



LIFE CYCLE ASSESSMENT LOWER CO₂ FOOTPRINT OF ECO-EXPERT

An independent Life Cycle Assessment (LCA) was carried out to check the carbon footprint of Modiform's EcoExpert products compared to equivalent single use plastic products.

RESULTS LCA

- EcoExpert has a similar CO₂ footprint to plastic during the production phase;
- EcoExpert has a higher CO₂ footprint during transport (although this is a small part of the overall result);
- EcoExpert has a lower CO₂ footprint taking the end of life into account.

Three end of life scenarios were used; 100% recycled, partly recycled and not recycled. EcoExpert had a lower CO₂ footprint in each scenario. If plastic trays are collected and recycled in an efficient manor then the CO₂ footprint becomes much closer to that of the EcoExpert range.

100% RECYCLED AND RECYCLABLE

Modiform have created and introduced into the horticultural market the EcoExpert range of pots, carry packs and transport trays made from recycled cardboard/carton. The products can easily be recycled through the standard consumer or retailer cardboard recycling system or will degrade quickly in the natural environment.



'TAKING INTO ACCOUNT PRODUCTION, TRANSPORT AND EACH END OF LIFE SCENARIO, ECO-EXPERT HAS A LOWER CARBON FOOTPRINT. WE'RE PROUD TO ACHIEVE THIS'

Shaun Herdsman, EcoExpert, Retail & Industry manager Modiform

CLOSING THE MATERIAL LOOP TOGETHER

Modiform committed to closing the material loop together. By focussing on the end of life of plastic trays the impact on the environment can dramatically be reduced. Therefore we challenge ourselves and our supply chain partners to increase collection and recycling of the plastic products. We're pleased to discuss how a shared return system can be created.

EcoExpert