



Haygrove

SUBSTRATE SYSTEMS

WHY HAYGROVE SUBSTRATE?

As part of our effort to supply customers with complete and sustainable growing systems, Haygrove substrate systems have been integrated in design with the polytunnel, for maximum efficiency and crop output.

- Developed with leading growers and tested on our own farms.
- A combination of our growing experience and a wealth of shared knowledge from our global partners enables Haygrove products to incorporate latest thinking in a fast-moving environment.

INCREASE IN YIELD AND QUALITY

Substrate production allows precision irrigation, improved field hygiene and well-presented fruit. Combined with high quality coir, these factors allow growers to increase the uniformity, yield, and quality of the crop and maximise the return on the investment.

INCREASE LABOUR EFFICIENCY

Labour cost and availability is at the forefront our industry's mind. Substrate grown strawberries have the potential to significantly reduce labour requirement in both harvest and non-harvest operations. Investing in substrate systems has immediate benefits but also prepares conditions to the ever-closer reality of automated picking.

BUILDING THE RIGHT SYSTEM FOR YOUR NEEDS

Depending on the crop you're growing, climate you're farming in and the method you're using, our substrate range provides a variety of options to help maximise yield.

SERVICE AND INSTALLATION

Substrate gutter is delivered to your farm in flat sheet coils and then formed through a machine directly into the support brackets, saving you both time and labour. For smaller projects, gutters can be pre-formed and delivered in connectable sections.

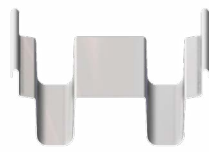


GUTTER PROFILE

The gutter profile is determined by the crop and the grower's choice of bag, trough, or pot. Haygrove offer a range of 3 gutter profiles. The steel gutter is protected by a white polyester coating to prevent corrosion from the irrigation run-off.



A130: A 13cm single drain gutter designed for a 1metre 16 litre or 0.5m 8 litre trough. The narrow gutter means that this profile maximises space between the rows which improves access for picking and is a highly efficient use of material.



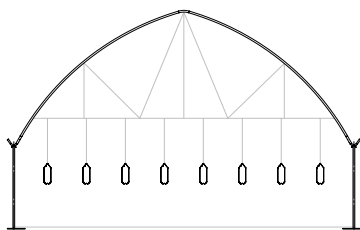
D160: Double Drain Gutter suitable for a 16cm wide bag, a compacted 20cm bag and the majority of 14cm pot shapes. This gutter is a highly efficient use of coil and provides the flexibility to use pot or bag.



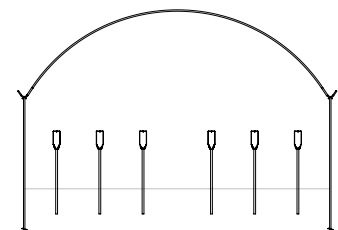
B200: Double Drain Gutter. Haygrove's original 20cm wide design to fit with a 0.5 metre 11 litre trough or 20cm bag. This gutter gives future flexibility and is suitable for trough or bag.

SYSTEM SUPPORTS

Haygrove Substrate Gutters can be supported underneath by a steel support post or suspended from a greenhouse structure or from a polytunnel.



Hanging Support



Post support

Replicating the dense planting which is common in greenhouses, the gutters are suspended by chains from the structural framework of the polytunnel. This design allows growers the flexibility to adjust height and spacing of the gutters, optimising light and planting density for improved growth and yield.

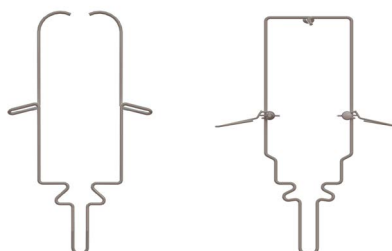
Tabletop gutters can be set up in either polytunnels or open fields. The raised position enhances picking speed and simplifies husbandry tasks. Typically, row spacing is designed to accommodate machinery in a central aisle, allowing spraying equipment to pass overhead. Without overhead obstructions, fleece can also be installed to promote early crop development.

TRUSS SUPPORT BRACKET

A well-positioned truss support prevents strawberry trusses kinking, ensuring fruit is grown to the highest quality. Haygrove have two types of Truss Support Bracket: Fixed and Adjustable.

FIXED TRUSS SUPPORT

The fixed bracket is a simple solution to support fruit laden trusses. As varieties have evolved, truss lengths have increased and so our truss support arms have also widened to maximise yield and quality.



ADJUSTABLE TRUSS SUPPORT

The adjustable bracket gives growers the flexibility to adjust the truss and leaf support heights so the position can be optimised for different varieties.

