Changelog

SGPA3

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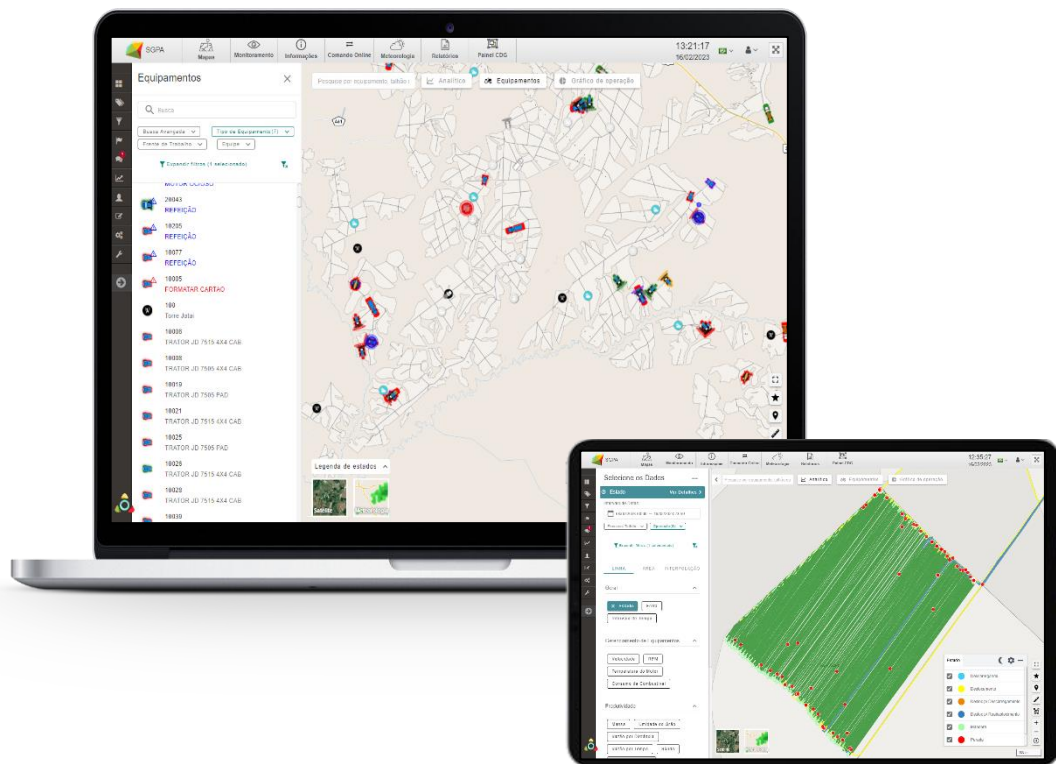
Some applications mentioned in this report may not be available in the feature pack in your SGPA 3.0

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.

Table of Contents

1. SGPA3

1.1 Improvements

1.1.1 Report Generator – reCAPTCHA

Improvement made to the "Report Generator" functionality of the Sugarcane Vertical. As of his version, the "reCAPTCHA" validation tool is no longer displayed after validation and the beginning of file download. In other words, the "reCAPTCHA" tool is no longer displayed while generating the file and will only be displayed again when the user decides to download a new file.
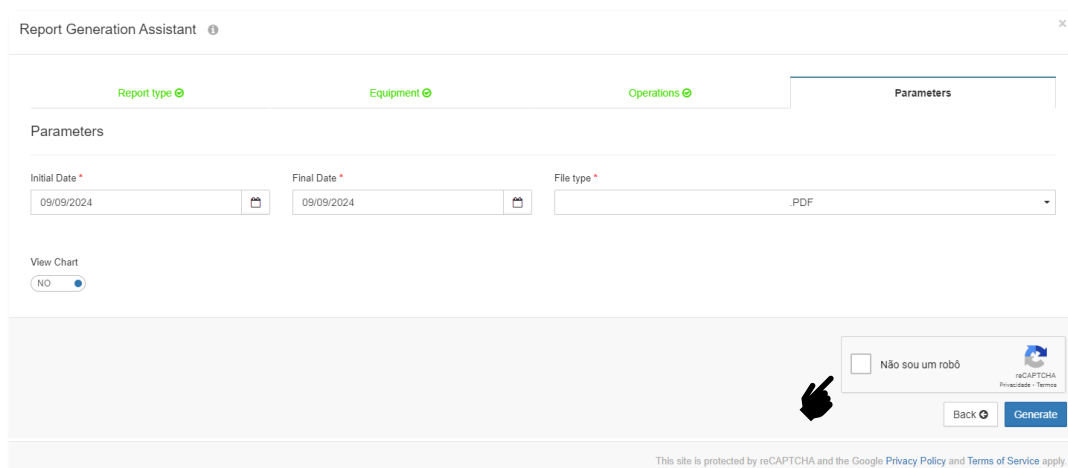

