



This is an accumulated description of changes made to GreenPlan recently, which are all contained in version 2021-2, July 2021.

The new functions and facilities are mostly developed on basis of wishes from current users.

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Internal production and consumption of plant material

In the previous versions of GreenPlan production and consumption of a plant material was not connected. In the production report “Plant material account” you could get a balance of production versus consumption, so production could be scaled up or down to match the needs of production.

As there were no bindings “fictive income” occurred for crops producing plant materials that were not consumed. To avoid fictive income, producing crops now earns only for the plant material actually consumed by other crops. This is an internal purchase/bye case and the income for produced plant materials has been removed from the “Sales”-group in budgets.

Sales	Sales revenue
	Cult. revenue
	Sale (gross)

The opposite situation of making fictitious incomes is producing too little, thereby not satisfying the internal demand. In that case the missing plant materials will have to be purchased externally. Previously all plant materials needed for the production were accounted for in the “Production costs”-group in budgets. Now only plant materials not supplied internally occur in this group.

Prod. costs	Plant materials
	License
	Materials

The revenue/cost of matching produced/consumed plant materials now is part of the “Profit margin”-group as “Internal transfer”. Producing crops will occur here with a positive value and consuming crops with a negative value. If all producing and consuming crops are part of the budget, then the value in the “Total” column will be 0 (zero).

Profit margin	Profit margin (gross)
	Internal transfer
	Stock value primo
	Stock value ultimo
	Profit margin (Net)

To make this work, it is assumed that produced plant materials are consumed within the same week. This is version 1 of the model and it is a simplification. Scenarios can easily be made, where this model is not sufficient, but it is a start.

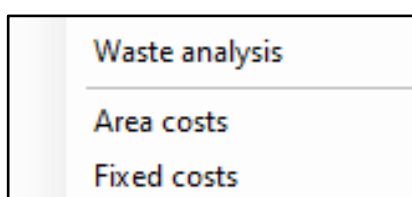
In the next version of the program this model will be extended to bypass the simplification by applying a “sliding balance” technique. This will be explained in detail in the next newsletter.



New analyses have been added

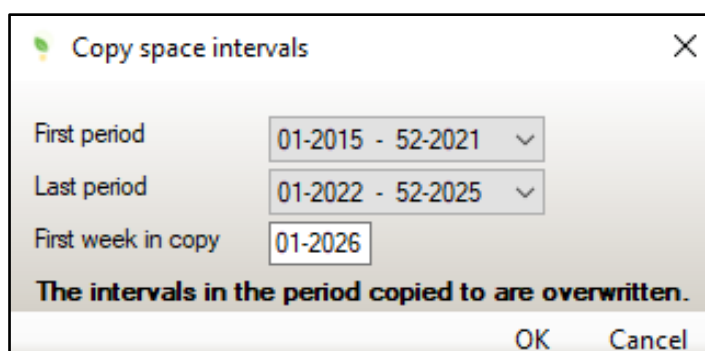
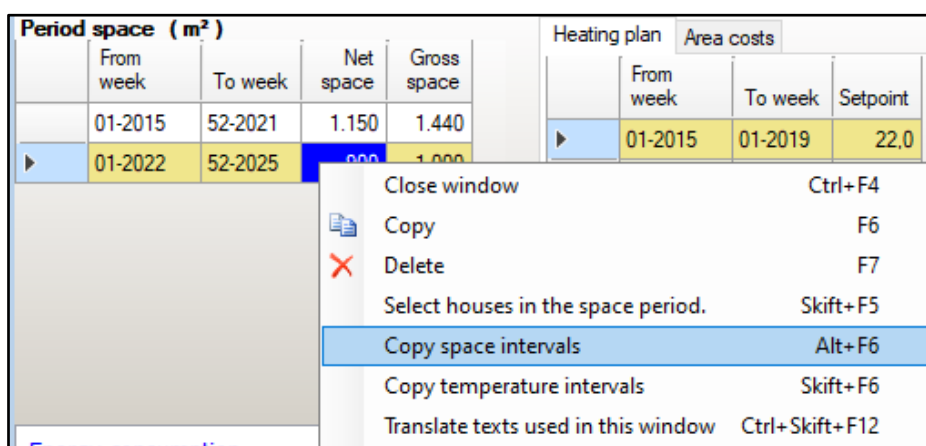
Under “Economy” in the main menu you now have 3 additional analyses:

- Waste analysis. Here the impacts of waste during the production are displayed with the number of plants dumped and their accumulated stock value at the dump time.
- Area Costs. Specification of the area dependant area costs.
- Fixed costs. Specification of the resulting distribution of fixed costs.



