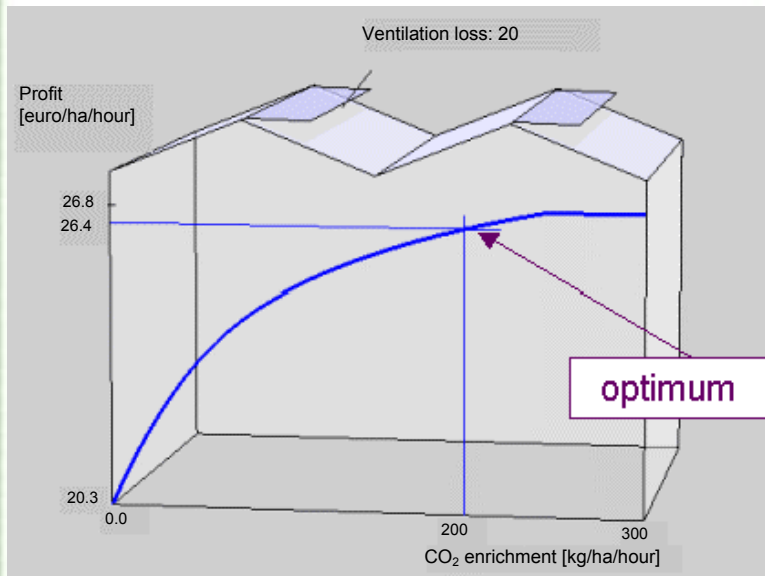


CO₂ Optimizer



- Optimizes the use of CO₂ sources
- Automatically implements results in MultiMa climate computer
- Developed by Wageningen University and HortiMaX



Optimize the Use of Your CO₂ Sources

The HortiMaX CO₂ Optimizer represents the most innovative way of maximizing the efficient use of your CO₂ sources. The CO₂ Optimizer can take into account different types of CO₂ sources, such as flue gasses, CHP units and pure CO₂.



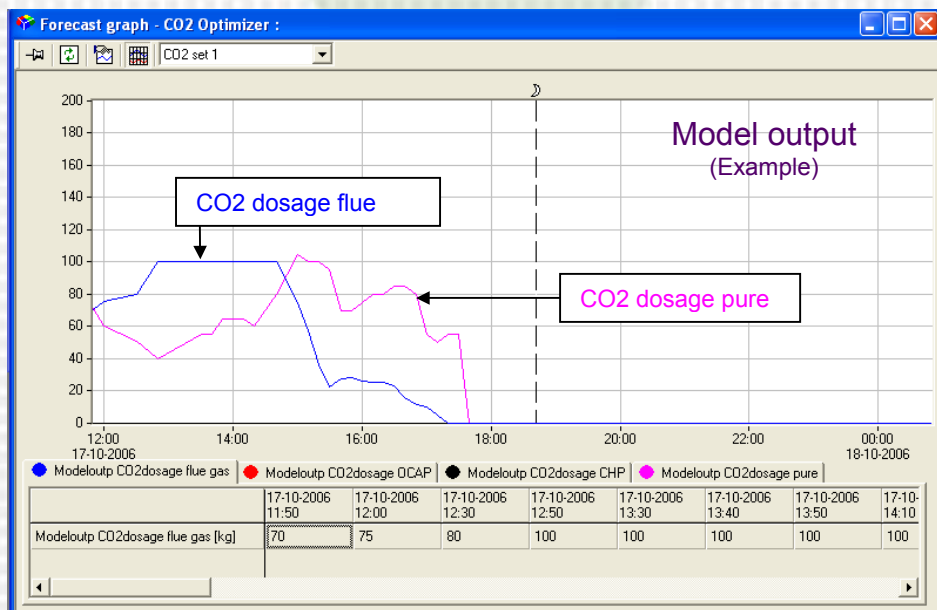
CO₂ Optimizer

The CO₂ Optimizer was developed by HortiMaX BV and PRI (Plant Research International of Wageningen University). The well-known Kaspro simulation model, which has successfully been used in other products, was also used to create the model for the CO₂ Optimizer. The CO₂ Optimizer complements the existing CO₂ control strategy by generating the optimum CO₂ setpoints for the climate computer.

The CO₂ Optimizer calculates the optimum volume of CO₂ to be supplied by the different CO₂ sources in the glasshouse, such as flue gas or liquid sources, throughout the day. This includes constantly weighing the additional cost of CO₂ enrichment against the additional profit which will be generated as a result.

It also takes into account a number of other limiting factors, such as the remaining buffer capacity, lighting, incoming radiation, screening and the weather forecast. The results of the calculations can be automatically implemented in the MultiMa climate computer.

More information





Trädgårdsteknik AB
Helsingborgsvägen 578
262 96 ÄNGELHOLM
Telefon: 0431-222 90
Telefax: 0431-222 70
info@tradgardsteknik.se
www.tradgardsteknik.se