	Occupancy of quarter	IV/2019	III/2019	II/2019	I/2019
158869	Test Schwein	276124578462514	2001	Fattening places	1500	1500	1500	1500
158869	Test Schwein	276124578462514	2002	Young sow / boar places	50	50	50	50
158869	Test Schwein	276124578462514	2004	Sow places	100	100	100	100
158869	Test Schwein	276124578462514	2008	Piglet rearing places	2000	2000	2000	2000
160910	Schweinestandort	276123451111111	2001	Fattening places	500	500	500	500
166883	dfdf	276000000000000	2001	Fattening places				
179650	Kalb und Schwein	276000000000010	2008	Piglet rearing places	743	892	892	745

### Export production sites and export herds (cattle, poultry)

#### Export production sites

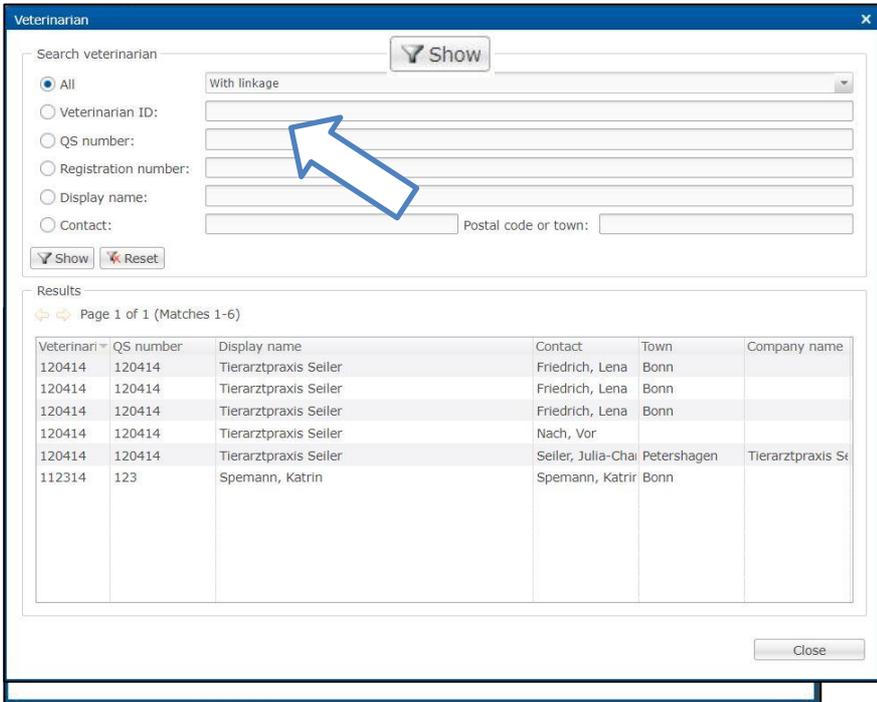
- Via „Export production site“ you can download an overview of your deposited production sites. You can use "Restriction" to display current, archived or all production sites. You can also select Excel or csv as the file format. Confirm your selection  with .
- The file is created. Choose  in the following window to display or save the file.



- You can likewise proceed with the function "Export herds". Here you have the possibility to filter your herd data with regard to a certain period of time.

## 2.6 Show veterinarian

- The function „Show veterinarian“ opens the following filter:



Veterinarian	QS number	Display name	Contact	Town	Company name
120414	120414	Tierarztpraxis Seiler	Friedrich, Lena	Bonn	
120414	120414	Tierarztpraxis Seiler	Friedrich, Lena	Bonn	
120414	120414	Tierarztpraxis Seiler	Friedrich, Lena	Bonn	
120414	120414	Tierarztpraxis Seiler	Nach, Vor		
120414	120414	Tierarztpraxis Seiler	Seiler, Julia-Chai	Petershagen	Tierarztpraxis St
112314	123	Spemann, Katrin	Spemann, Katrin	Bonn	

- Choose between the veterinarians activated for you or all veterinarians registered in the QS system. Confirm your search with .

