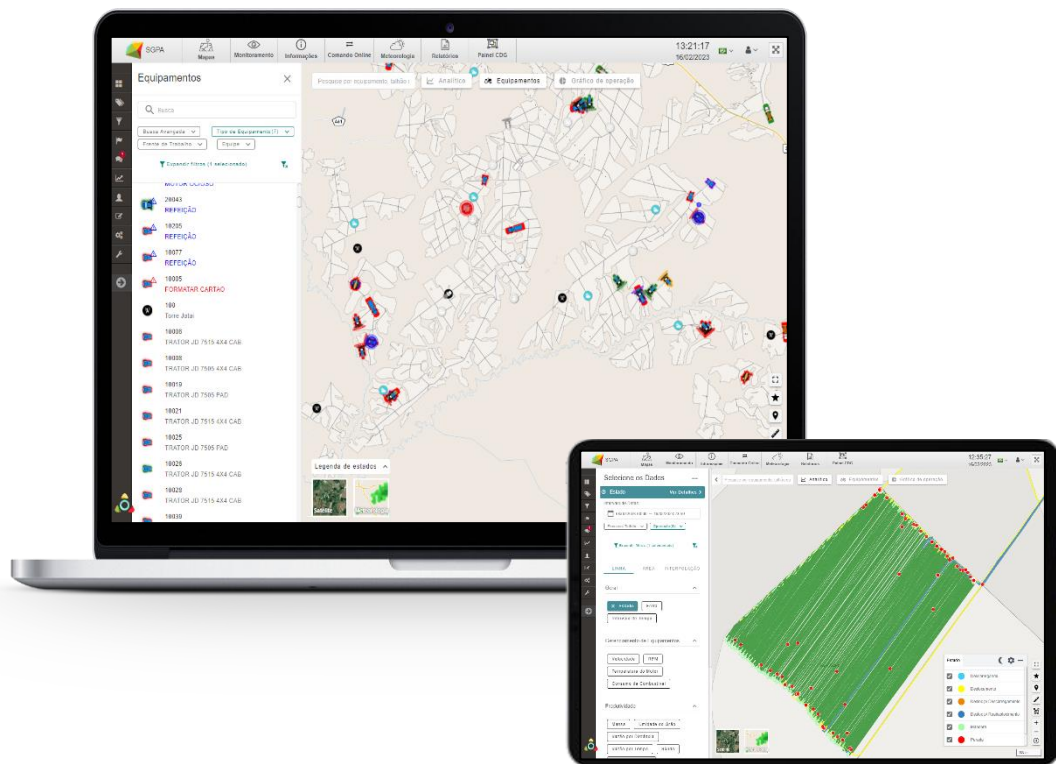


Changelog

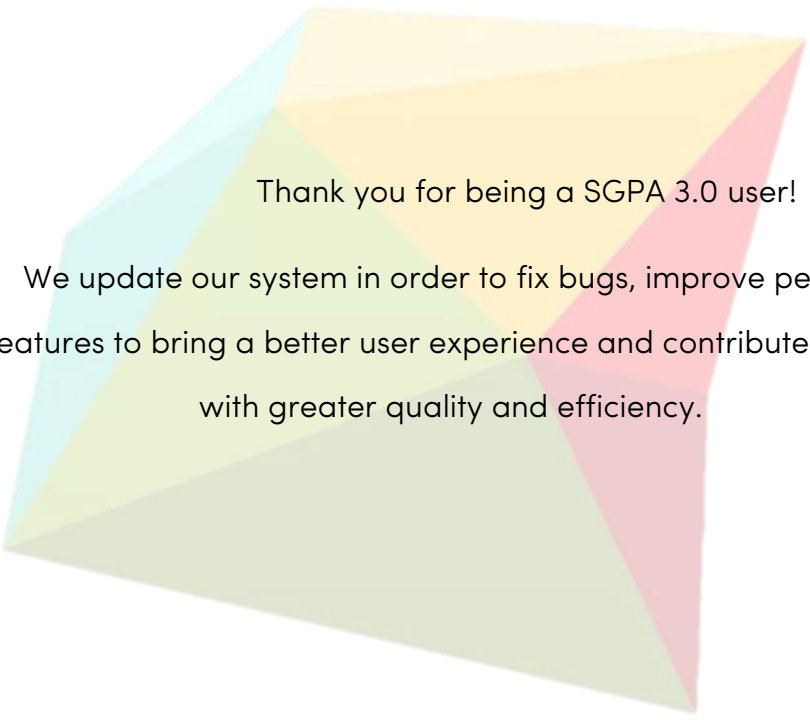
SGPA3

Automated Process Management System



Changelog Version 2024/231
 Period: 06/04/2024 to 06/10/2024
 Revision 00
 Date: 06/18/2024

Some applications mentioned in this report may not be available in the feature pack in your SGPA 3.0



Thank you for being a SGPA 3.0 user!

We update our system in order to fix bugs, improve performance and add new features to bring a better user experience and contribute to a management with greater quality and efficiency.

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1. SGPA3

1.1 Improvements

1.1.1 PBI Reports – LTT Benchmark

Improvements made to the PBI Report “LTT Benchmark”, for Sugarcane, Grains and Perennials verticals. In order to improve the approach and present a more accurate sampling of data, a new cutting rule was implemented. The specifications of the new rule are described below:

- **New Cutting Rule:** We disregard equipment that presented a minimum effective time, based on the standard deviation method.
- **Standard Deviation Method:** This technique is based on calculating the average and standard deviation of the data, considering as an outlier any value that is a certain distance (in standard deviations) from the average. In the case of the LTT Benchmark, the distance is 1.
