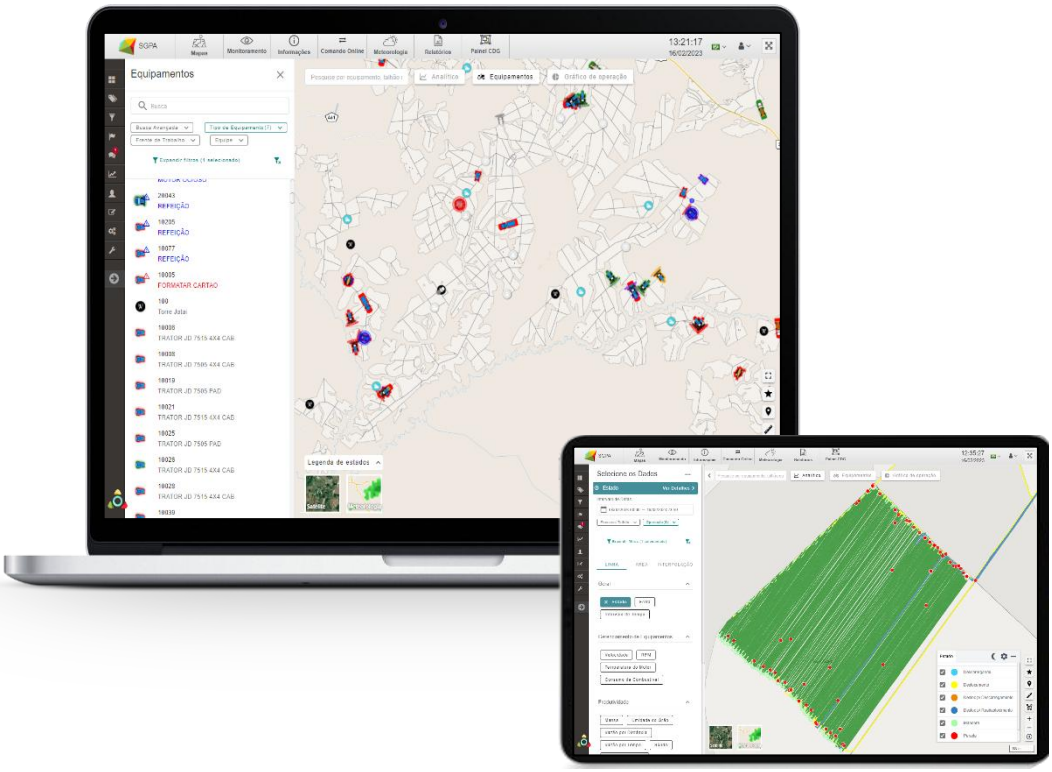
Changelog

SGPA3

Automated Process Management System



Changelog Version 2025/263
Period: 06/03/2025 to 06/16/2025
Revision 00
Date: 07/01/2025

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

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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 Records and Maps – Inputs Management

Improvement made to the "Inputs Management - Agronomic Recommendation" registry, to implement processing in the Minimum Dose and Maximum Dose fields for fertilizer recommendations, used in the "Nutrient Calculator" of the Maps module (Yield and Productivity Monitor). Starting with this version, dynamic validation of the entered values will be performed, ensuring that the maximum dose is never lower than the minimum and that the minimum dose does not exceed the maximum. In other words, when changing the minimum dose value, the system automatically adjusts or blocks the maximum dose if it falls below the new minimum value, and the same occurs in the opposite direction. This restriction prevents configuration errors and ensures consistency in the logic of the recommendation proportional to productivity.