New utility functions in the department file

To facilitate maintenance of periodic data in the department file, functions for copying “period space” and “heating plan” have been introduced.





Scaling of fixed costs

Fixed costs can now be scaled per department. This makes it possible to e.g. upscale costs for maintenance in old departments. Or, to downsize costs for stationary machinery in departments having little of that.

No.	Description	Location	Fixed costs factor	Demand for PM/year-m ²
1	Propagation House 1-3	1 Prop.	0,50	600,00
2	Prodction, H1-3	2 Prod.	2,00	400,00
3	Production H4-5	2 Prod.	1,00	500,00
4	Production, H 6	2 Prod.	1,00	500,00
5	Field, H1,H2 ,V1,V2	3 Open fiel1	1,00	50,00
14	Drip House 6	2 Prod.	1,00	1,00
25	Lejet areal	5 Lejet areal	2,00	1,00
50	Propagation House 1-3	1 Prop.	1,00	600,00

Back-up to an e-mail (for a local SQL Server installation only)

To make it easy to send data to e.g., a consultancy bureau, it is now possible to generate an archive containing the backup and attach it to an email. The function requires that the SQL server is situated on the workstation to make the backup at all. It also requires that Microsoft Outlook is installed. After the archive has been created, a new email is instantiated, and the archive is automatically attached. It is the responsibility of the user to fill in a receiver and send the email.

New sort Orders

In the plan file it is now possible to sort the rows according to recipe no. The rows are sorted in Recipe/Crop/Start date order.

It is now also possible to sort the rows according "Label remark".

Finding a specific Plan-ID

Using the unique identifier for a planning line (Plan-ID) can be handy when several similar batches are to be distinguished. The new function "Find Plan-ID" (Shift-F3) takes you right to the line with the ID searched for. The function is only available if the Plan-ID column is visible.



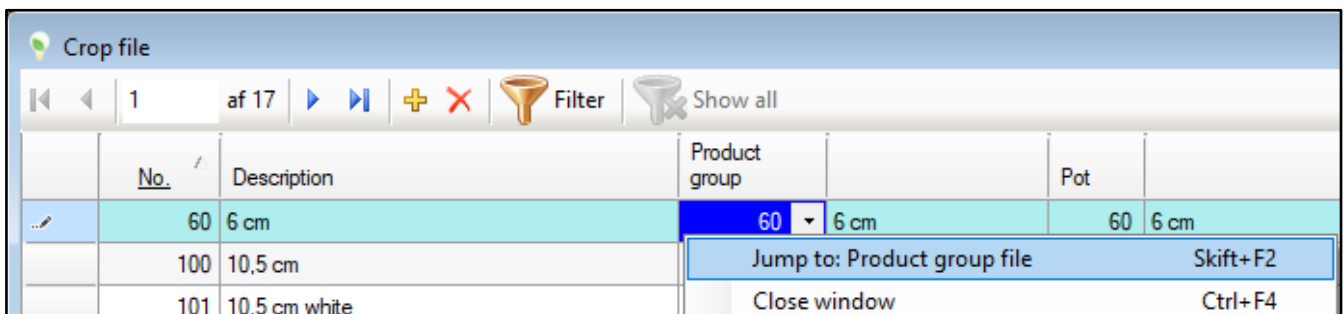
New filtering option

In the plan file it is now possible to filter using the contents in the field "Label remarks". The text entered in "Notes" must be present somewhere in the remark. If e.g. the text "ult" is searched for, then remarks containing the words "culture", "ultimo", "tumult" or "Fulton" will be found.

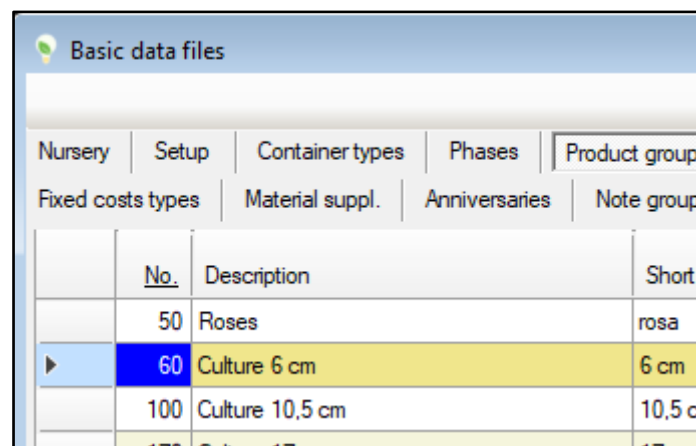
New general function

A new short cut [Shift]+[F2] has been added as a general feature everywhere possible. The function is a "Jump to" function enabling the user to quickly jump to an underlying table. If the current field is a lookup field referring to one of the basic data tables, the corresponding form is shown. If possible, the input focus is placed on the line corresponding to the value in the field. You can select the jump from the context menu as well.