- **Lower Limit Calculation:** Lower Limit = arithmetic average $-1 \times$ standard deviation.

Furthermore, a new button was implemented on the cover of the report to access the “Benchmark Registration” screen. The button is called “Records” and highlighted in orange.


⚠ If you want to access the report cover again, you must click on the three bars next to the “Benchmark” tab button . Data reprocessing prior applying this improvement is necessary.



Image 01 – Cover of the “LTT Benchmark” report with access button to “Benchmark Registration”

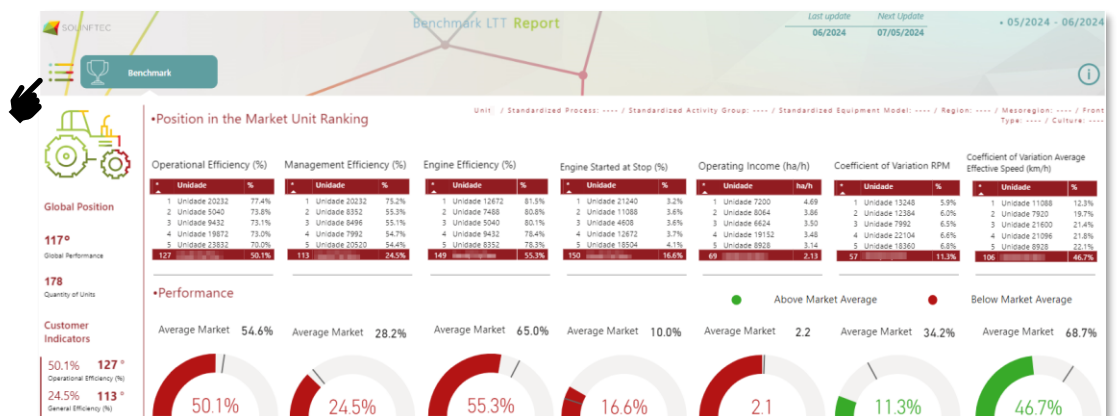


Image 02 – Three bars on the top left side that lead to the cover of the “LTT Benchmark” report

- Go to Main menu > Reports > PBI > Benchmark Menu > LTT Benchmark
- Available for Environments that have the PBI “LTT Benchmark” report.

1.1.2 PBI Reports – Cutting, Loading and Transporting Cane Online

Improvement made to the “CCT” tab of the PBI Report “Cutting, Loading and Transporting Cane Online”. As of this version, the Average in the “Effective Sugarcane Harvest Hours” graph will be displayed with a new calculation, that is, the average of Effective Hours per Equipment.