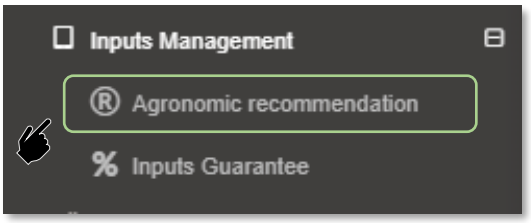

Image 01 – "Agronomic Recommendation" in the "Inputs Management" registration menu

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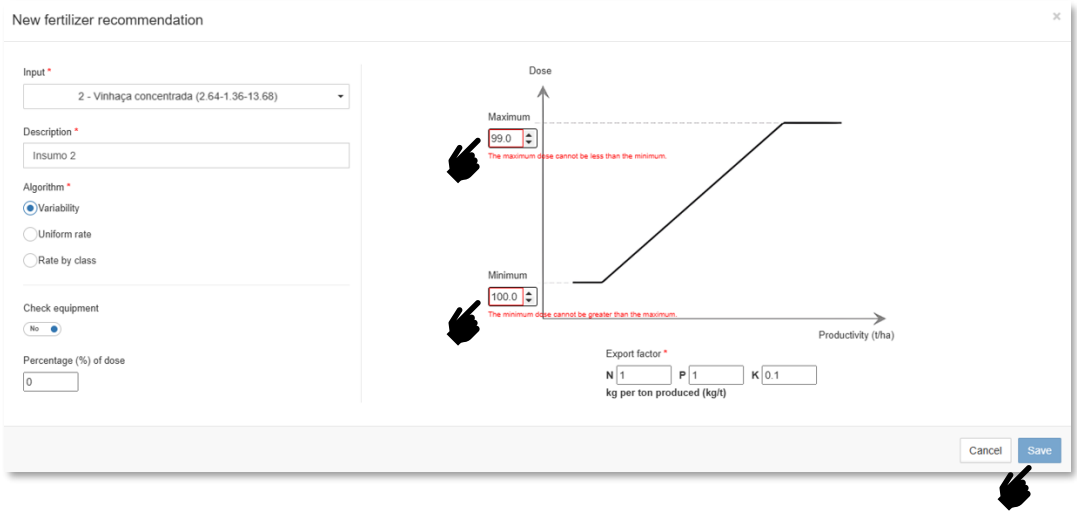

Image 02– "Agronomic Recommendation" registration screen displaying a message warning that the Maximum Dose is lower than the Minimum Dose and that the Minimum Dose is higher than the Maximum Dose and blocks the Save button

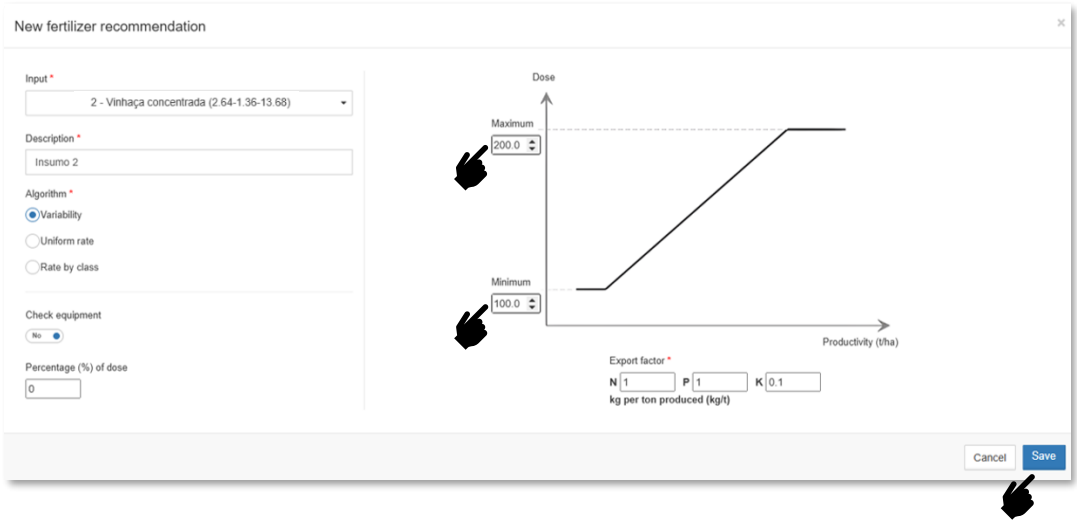

Image 03– "Agronomic Recommendation" registration screen allowing saving when the Maximum Dose is configured with a value greater than the Minimum Dose

Go to Main menu > Records > Input Management > Agronomic Recommendation > Dose > Maximum and Minimum

Available for Sugarcane Vertical Environments that have the "Yield and Productivity Monitor" solution active.

