

## Milk price calculator - instructions

The Milk price calculator (MPC) consists of two parts:

- Personal milk profile  
provides milk prices for a range of contracts based on your farm's milk profile
- League table  
shows milk prices for a range of contracts based on milk matching the profile of the AHDB standard litre

### Milk price calculator - Personal milk profile

This tool allows you to compare the monthly and annual average milk price you would receive on different contracts as determined by your personal milk profile.

You are able to input data to reflect your current milk profile, or a hypothetical milk profile, allowing you to assess the impact on milk prices of changing various characteristics (such as fat or protein content, delivery profile or hygienic quality).

To calculate milk prices, you will need to complete the grid and choose the relevant options to best match your situation.

#### 1. Contract type

Firstly select the 'Contract type' you are interested in from the dropdown menu. A number of options are available, from liquid to manufacturing but the default is to show 'All contract types'.

#### 2. Region

You can select the GB region from the 'Regions' dropdown with the default being 'All regions'. By choosing a region, the output will show only prices paid on contracts normally available in the selected region.

Contract types <span>?</span>	Regions
All contract types ▼	All regions ▼

#### 3. Collection frequency

Select either EODC (every other day collection) or EDC (every day collection) as appropriate.

Collection frequency ?

EODC	EDC
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#### 4. Milk profile

You can choose either a Fixed or Varied milk profile for calculating milk prices.

Choose milk profile: ?

Fixed profile	Varied profile
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Fixed profile provides a grid where butterfat, protein, somatic cell count and bactoscan remain fixed through the year but milk delivery volumes can vary.

Varied profile provides grid which allows you to enter monthly values for butterfat, protein, somatic cell count, bactoscan and milk deliveries.

#### 5. Complete grid

There are three ways to enter your data into the grid.

Complete grid ?

Enter data manually	Import from file	Pick preset profile... ▼
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Note: there must be an entry in **each** cell for the calculator to work. In cases where no milk is produced in a month, please input a volume figure of at least 1 in the grid.

Butterfat and protein figures should be entered to 2 decimal places. All other numbers should have no decimals. Do not use commas to separate thousands.

Enter data manually:

Choosing this option provides a grid with zero values in all cells. You can overwrite these by clicking in the cell (cursor will blink in the active cell), and replacing the zero with your own numbers.

### Import from file:

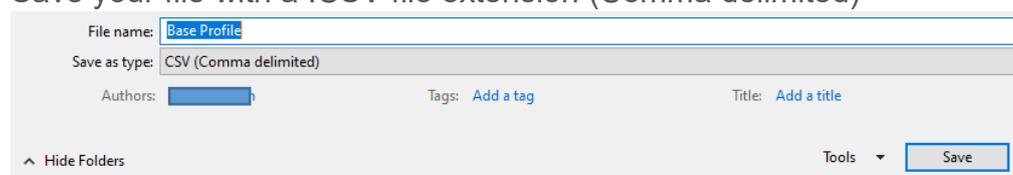
To import your own profile data, follow these steps:

- a. create an Excel file as per the example below

	A	B	C	D	E	F	
1	Month	Butterfat	Protein	ScC	Bactoscan	Volume	
2	January	4.15	3.3	162000	28000	88000	
3	February	4.12	3.3	161000	28000	81000	
4	March	4.05	3.25	163000	28000	90000	
5	April	4	3.2	171000	29000	85000	
6	May	3.95	3.2	173000	26000	88000	
7	June	4	3.2	175000	26000	80000	
8	July	4.1	3.25	180000	26000	78000	
9	August	4.12	3.25	186000	26000	76000	
10	September	4.12	3.25	186000	26000	77000	
11	October	4.13	3.28	179000	26000	85000	
12	November	4.15	3.28	171000	29000	84000	
13	December	4.15	3.28	165000	29000	88000	
14							

two decimal places should be used for butterfat and protein and no commas should be used to separate thousands

- b. Save your file with a .CSV file extension (Comma delimited)



- c. Return to the MPC screen and select 'Import from file'  
You can now choose your saved CSV file from its file location, then click Open.
- d. The data will now be uploaded into the grid.

### Pick preset profile

This allows you to choose some preset milk profiles from the drop down menu.

By choosing this option, the grid will be populated automatically. For example, by choosing the ADHB standard litre from the drop down menu, the grid will be populated with values corresponding to the milk profile used to calculate the League table prices.

\*typical milk profiles for Spring and Autumn block calving systems will be added as options in the near future.

## 6. Calculate prices

Once the grid is completed, you can generate the table of contract prices by clicking on the **Calculate prices** button. The table of results, along with the milk profile can be printed or downloaded by clicking on the relevant icons.



Print



Download results

## Comparing different milk profiles

You can key in or upload up to 5 different profiles by clicking on **+Add new profile** and then either keying in your data or uploading CSV files.

### Prices comparison

Having completed the first profile simply click on '+Add new profile' and an additional grid will appear (these will default to the base profile figures).

New data can be entered manually, uploaded from a file using the buttons or the sliders above the data can be used to adjust the monthly values for each parameter e.g. butterfat.

Five profiles in total can be created.

+ Add new profile

When you choose to add a new profile, you will be asked to select how to enter the data (manually, import file or choose preset profile)

### Complete grid ?

Enter data manually

Import from file

Pick preset profile...

Pick preset profile...

AHDB standard litre

Prices comparison

In the new profiles, you can vary the values for each parameter by up to 50% using the sliders or by manually overtyping the data.

Month	Butterfat %	Protein %	SCC /ml	Bactoscan /ml	Volume (litres)
	0%	0%	0%	0%	0%
	<input type="range"/>				

To remove the additional profiles then click 'Remove added profiles'. Note however, that this will remove ALL added profiles, not just the most recent one.

## League table

To view the latest League table of milk prices based upon the AHDB standard litre milk profile, please select the League table tab

## Milk price calculator



This will display a table of milk prices by contract type in alphabetical order. Contracts can be sorted in order of contract name, monthly and annual price.

To view the AHDB standard litre milk profile, click on the **Milk composition details** link.

An Excel file of results can be downloaded by clicking on the 'Download prices' icon. Alternatively, it is possible to print the League table using the print icon provided.

If you have further questions please email [datum@ahdb.org.uk](mailto:datum@ahdb.org.uk) or call 02476 47 8847.