



>> (STEP) 4/4 - Results Calculation Step 2

Produce

Strawberries

Produce age

1 Days

Storage temperature

8 °C

Cut type

Entire

Cut size

30

Average measured RR O₂

2576 ml air/kg.24hr

Average measured RR CO₂

2287 ml air/kg.24hr

Measured at

12.8 °C and 21.6 % O₂ and 0.5 % CO₂

Amount of produce per pack

250 gr

Packed in

Tray30 µm OPP of 0.02 m²

with OTR of unperforated film of

1300 ml air/m².24hr at Temperature 23 °C with RV 100 %

and COTR

3600 ml air/m².24hr at Temperature 23 °C with RV 100 %

Initial O₂ in pack 21 % Initial CO₂ in pack 0.03 %

Final target O₂:MA in pack

10 %

Transmission per pack at storage temperature, required to achieve the target O₂ level using the above given combination

843 ml/pack.24hr

Perfotec laser

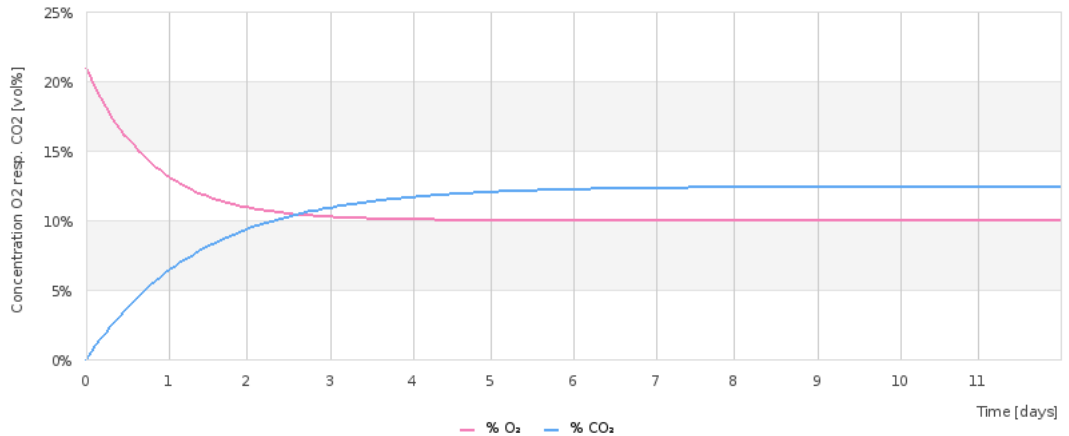
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Predicted O₂ and CO₂ concentrations inside package



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