Example:



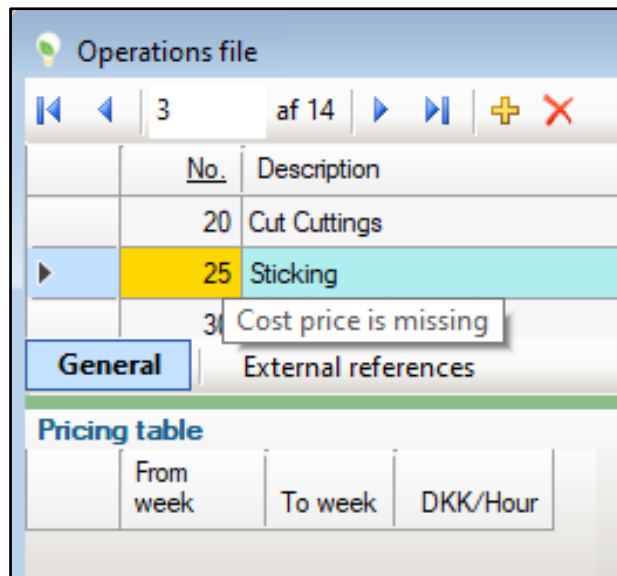
If the focus in the crop file is in the "Product group" column and you press [Shift]+[F2] then the focus is immediately shifted to the Nursery file, the "Product groups" tab is displayed, and the line referred to is selected.





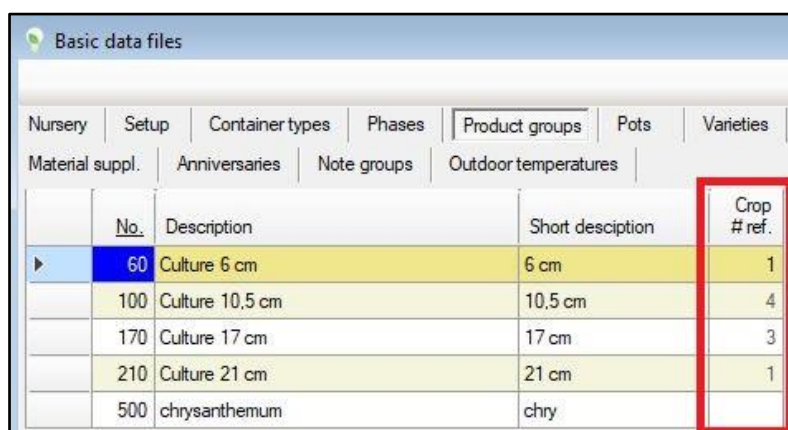
Field colorations explained

Coloration of fields is widely used in GreenPlan when the contents of the field may require the user's attention. Now a "fly by" is displayed when the mouse is moved over the field explaining the cause of the coloration.



New information column

An informational column has been introduced in the tables for Product groups, Pots, Varieties and Colour groups showing the numbers of referring crops.



Crop data reports

The crop data reports have been updated and extended.



Activity list

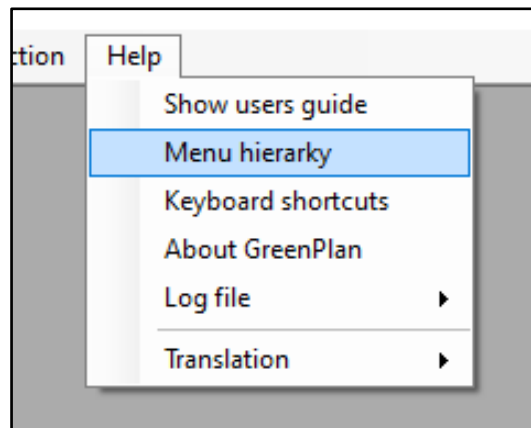
The activity list has been extended and now also includes plant materials.

Pots	*
Order	*
Color groups	†
Materials	0
Plant materials	5100-5170,7250
Operations	10-55,80-99

New user role

A new role has been added to “Users and access control”: “Economy”. To see which parts of the program the new role is granted access to, display the menu hierarchy from the help menu.

Access rights are only displayed if the user control option is active.



Realized sales profiles (PlanControl module)

Realized sales profiles in realized recipes have been updated.

New analysis in PlanControl module

A new plan control analysis for plant materials under “Plan follow up” has been added.