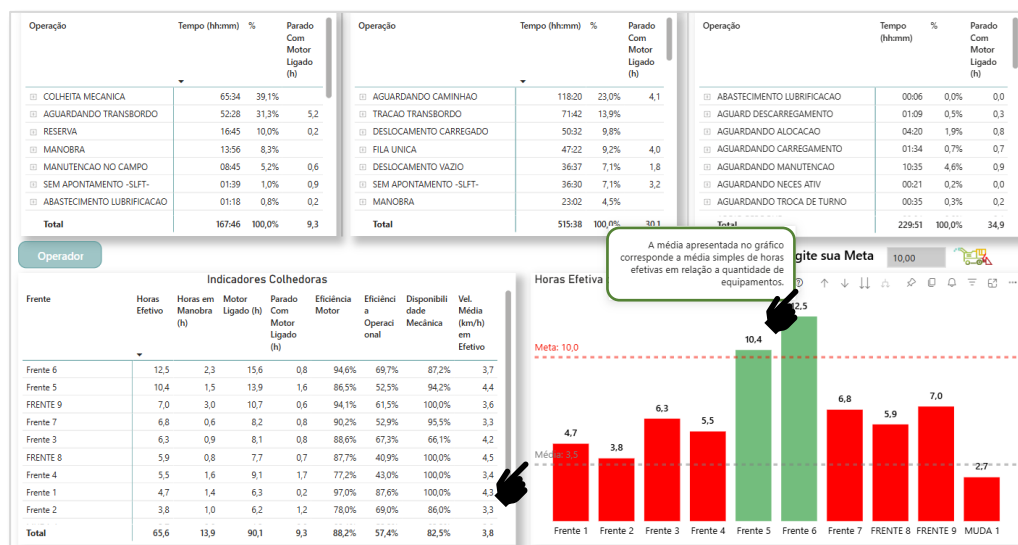


Image 03 – New Average calculation in the “Effective Sugarcane Harvest Hours” graph



Go to Main menu > Reports > PBI > Online Reports > Cutting, Loading and Transporting Cane Online > CCT Tab



Available for Sugarcane vertical environments.

1.1.3 PBI Reports – Cutting, Loading and Transporting Cane

Improvement made to the “CCT” tab of the PBI Report “Cutting, Loading and Transporting Cane”, to add the viewing options by “Time(h), Time (%) and Projection(h) in the time graphs.

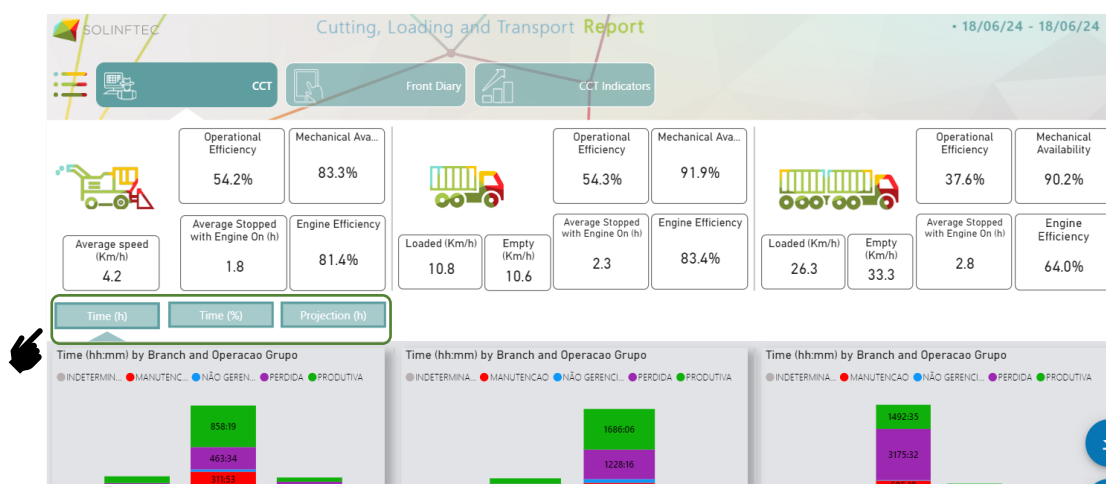


Image 04 – Visualization by Time (h), Time (%) and Projection (h) in the “CCT” tab



Go to Main menu > Reports > PBI > Operating Hours > Cutting, Loading and Transporting Cane > CCT



Available for Sugarcane vertical environments.