Image 01 – Report Generator displaying "reCAPTCHA" tool before starting file download
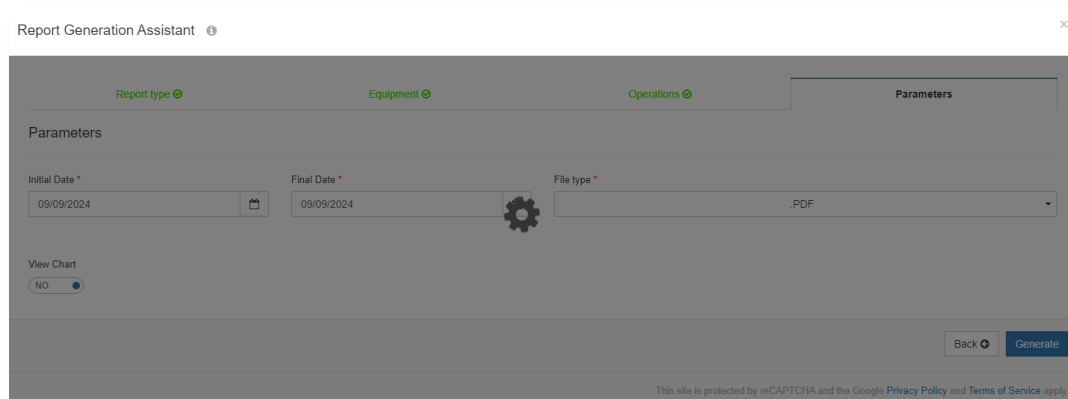

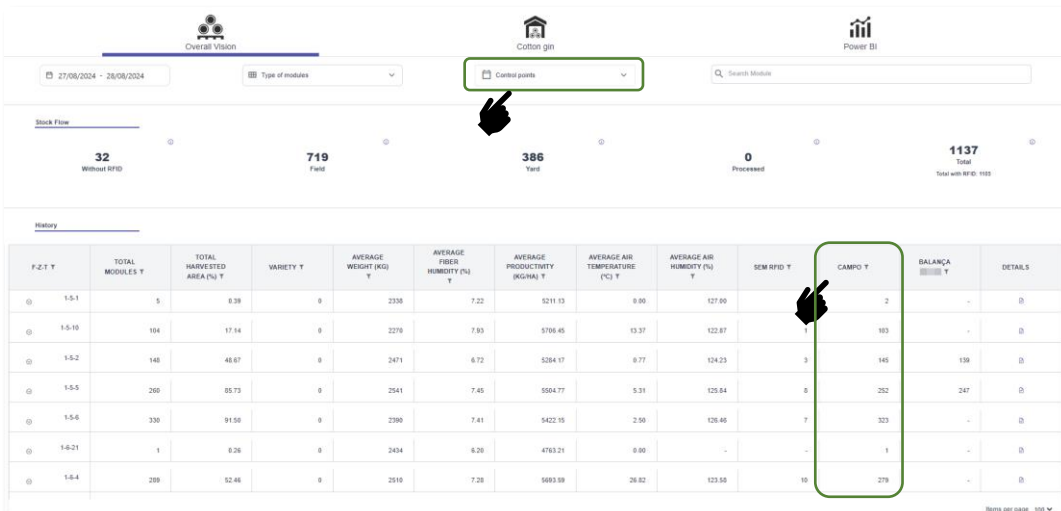Image 02 – Report Generator does not display "reCAPTCHA" during file generation

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💬 Go to Main Menu > Reports > Report Generator

ℹ️ Available for Sugarcane Vertical Environments.