## 2.7 Critical antibiotics

- Click on "Drug – Critical antibiotics" to display a list of drugs with critical active agents.
- Use the arrow  to navigate through the pages.

## 2.8 Livestock (poultry)

### Show

- The menu item "Show livestock" gives you an overview of which animal movements were sent to the federal HIT-TAM database and whether these could be successfully created in HIT or which HIT comment is available. The transfer of livestock data takes place to the reporting dates 14 January and 14 July. You can display a complete overview or filter by livestock owner (company number, BNR15), type of use, entrances/exits or HIT remarks.
  - Attention!** The HIT-TAM database is the federal antibiotics database in Germany. A report to the HIT-TAM database is therefore only possible and obligatory for German companies.

### Loss

#### Show

- To display the losses for a livestock owner, select the owner using the magnifying glass  . The company filter opens.



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- Select the livestock owner directly from the list of hits by double-clicking or search for him entering the VVVO number or the name, click on  and then select the livestock owner by double-clicking.
- The livestock owner is now deposited behind the magnifying glass. You have the possibility to limit production sites or the date. Then select .

#### Register

- If you want to enter losses, select the button .
- The company filter opens. After selecting the company, the following window appears:

Production site	Herd	Date of entry	Loss animal count	Rest animal count	
Stall 1	ABC	Aug 27, 2019	135	365	<input type="button" value="Create loss"/>
Stall 1	DEF	Aug 5, 2019		200	<input type="button" value="Create loss"/>
Stall 1	456	Apr 1, 2019		15	<input type="button" value="Create loss"/>

- The window displays all herds of the company. Via "Herds since stabling date" you can change the period. You can also only list herds with a remaining number of animals > 0. Then click on . By clicking on of the desired herd, the following window appears:

Create loss - Stall 1 (276 00 1 00 010 0101)

Please fill in date and animal count.

Herd id:	ABC	Date	Loss animal cour
Date of entry:	Aug 27, 2019	Oct 20, 2019	4  
Herd size:	5,000	Oct 22, 2019	50  
Animals for slaughtering:	4,500	Oct 24, 2019	1  
Rehousing number of animals:		Oct 25, 2019	32  
Loss animal count:	135	Oct 26, 2019	33  
Rest animal count:	365	Oct 31, 2019	9  
<input type="button" value="Refresh"/>		Nov 7, 2019	5  
		Nov 9, 2019	1  
		11 / 28 / 2019	<input type="text"/>
		11 / 28 / 2019	<input type="text"/>
		11 / 28 / 2019	<input type="text"/>
		11 / 28 / 2019	<input type="text"/>
		11 / 28 / 2019	<input type="text"/>

- You now have an overview of the animal numbers of the herd and can enter or edit losses. Then click on  .

#### Further editing options

- Further functions after selecting an existing loss (highlighted in blue) are available:



Edit...

Edit the selected loss. Date and number of animals can be edited.



Delete

Delete the selected loss.

