



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 time and labour. For smaller projects, gutters can be pre-formed and delivered in connectable sections.



GUTTER PROFILE

Gutter profile is determined by the grower's choice of bag, trough, or pot. Haygrove offer a choice of 3 gutter profiles.



A130: A 13cm single drain gutter designed for a 1m 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.



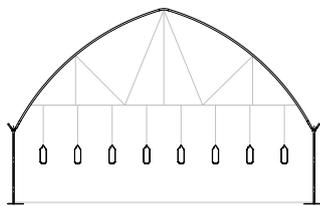
B200: Double Drain Gutter - the original design with a 0.5m 11 litre trough or 20cm bag. This gutter gives future flexibility and is suitable for trough or bag.



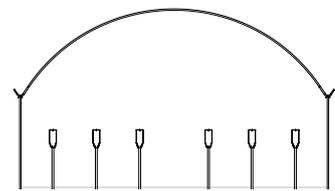
C160: Double Drain Gutter suitable for 16cm wide bag, a compacted 20cm bag and the majority of 14cm pot shapes. This gutter is a highly efficient use of coil and provides the flexibility to use pot or bag.

SYSTEM SUPPORTS

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



Hanging support



Post support

ROW CONFIGURATION

There are three row configuration options. Choosing the right system for you depends on climate, level of solar radiation and crop variety.



SINGLE ROW: Designed to provide a glasshouse quality system for tunnel growers. As an example, this substrate system in an 8.5m wide tunnel delivers 7,050 linear meters per hectare.



DOUBLE ROW: A Double Row system increases cropping density by giving 9,400 linear growing metres per ha. That's 33% more than the single row! The double row system is available as a static or telescopic system. The telescopic option is designed for cooler climates. It can be lowered to cover and overwinter plants to secure the earliest crop, and then raised to increase picking speeds.



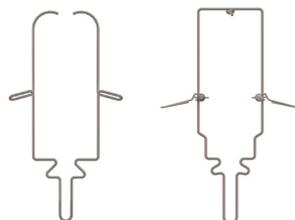
TRIPLE ROW: Designed to maximise cropping density with 14,100 linear growing metres per hectare. The triple row is in a pyramid formation to utilise the available light with a single row raised above a double row. This system is ideally suited to locations with high light levels or growing under artificial lighting.

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.