1.1.2 Modules – CDA Pannel

As of this version, the information in the "History" table will follow the following pattern:

• When no option is selected in the "Control Points" filter, the "History" table will be asked to display the data relating to the FIELD column.

• When an option is selected in the "Control Points" filter, the "History" table will be asked to display the data related to the column linked to the selected "Control Points". Example of use case: selection in the "Control Points" filter by the COTTON GIN 1 option and the COTTON GIN 1 column in the "History" table.

Furthermore, adjustment made in order to display data in the sub table columns as selected in the filter, that is, when selecting the **"Classify from A to Z"** option in the filter, the data will be displayed in ascending order and when selecting the **"Classify from Z to A"** option in the filter, the data will be displayed in descending order.

Image 03 – No option selected in the "Control Points" filter and the data referring to the FIELD column.
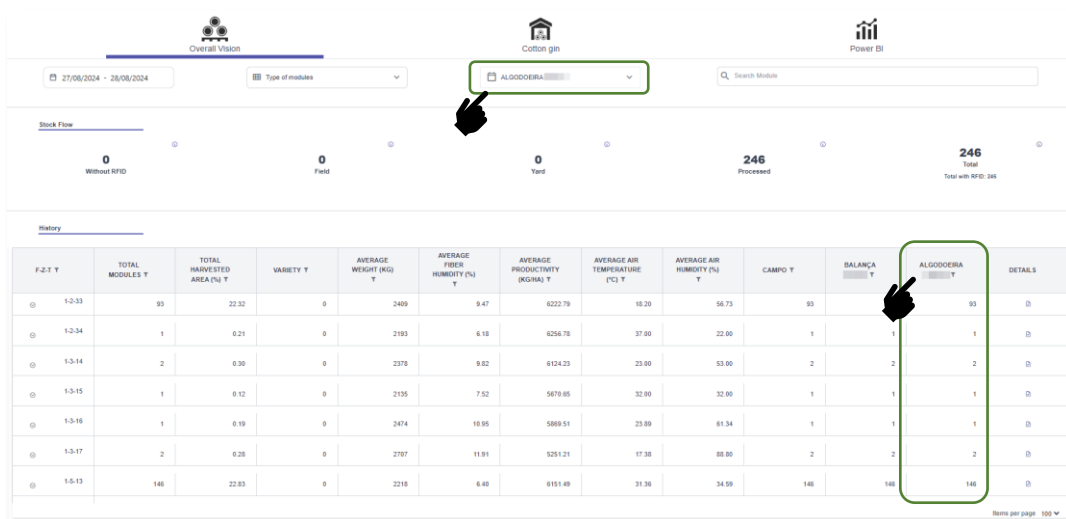
Image 04 – The "Control Points" filter selected, the COTTON GIN option and the COTTON GIN column in the "History" table
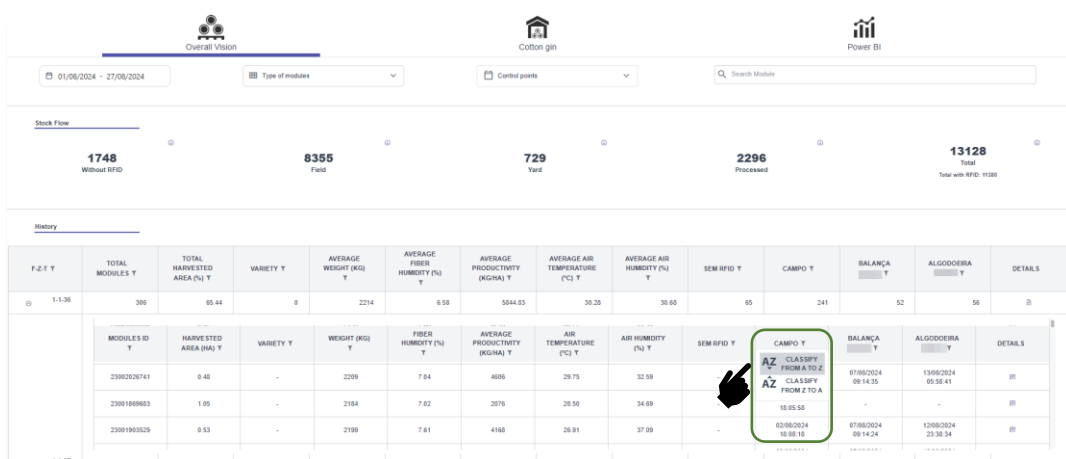
Image 05 – The "Classify from A to Z" option selected in the filter and displaying the data in ascending order
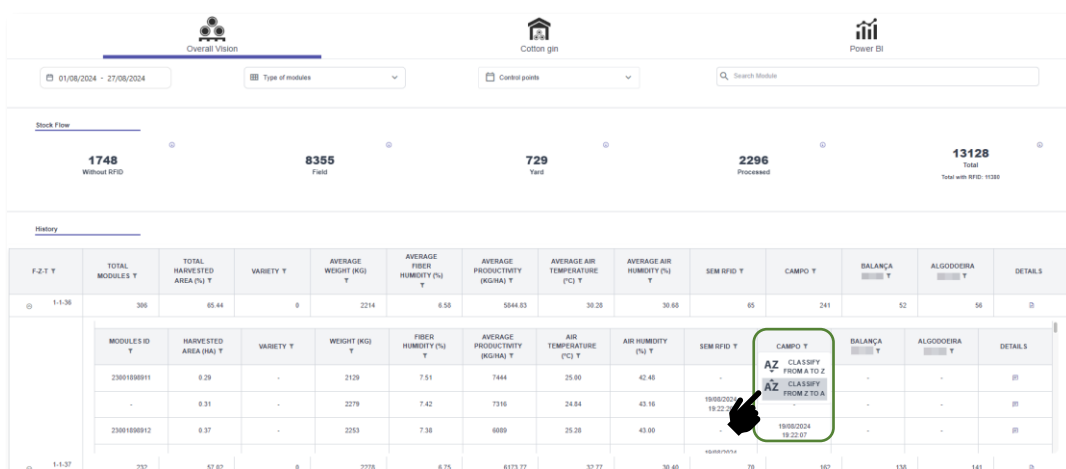
Image 06 – The "Classify from Z to A" option in the filter and displaying the data in descending order