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1.1.2 Records – Implement Measurements

Adjustment made to allow saving with decimal values in the "Implement Distance" field of the "Implement Measurements" register, for the Implement type "12 - SP – Sections/lines/nozzles".

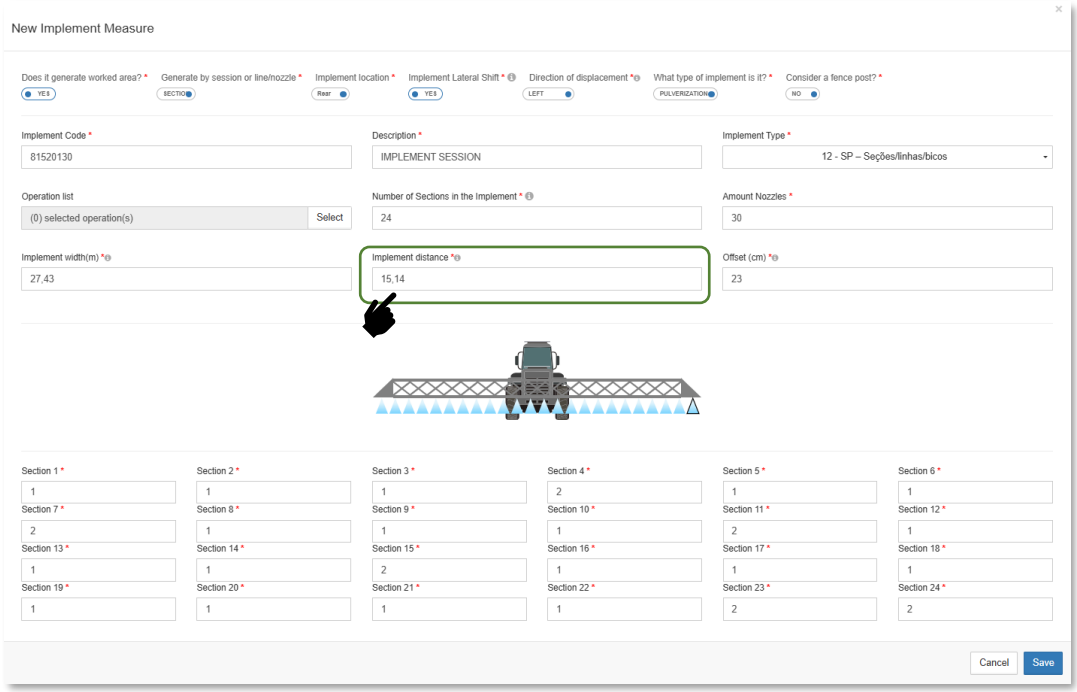

Image 04 – "Implement Distance" field with decimal values in the "Implement Measurements" register in the Implement type "12 - SP – Sections/lines/nozzles"

Go to Main menu > Records > Equipment > Implement Measurements > Implement Type > 12- SP – Sections/lines/nozzles > Generate worked area? > Yes > Implement Distance

1.1.3 PBI Records - Benchmark Transshipment

Improvement made to the PBI Report "Benchmark Transshipment", from the Sugarcane Vertical, to update the metric "Time at the Plant (%)". As of this version, the code "automatic operation status = 9" was included in the calculation of the metric "Time at the Plant (h)".

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The updated logic of the metric is described below:

- The metric will add the operational hours (h) under the following conditions:

  - **Automatic operation status code equal to: 0, 7, 8, 9, 16.**
  - **Automatic operation code equal to: 10.**

- The formula for the "Time at Plant (%)" metric remains the same:

Time in Plant (%) = Time in Plant (h) / Operating Hours (h)

This update was necessary because the metric previously did not consider code 9, which generated inconsistencies in the indicators for some cases. After technical analysis, it was identified that code 9 is related to the plant's internal yard, so it should be counted as part of the time in the plant.