## 3 Monitoring

### 3.1 Transfer to HIT (TAM)

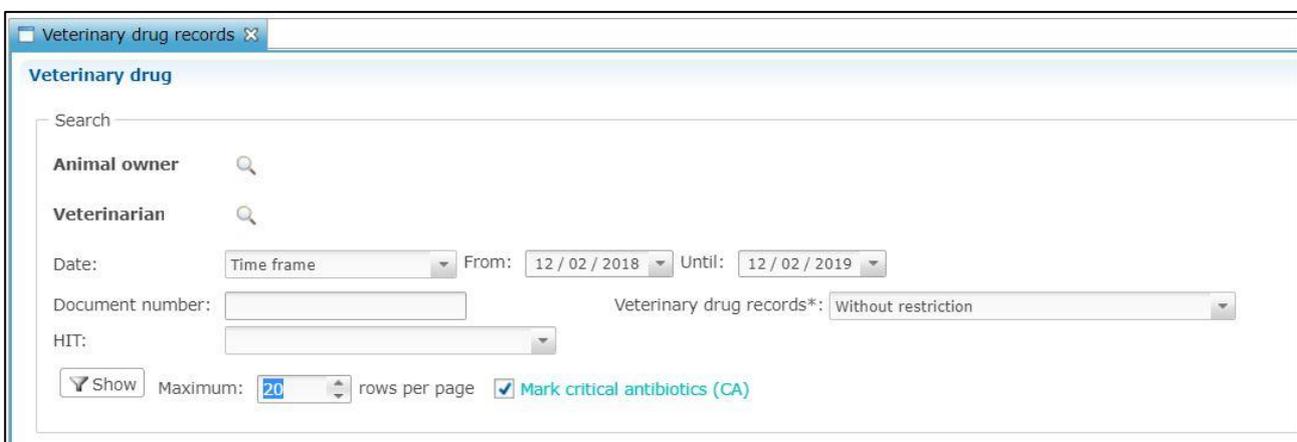
- The menu item "Transfer to HIT (TAM)" gives you an overview of the data relevant for HIT from the veterinary drug records in the antibiotics database.
  - Attention!** The HIT-TAM database is the federal antibiotics database in Germany. A report to the HIT-TAM database is therefore only possible and obligatory for German companies.



- The following filter options are available:
  - Select livestock owner: Click on the magnifying glass  behind the livestock owner to open the company filter. Select the livestock owner directly from the list of hits by double-clicking or search for him entering the VVVO number or the name, click on  and then select the livestock owner by double-clicking.
  - Select a veterinarian: Click on the magnifying glass  behind the veterinarian, the window "Veterinarian" opens. Here you can also select the veterinarian directly from the list of hits by double-clicking or enter the veterinarian ID or the name in the search field, click on  and select the veterinarian by double-clicking.
  - Further filter options: Date, document number, animal branch, etc.
- Click on  to display your selection. The  function provides you with the veterinary drug records as Excel or csv file.
- Further functions are:
  -  HIT Send the selected veterinary drug record (highlighted in blue) to HIT (only if you have a reporting authorization).
  -  HIT Remove the selected veterinary drug record (highlighted in blue) from HIT (only if you have a reporting authorization).
  -  HIT Shows how the selected record was received at HIT (only possible for successfully transferred records).
  -  HIT protocol Opens the HIT protocol with information about the transfer of the selected veterinary drug record.

### 3.2 Show veterinary drug record

- Click on "Show" in the "Veterinary drug record" menu. The "Veterinary drug records" window opens:



- The filter options correspond to those described in *chapter 3.1 Transfer to HIT (TAM)*. You also have access to all functions described there (see above).



## Returns

- The menu item "Returns" shows you any return amounts for veterinary drug records stored in the antibiotics database.
- The following filter options exist:
  - Select livestock owner: Click on the magnifying glass  behind the livestock owner to open the company filter. Select the livestock owner directly from the list of hits by double-clicking or search for him entering the VVVO number or the name, click on  and then select the livestock owner by double-clicking.
  - Select a veterinarian: Click on the magnifying glass  behind the veterinarian, the window "Veterinarian" opens. Here you can also select the veterinarian directly from the list of hits by double-clicking or enter the veterinarian ID or the name in the search field, click on  and select the veterinarian by double-clicking.
  - You can also filter by date or by a specific document number.
- Click on  to display your selection.

## 3.3 Confirmation of herds/periods without antibiotic treatment

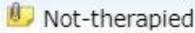
### Confirmation of herds without antibiotic treatment (poultry)

- Click on "Denote poultry herds" in the menu "Herds without AB therapy". The company filter opens.
- Select the livestock owner directly from the list of hits by double-clicking or search for him entering the VVVO number or the name, click on  and then select the livestock owner by double-clicking.
- The window "Production sites" opens:

Livestock species	Type of stable	Stable name	Section count	Places	Stock	Active	Note	Stable address
Chicken	Broiler fattening	Stall 1		5000	365	yes		HKHKH 53113 GBHKB
Chicken	Broiler fattening	Import_test	2	7000	0	yes		Test 12345 Test

