

CHAPTER 1.2 – Graphs: Ctrl sheet

The sheet *CTRL* (control) can be used to

1. update the data of the result database from an external file,
2. change the currency,
3. change the language used for the headers of the charts (based on your previously introduced dictionary), and
4. to change the reference units and other settings. In the following, the numbering in the control sheet is applied for further explanations.

1. LOAD

This section of sheet *CTRL* is usually hidden. You only needed if you create your own result database. For this, *agri benchmark* headquarters offers annual or semi-annual training sessions. Please contact the *agri benchmark* headquarters for details.

2. Change currency

To recalculate the financial figures into another currency, please perform the following steps:

- a. Go to cell D 12 and type in the name of the new currency that you want to use for headers and labels in the charts.
- b. Go to cell D 14 and type in the exchange rate in the format: 'national currency per USD'. The relevant EUR/USD exchange rate is already available in cell F 14.
- c. In the dropdown menu, in cell D 15, choose the currency for labeling the charts.

3. Select language

Here you can change the language for the headers and the labels of the charts. The precondition is that you have previously created a dictionary in the sheet data, columns JE ff.

- a. Type in the language with the same spelling as in the row five(5) in sheet data, starting with the column JE.
- b. Choose the language you want to see in the drop-down menu in cell D 22.

4. Change reference units and define values for further variables

- a. Labour unit: you can change the hours to define one labour unit.
- b. Animal unit: you can change the weight to define one livestock /animal unit.
- c. Opportunity cost land: you can increase / decrease the value of land opportunity cost by applying a factor. The reason is that often land prices are distorted by legislation and subsidies.
- d. Reference unit of cost: per default, the reference unit is '100 kg slaughter weight'. By typing in 1, 2 or 3 you can change the reference units of the data.
- e. Weight sold or weight added: per default, results are expressed 'per 100 kg sold'. Here you can change to the results per kg added, reflecting the different weights at the start of the finishing.

Important! See next page!

NOTE: every change performed in points 1 to 4 requires an update of the data sheet. This is done by clicking on the button **COPY** in cells A36-A37 (see red circle on screenshot next page). This action copies the values from sheet *Data-in* into the sheet *Data* and then removes all zeros to obtain clean and well visible line charts in sheets *StandardCharts* and *IndividualCharts* .

How to use this file

1. Press the button LOAD, this will copy the the result data base from the data storage (xxx-fin.xls) to this file (sheet data-in)

Please specify the path of the data store file:

V:\Oekonomie\Projekte\ab\2-BS\245-BSR-16\3-output
BSR16-fin.xlsm

2. Change currency

Default currency is US\$. If you want to change to another currency, put in a factor expressing 'currency per US\$'

Type in name of new currency

EURO For example EURO

Type in conversion factor

1 For example 0,901 EUR per USD in 2015

Choose currency

USD

3. Select language

Default language is English. If you want to change the language, type in the new language in Sheet Data column D. Then do the following steps:

Type in name of new language

Portugues

Choose language

English

4. Define values for further variables

Labour unit

2.200 hours per labour unit

Animal unit

500 kg live weight per animal unit

Opportunity cost land (Factor of original value)

1,00 Decimal from 0 (without) to 5 (5 times of original value). Example: 0.5= 50 % of original OC

Reference unit of cost

1 1= per 100 kg carcass weight, 2= per 100 kg live weight, 3= per head of animals sold

Weight sold or weight added

1 1= weight sold, 2= weight added

5. Press the button COPY. This will convert the data from Sheet 'Data-in' into your desired reference unit,

Copy the values for the graphs in sheet 'Data' and clean this sheet of empty cells for the graphs.

Note:

To save time, your computer should be set to 'Manual calculation' for this action.

Choose <Tools><Options><Calculation> from the menu and click 'Manual'

COPY

Please note: the following figures for feedlots and landless systems were deleted: Stocking rate (row 92) and land productivity (row 514) in ES, IT, CA, US, MX, AR, CO, PE, CN, ID, MA, TN, ZA, NA, BW

Now the graphs should be ready!