

EFA Calculator Software: Release history

Date	Version	Details
23/04/2019	1.0.5.4	Minor update: minor bug fixes and updates to the QuESSA data in the core database.
18/04/2018	1.0.5.3	Minor update: minor bug fixes and a small update to the impact data in the core database to enabled the assessment of global climate regulation impacts for a wider range of EFA features.
23/01/2018	1.0.5.2	Minor update: revisions to spatial data. Now using latest (2013) NUTS3 region classification. There have also been a number of minor bug fixes.
10/10/2017	1.0.5.1	Major update: Several new features and improvements. In the land and feature manager, on the 'Guidance' tab. There is now a new tab 'EFA rules'. This displays information on EFA eligibility based on the data that has been entered for each feature, thus making data entry a little more efficient, as helps ensure all relevant data for the EFA assessment has been entered. The second new feature relates to spatial data. On the clickable maps screen (accessed from the land and feature manager for relevant parameters) there is now a second tab to search for a region (by name or NUTS code) and retrieve spatial data (and thus associated parameter classes) for that region. Finally, the setting and options section of the software has been redesigned, with guidance on what the settings and options are. There have also been a number of minor bug fixes (including tailoring whole farm parameters to different software modes).
28/07/2017	1.0.5.0	Major update: EFA rules have been updated - user can select which EFA rules to use (currently rules for 2015, 2016 and 2017 are available). There have also been a number of minor bug fixes (including fixes in QuESSA mode for some data export errors and the management of whole farm parameters).
15/05/2017	1.0.4.0	Major update: First publicly available version of the software that integrates the outputs from the QuESSA project. Note: Some elements of the QuESSA calculations in the software are still being testing and refined, so are likely to change and will be released with updates in the near future.
22/11/2016	1.0.3.5	Minor bug fixes, including a fix to the storage of top level indicator weightings (as previously allowed non-numeric characters to be stored causing crashes elsewhere in the software).
11/10/2016	1.0.3.4	Minor bug fix to a bug relating to corrupt data.
22/08/2016	1.0.3.3	Minor bug fix to the routine to export ranking data from the report builder.
19/08/2016	1.0.3.2	A number of minor bug fixes.
17/08/2016	1.0.3.1	New functions (on the File menu) in the Land and feature manager to export and import data from MS Excel. For the import, data must be structured in the same way it is exported (it is recommended that you export some test data to view this), as any deviation from this structure may result in errors. Feature names must be unique. Parameter names and parameter classes (data) must be identical to those used in the software, else they will not be recognised.
05/08/2016	1.0.3.0	New function/option introduced to export ranking data from the report builder.
14/07/2016	1.0.2.9	Minor bug fix to the new feature ranking tool (an error was occurring when the ranking routine was run when no features had been created for the farm).

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25/05/2016	1.0.2.8	Minor bug fixes, including a fix in the new feature ranking tool (the ranking calculation for "Catch crops or green cover" was slightly incorrect due to a bug).
22/04/2016	1.0.2.7	New function introduced: to change the Member State of a file that has already been created. On the file summary screen, the Member State name now has a hyperlink. Clicking on this hyperlink will open a dialogue box to change the Member State. Note: as each Member State has different EFAs activated and different implementation rules, changing it on a file that has assessment data will result in that data being deleted (as it is no longer valid). Thus it is recommended you save the file as a new file before changing the Member State (as reminder, the software will prompt you to do this if assessment data exists when you click to change the Member State).
07/04/2016	1.0.2.6	Minor bug fixes to the impact data export routines (for individual features) developed for version 1.0.2.4/5; and to fix a bug when creating new blank files (the software would always prompt to update the assessment before one had been created as if the core database had been updated).
01/04/2016	1.0.2.5	Slight amendment/improvement to the data export routine developed for version 1.0.2.4. Now includes overall impact scores for ecosystem services, biodiversity and management; some raw data is now included in the export; and data export options now appear below all formats of the impact icon displays in the report builder. Also fixed a minor bug in the SaveAs routine.
30/03/2016	1.0.2.4	New routine developed to export impact data from the report builder. Select "Impact icons (table view)" on the contents of the report (bottom right of the screen), then underneath the table that is displayed you will now find options to export the data displayed in the table (data is shown using icons and indicator bars, but will be exported as numbers).
11/03/2016	1.0.2.3	New routine implemented to check which version of the EFA rules data was used to undertake the EFA assessment for a file. If user now opens a file that was created using an old version of the EFA rules, the software will now prompt the user to update the file, and the the assessment is automatically recalculated using the new rules. The user will not be allowed to open the old file until this is done, else there is a danger of incorrect information being displayed.
23/02/2016	1.0.2.2	Couple of minor bug fixes. Updates to EFA weighting factor for short rotation coppice in the database (was set to 1, now set to 0.3).
29/10/2015	1.0.2.1	Couple of bug fixes, additional video demonstrations made available including: the new feature ranking tool, the report builder, and the EFA explorer.
20/10/2015	1.0.2.0	First publicly available version of the software.