



HortiFootprint Calculator



Checklist HortiFootprint Calculator

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sustainability



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Unique partnership for impact

The HortiFootprint Calculator was developed by MPS and LetsGrow.com, bringing together world-leading expertise in sustainability and data analysis for the horticulture sector.

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This document provides an overview of the data you need to have at hand to be able to make a footprint calculation in the HortiFootprint Calculator. Are you already an MPS-ABC participant? Then you will already have access to a significant part of this data.

Cultivation Plan

To calculate based on pot size, colour, length, subspecies, etc., it is essential that a separate cultivation section is created in the cultivation plan for each variety requiring calculation.

It is important to decide in advance which products require a footprint calculation, as these products need to be traceable separately in the cultivation plan.

Example: A grower has Dieffenbachia in size 11 and size 17. In the cultivation plan, a separate area must be allocated for both size 11 and 17. If this is not done, it will not be possible to link a separate product label, and thus no individual calculation can be made.

Product

For each product requiring a calculation, a label must be created with the following information:

1. Average length in centimeters
2. Average weight in grams
3. Type of starting material (cutting or young plant)
4. EP-factor calculation: growing time of the young plant and cultivation time at the grower's nursery
5. Percentage of uncovered/covered cultivation
6. Percentage distribution of transport (box/tray)
7. Number of stems per pallet (when transported in boxes)
8. Number of stems per tray
9. Distribution across transport trolleys (when transported in trays)
10. Number of trays per Danish trolley/auction trolley
11. Pot size (for multiple pot sizes in cultivation, create multiple labels)
12. Number of pots per Danish trolley/auction trolley

Company Data

1. Total greenhouse area in m²
2. Breakdown of (green) gas consumption for CHP and other sources
3. CHP capacity
4. Distribution of purchased green energy (solar, wind, hydro or biomass, in percentages)

Consumption

1. Total amount of purchased starting material in kilograms
2. Average distance by plane between supplier of starting material and nursery
3. Overview of substrates used, in kilograms or m³
4. Total amount of packaging materials used (such as pots, sleeves, etc.) in kilograms and type (cardboard, PET pot, PP pot, PP tray, PS pot, PE pot, and others)
5. Total amount of other materials used for packaging in kilograms and type (cardboard, PET, PP, PS, PE, and others)
6. Total amount of transport packaging materials used, in kilograms and type (cardboard, PET, PP, PS, PE, and others)
7. Average distance to the customer from the nursery, broken down by airplane, ship, or lorry.

On our website under the button 'Support' you will find more information about the HortiFootprint Calculator. Do you have any questions? Please contact us.

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