



PlantBalance

Learn faster
Reduce risk

Monitor closely how plants respond
to your crop decisions



Get the most out of your crop!



Make every crop decision count

Every glasshouse and every growing strategy is different. As a glasshouse grower it is important to stay innovative and evolve continuously to keep developing your crops to their full potential. With thousands of crop decisions you make in a season, even a small mistake can lead to missed yield and profitability. PlantBalance supports you in improving your yield with plant-oriented analytics, notifications, benchmarking and decision support. In every stage of the season, we help you realize your growing objectives.

Relevant crop information at your disposal

PlantBalance is a sensor and data solution that continuously monitors plant behavior, and enables early detection on growth issues and fast feedback on your crop decisions. Based on actual data, we support growers to create optimal conditions at the top of the plant where new fruits are setting. Simultaneously we monitor the bottom where ripening fruits are getting ready for harvest.

Your easy-to-use dashboard features selected key variables. You can quickly analyze the underlying drivers of key variables and create custom graphs and visualizations by choosing from more than 100 variables. This makes fact-based analysis and data-driven decisions a lot easier.

Data support from sowing to harvest

Wireless sensors continuously measure fresh weight gain and plant transpiration. Climate computer data, weekly crop registration data and glasshouse configuration data are combined, cleaned, enriched and merged. In this way you can easily access the insights from the data on your personal dashboard.

PlantBalance works with all varieties. When working with De Ruiter varieties you benefit from additional variety knowledge. Your learning curve will be faster due to access to variety-specific data and insights that we collected during product development.

Get the most out of your crop

At the start of the season you can create a variety-specific plan based on our plant growth models, and customized to your location and growing strategy.

You will receive daily updates and notifications to detect potential growth issues as early as possible. In addition, you receive a weekly crop development report to monitor progress. Sharing your data with other crop advisors and crop managers is made extremely easy.

How PlantBalance works for you:

- **Plan:** Create a variety-specific plan in 30 seconds, tailored to your planting date and location, based on a plant growth model developed by the PlantBalance team.
- **Track:** Follow crop progress of more than 20 key variables in clear graphs and tables.
- **Analysis:** Easily create custom charts for specific questions and analysis based on more than 100 variables to choose from.
- **Benchmark:** Compare your data with results from other growers. The data is only visible if you and other growers choose to share them.
- **Notify:** The plan creates a forecast, and compared to the realized crop values, this comparison triggers a notification on your custom dashboard when you deviate from the plan.

Rates and protection of your data

As a grower, you are the owner of your data. You can choose at any point to have your data in PlantBalance deleted. Data from growers will only be shared as identifiable benchmarking data with explicit permission from growers. This can be done anonymously and at a variety or regional level.

PlantBalance comes with a subscription fee per sensor set per year, contact us for current pricing. Sensors are available separately and typically last for 4 to 7 years.



PlantBalance

Want to know more?



Scan QR code to make an appointment
with our team or request a demo.



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