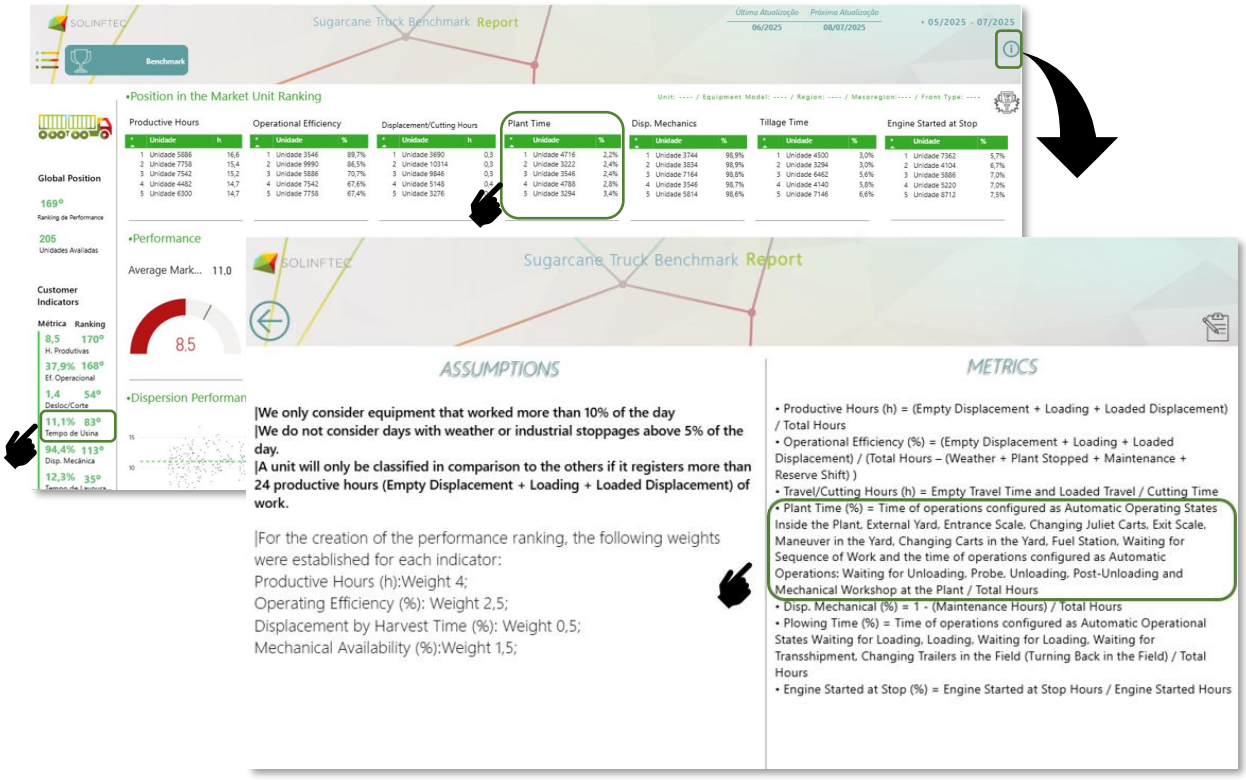

Image 05 – "Plant Time" metric available in the "Benchmark" tab of the "Sugarcane Truck Benchmark" report

Image 06 – Details of the "Plant Time (%)" metric available in the Metrics panel of the "Sugarcane Truck Benchmark" report

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Go to Main menu > Reports > PBI > Benchmark Menu > Sugarcane Benchmark > Benchmark Tab > Time at the Plant (%) > "i" icon in the upper right corner > Metrics > Time at the Plant (%)

Applied on 06/17/2025. Available for Sugarcane Vertical Environments that have the "Benchmark" solution active.

1.2 Bugs

1.2.1 Analytical Map – Worked Area

Adjustment made to the Analytical Map to correctly display the Worked Area data in fields with very large geometry and which only have an effective state at the edge of the field.

Go to Top menu > Maps > Worked Area

1.2.2 CDG Panel – Truck Check

Adjustment made to the "CDG Panel" in order to correctly display the data on the "Truck Check" screen.

Go to Top Menu > CDG Panel > Truck Check

Available for Environments that have the "CDG - Digital Grain Certificate" solution active.

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

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