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ℹ️ Available for Grains Vertical Environments that have the "CDA – Digital Certificate of Cotton" solution active. Applied on 09/05/2024.

1.1.3 Records – Operation Parameters

Improvements made to the "Operation Parameters" Registry:

• Implemented the "Probability of Rain" parameter.

• Changed the description of the "Rain" parameter to "Accumulation of Rain".

• Inserted the measurement units for each of the parameters in the "Warning and Alarm Conditions", "Conditions on map" and "Climate Conditions" tabs.

• In the "Conditions on map " tab, a procedure was implemented to fill the minimum and maximum condition fields in ascending order and, when filled in incorrectly, the information message "Values must be in ascending order and must not repeat" will be displayed.

Code	Operation	Temperature	Humidity	Dew point	Leaf moisture	Soil moisture	Accumulation of Rain	Probability of Rain	Wind speed	Options
9999	Aplicacao aerea	No	No	No	No	No	No	No	Yes	✏️ 🗑️
20401	1ª Dessec terrestre ha	Yes	Yes	No	No	No	No	No	Yes	✏️ 🗑️
20402	2ª Dessec terrestre ha	Yes	Yes	No	No	No	No	No	Yes	✏️ 🗑️
20403	3ª Dessec terrestre ha	Yes	Yes	No	No	No	No	No	Yes	✏️ 🗑️
20404	4ª Dessec terrestre ha	Yes	Yes	No	No	No	No	No	Yes	✏️ 🗑️
20405	1ª Aplic de herbicida ha	Yes	Yes	No	No	No	No	No	Yes	✏️ 🗑️
20406	2ª Aplic de herbicida ha	Yes	Yes	No	No	No	No	No	Yes	✏️ 🗑️
20407	3ª Aplic de herbicida ha	Yes	Yes	No	No	No	No	No	Yes	✏️ 🗑️
20408	Aplic herbicida PPI ha	Yes	Yes	No	No	No	No	No	Yes	✏️ 🗑️
20410	Aplicação herbicida ha	Yes	Yes	No	No	No	No	No	Yes	✏️ 🗑️