1.1.4 PBI Reports – Fertigation Note

Improvement made to the “Note” tab of the PBI Report “Fertigation Note”, from Sugarcane Vertical, to add two new information cards to present the total of Loaded Trip total (km) and Empty Trip (km).

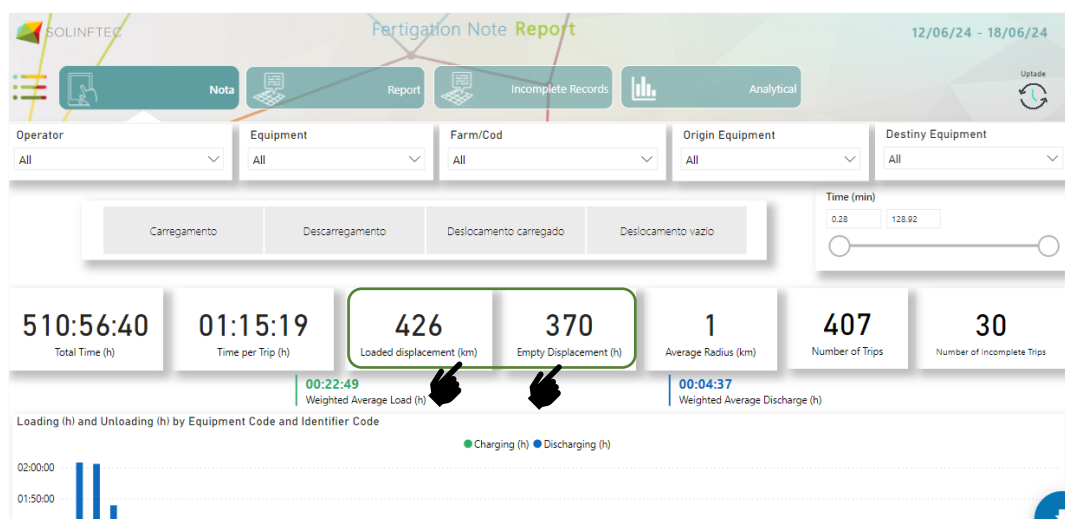


Image 05 – Information cards showing the total of Loaded Trip (km) and Empty Trip (km).



Go to Main menu > Reports > PBI > Fertigation Appointment > Note



Available for Environments in the Sugarcane vertical that have the “Fertigation Entries” report.

1.1.5 PBI Reports – Irrigation Monitor

Improvement made to the PBI Report “Irrigation Monitor”, by Perennials Vertical. As of this version, the calculation of the “Applied Blade” will be carried out

using the **Flow Intensity x Irrigation Time** data (previously the Flow x Irrigation Time calculation was used).