Year	Herd ID	Production	Date of entry	Herd size	Completely red.	Marked as not. Loss	Rehousing num	Loss	Date of exit 1	Animals for slaughter	Date of exit 2	Animals for slaughter	Date of exit 3	Animals for slaughter	Hatching date	Origin	Race
2019/4	122	Broilers	Sep 3, 2019	200	yes	yes		0.00%		Sep 23, 2019	300						
2019/3	ABC	Broilers	Aug 27, 2019	5000	no	no	135		Sep 23, 2019	4500							
2019/2	DEF	Broilers	Aug 5, 2019	5000	yes	no		4.00%	Sep 16, 2019	4800							
2019/1	456	Broilers	Apr 1, 2019	500	yes	no		3.00%	Jun 23, 2019	485							

- Click on the desired production site. The herds that have been stabled there are now listed.
  - Alternatively, you can display the production sites via the menu item "Show poultry farmer" in the "Master data" section and the function .
- Select the desired herd and click the button .



- The following window opens:

The selected herds have not been therapied with antibiotics.

Fields marked with "\*" are mandatory fields.

The selected herds will be marked as "herd is not therapied with antibiotics".

Submitting person\*:

Finish Cancel

- Enter your name and confirm your entry with  .
- Further editing options in the "Production sites" window (see also *chapter 2.3 Production sites*):

	New...	Create a herd.
	Edit...	Edit a herd.
	Delete	Delete a herd.
	Download	Download a herd.
	Create loss...	Register losses.
	Rehousing	Move the herd to another stable.

- Via the menu item "Show poultry herds" you can view stored confirmations of herds without antibiotic treatment. You can edit or delete confirmations that you as coordinator have entered.

### Confirmation of periods without antibiotic treatment (cattle, pigs)

*Denote for cattle or pig farms*

- In the "Periods without AB therapy" menu, click on "Denote for pig or cattle, respectively, farms" (here using a pig farming company as an example). The company filter opens.
- Select the livestock owner directly from the list of hits by double-clicking or search for him entering the VVVO number or the name, click on  and then select the livestock owner by double-clicking.



- The following window opens:

The animals of the selected production types have not been therapied with antibiotics in the selected period.

Fields marked with "\*" are mandatory fields.

The selected period will be marked as "period without AB therapy".

Period\*:

Submitting person\*:

Actor: Test Schwein

VVVO number: 276

Production scope\*:

- Pig fattening
- Gilt and boar rearing
- Sow keeping and piglets before weaning
- Piglet rearing

Finish Cancel

**Mandatory fields** (marked with \*) for the confirmation of periods without antibiotic treatment are:

- Period: Select the respective semester
  - Submitting person: Enter the name
  - Production scope: Select the production scope that has not been therapied with antibiotics.
- Confirm your entries with  .

*Show for cattle or pig farms*

- The function "Periods without AB therapy - show for pig farms or cattle farms" gives you an overview of the entered confirmations of periods without antibiotic treatment.
- The following filter options exist:
  - Select livestock owner: Click on the magnifying glass behind the livestock owner to open the company filter. Select the livestock owner directly from the list of hits by double-clicking or search for him entering the VVVO number or the name, click on  and then select the livestock owner by double-clicking.
  - Period
  - Submitted by
- Click on  to display your selection.



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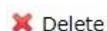
- Further editing options in the window "Periods without AB therapy - show for pig farms or cattle farms":



Create a confirmation of periods without antibiotic treatment. For more details, see the previous section "Denote".



Edit confirmations of periods without antibiotic treatment that you have submitted as livestock owner.



Delete confirmations of periods without antibiotic treatment that you have submitted as livestock owner.



Download all confirmations of periods without antibiotic treatment.