Image 07 – Initial screen of the "Operation Parameters" registration

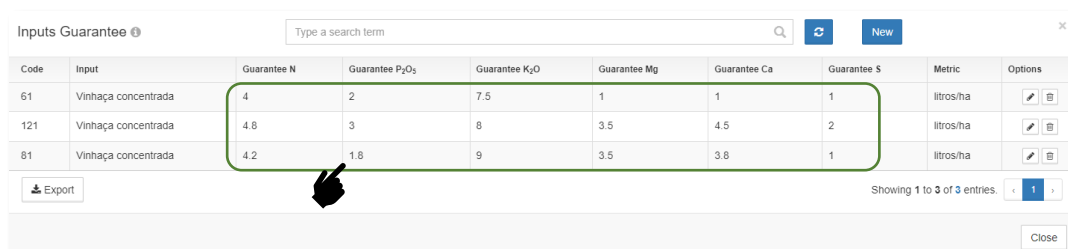Image 08 – Unit of measurement displayed in front of the parameter description

Image 09 – "Conditions on map" tab displaying a message informing about the rules for filling in the fields

💬 Go to Main menu > Records > Operation > Operation Parameters

1.1.4 Records – Inputs Management

Improvement made to the "Inputs Guarantee" Registration to display values without a unit of measurement.

Code	Input	Guarantee N	Guarantee P_2O_5	Guarantee K_2O	Guarantee Mg	Guarantee Ca	Guarantee S	Metric	Options
61	Vinhaça concentrada	4	2	7.5	1	1	1	litros/ha	
121	Vinhaça concentrada	4.8	3	8	3.5	4.5	2	litros/ha	
81	Vinhaça concentrada	4.2	1.8	9	3.5	3.8	1	litros/ha	

Image 10 – Initial screen of the "Inputs Guarantee" registration

💬 Go to Main menu > Records > Inputs Management > Inputs Guarantee

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

1.2 Bugs

1.2.1 Maps – Productivity

Adjustment made to the **Analytical Map** to display data on the "Productivity" Interpolation map, convergent with the "Productivity" Line map.

💬 Go to Top menu > Maps > Line and Interpolation > Productivity

1.2.2 Maps/Monitoring – Meteorology

Adjustment made in the "Weather Graph" to display negative values in the "Temperature (°C)" parameter.

💬 Go to Top Menu > Map/Monitoring > Top menu on map > Meteorology > Weather graph > Temperature

ℹ️ Available for Environments that have the "Weather" solution active

1.2.3 Maps/Monitoring – Meteorology

Adjustment made to the Interpolation "Weather Maps" to not display the data loading bar at the top of the map when the Legend is already displaying the message "No data for the selected date range".

💬 Go to Top Menu > Map/Monitoring > Top menu on map > Meteorology > Weather Maps > Interpolation > Legend

ℹ️ Available for Environments that have the "Weather" solution active

1.2.4 Records – Implements Measures

Adjustment made to the "Implement Measures" registry to not display duplicate records.

💬 Go to Main menu > Records > Equipment > Implement Measures

1.2.5 Records – Station/ Rain Gauge Type

Adjustment applied to the "Station/Rain Gauge Type" registry in order to correctly perform automatic links between Farm/Zone/Field and Meteorological Equipment.

💬 Go to Main menu > Records > Equipment > Station/Rain Gauge type

ℹ️ Available for Environments that have the "Weather" solution active. Applied on 09/09/2024

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