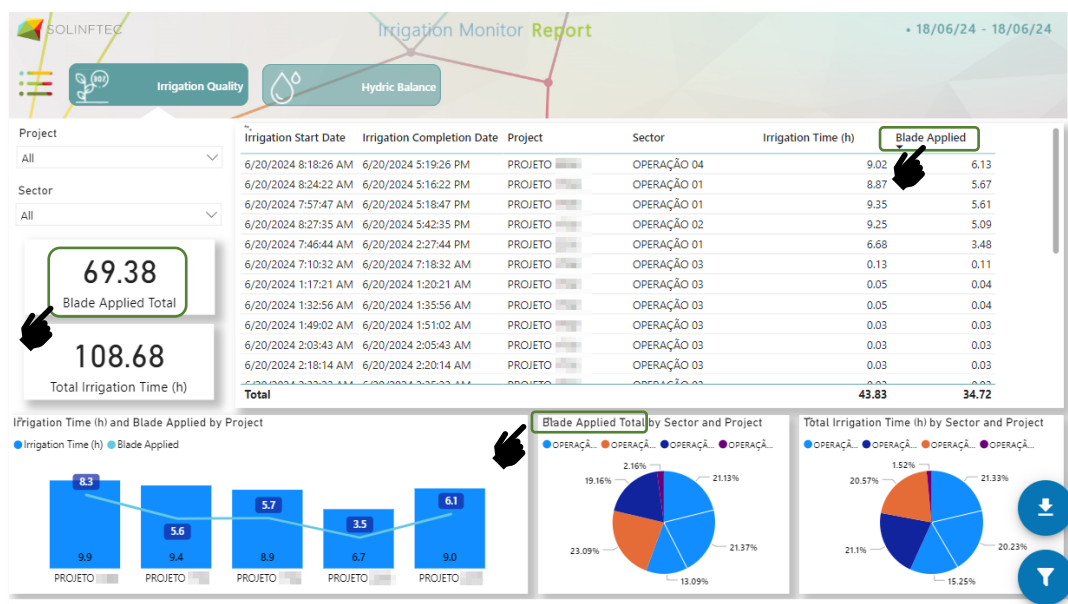


Image 06 – Applied Blade Data in the “Irrigation Monitor” report



Go to Main menu > Reports > PBI > Irrigation Monitor > Applied Blade



Available for Perennials vertical environments that have the “Water Resources” solution active.

1.2 Bugs

1.2.1 Maps – CDA

Adjustments made to the Maps “CDA” module:

- Modules with ID “No information” were changed, that is, Modules without RIFD information, to be presented in the “Traceability” parameter caption as “No RFID” in gray;
- Added Module information view in the detail’s sidebar, such as Productivity, Weight, Fiber Moisture, Border, Variety and Anomalies.
- Changed the title of the detail’s sidebar to “Module Information”.

- In the detail's sidebar, while in summary Modules format, Modules without IDs were changed to display as "No information".



Go to Top menu > Maps > CDA



Available for Grains vertical environments that have the "CDA – Digital Cotton Certificate" solution active. Applied on 06/14/2024.

1.2.2 Maps – Flow by Distance

Adjustment applied to the "Flow by Distance" Analytical Map to display the values correctly in the Legend when selecting the gal/ac measurement unit.



Go to Top menu > Maps > Flow by Distance > Legend > gal/ac



Unit of measurement "gal/ac" available in English. Applied on 06/17/2024.

1.2.3 PBI Reports – Cutting, Loading and Transporting Cane Online

Adjustment made to the PBI Report "Cutting, Loading and Transporting Cane Online" in order to display the values in the graph columns.



Go to Main menu > Reports > PBI > Online Reports > Cutting, Loading and Transporting Cane Online



Available for Sugarcane vertical environments.

1.2.4 Records – Fertigation

Adjustment made in the Pressure (bar), Flow (m³/h) and Operation radius (m) fields of the "Sprinkler Factor" in Fertigation registration, in order to allow saving values in ascending order, that is, inserting a value greater than the value entered in

the previous line.



Go to Main menu > Records > Fertigation > Sprinkler Factor > Pressure (bar), Flow (m³/h) and Operating radius (m)



Available for environments that have the “Fertigation/Irrigation” solution. active.
Applied on 06/17/2024.

1.2.5 Maintenance – On-Board Configuration

Adjustment made on the “On Board Configuration” screen, in Equipment Type “2 – Transshipment”, to display data in the “Whole Sugarcane” field. Furthermore, it was adjusted to display data in alphanumeric format (letters and numbers) in the “Board Serial Number” field, for the Equipment Type “40 – Light Tire Tractor”.



Go to Main menu > Maintenance > Solinftec Maintenance > On Board Configuration > Equipment Type > 2 – Transshipment > Equipment > Whole Sugarcane > Active/Inactive and in Equipment Type > 40 – Light Tire Tractor > Equipment > On Board Serial Number

In case of doubt or further clarification, please contact us via email suporte@solinftec.com.br or call +55 18 3622 2270