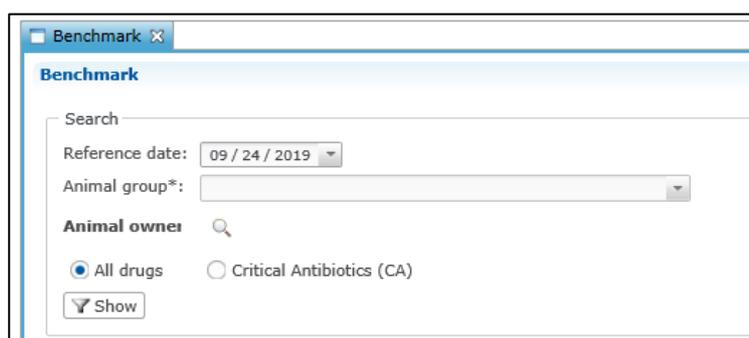
### 3.4 Therapy index

#### Index/Trend based on farm or Index based on herd

- Click on "Index based on farm" or "Trend based on farm", respectively, or "Index based on herd" in the "Therapy index" menu.
- It is possible to filter by animal branch, livestock species, animal group and a particular livestock owner. After setting the filter, click on  to view the desired selection.

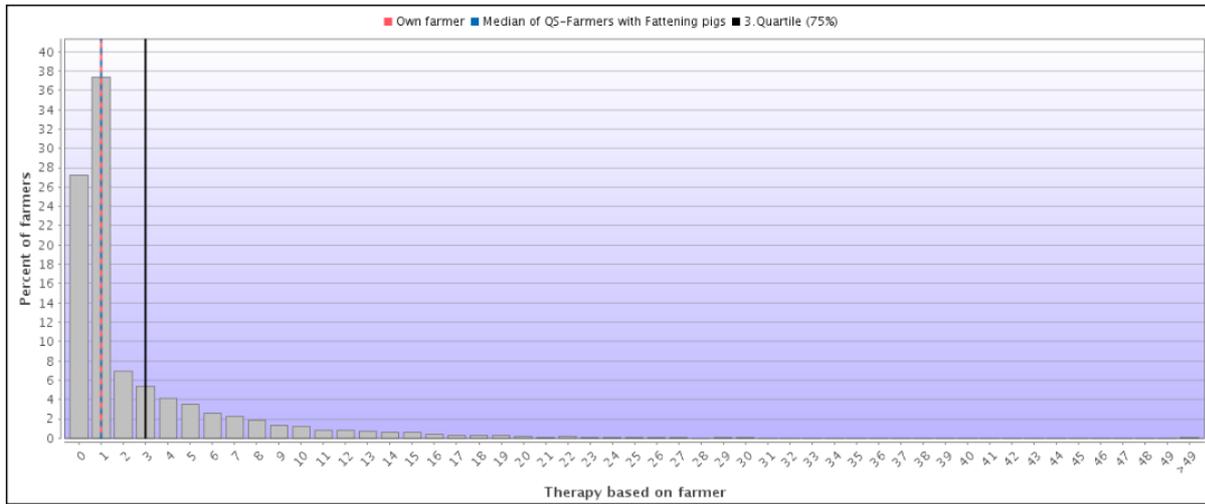
#### Benchmark

- Click on "Benchmark" in the menu "Therapy index" to display a specific company in comparison to all QS companies in an animal group.
- In the filter function, select a reference date, the desired animal group and the desired livestock owner and confirm your selection with  .



- You receive the evaluation of the desired company. This includes the calculated therapy index of the company as well as the values for the median and the 3<sup>rd</sup> quartile of all QS companies of the corresponding animal group. A chart illustrates the comparison between the selected company and all other QS companies of the animal group.

Animal owner:	Schweinestandort	Production scope:	Pig fattening
VVO animal owner:	276 12 3 45 111 1111	QS number:	4048473657143
Report day:	Aug 1, 2019	Animal group:	Fattening pigs
Reporting period:	Jan 1, 2019 - Jun 30, 2019	Therapy index:	0.01 Own farmer
Therapy period:	Jan 1, 2019 - Jun 30, 2019	Therapy index:	2.56 Average of QS-Farmers with Fattening pigs
		Therapy index:	0.37 Median of QS-Farmers with Fattening pigs
		Therapy index:	3.13 3.Quartile (75%) of QS-Farmers with Fattening pigs



■ Via [Download...](#) you can download the diagram with the corresponding reference values as a PDF file.

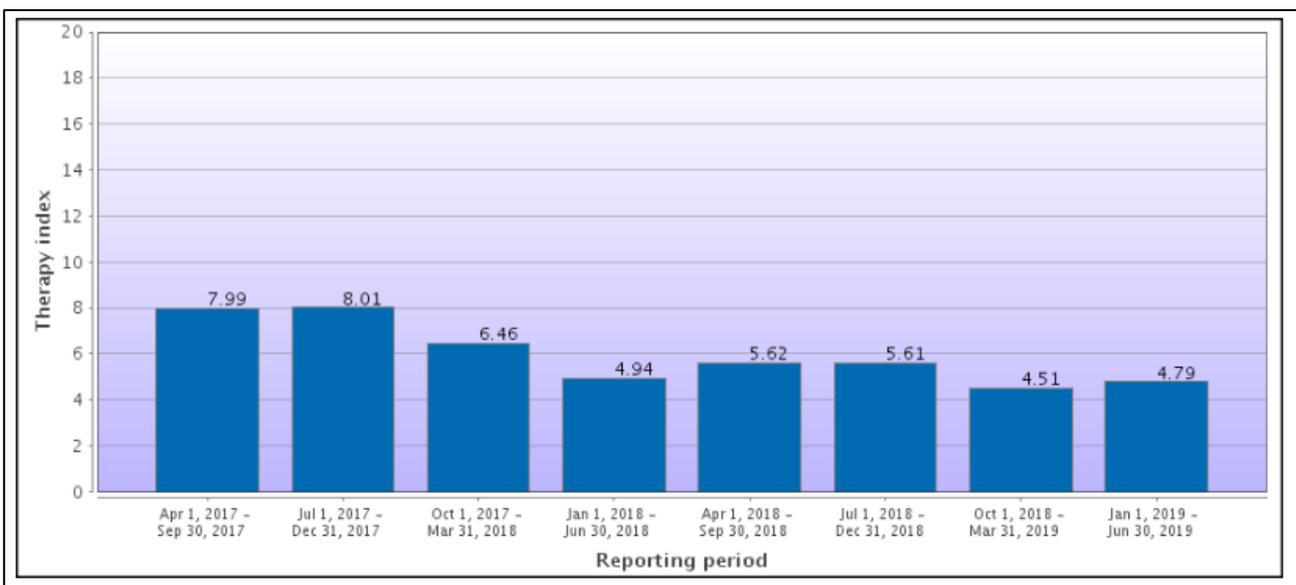
■ Click [History](#) to go to the history of the selected company.

### History

■ Click on "History" in the menu "Therapy index".

■ Select a reference date, the animal group and the desired livestock owner via the operational filter and click on [Show](#).

■ You will get a chart of the previous reporting periods in which you can evaluate the development of the company's therapy index.





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## Therapy index for critical antibiotics

- You can also display all the above evaluations specifically for critical antibiotics.
  - In "Therapy index based on farm" the display appears automatically in the last column auf the evaluation scheme ("TI-CA").
  - For all other evaluations click on "Critical Antibiotics (CA)" in the filter options and afterwards on  .

## 4 My profile

### 4.1 Downloads

- The download overview enables to download already created files. To do this, select the corresponding data record (highlighted in blue) and select the desired function in the upper right corner of the window.

Create date	Report type	Forma	Status	Complete	Filter criteria
Nov 27, 2019 1:36:3	Single info letter about PDF -	Finish	00:00:00	Cover letter; Information about monitoring; Information about antibi	

### 4.2 Import reports

- The overview of the import reports is not relevant for you as an livestock owner, since no import functions are available.

### 4.3 Inbox

- In the "Inbox" you will find all mailings sent by your coordinator.
- You have the option of filtering according to the send date.
- After selecting a data set (highlighted in blue) you can download the corresponding mailing via  .



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