



Born of the berry growing industry over 30 years ago, Haygrove now supply growing systems to the best growers of over 30 crops in more than 50 countries around the world.

As commercial growers ourselves, we understand the complex challenges presented by climate, geography, crop sensitivities, labour resourcing, market demands and the ongoing development of technology that will reshape our horticultural industry.

Our engineers work with our growers to innovate solutions that are functional, sustainable and profitable.

Our polytunnels, substrate systems and associated technologies are developed and tested rigorously on our own farms to optimise the natural environment for maximum productivity and quality of crop.

As a business we are working strategically to create employment, provide healthy food sources for the world's growing population, and consistently improve environmental standards for the future of our planet.

With our expansive range of products and expertise, we work collaboratively with each of our customers to cultivate their potential, for the long term.

www.haygrove.com



THE COMPLETE OUTDOOR CANNABIS GROWING SOLUTION

Haygrove have specifically engineered polytunnel structures and run-off gutters to provide a functional growing environment for outdoor cannabis.

With options available to be compatible with a range of growing techniques and climatic conditions, our products comply with regulations at an attractive price point meaning our unique offering gives you a complete growing system with a superior return on investment.

Haygrove's field scale package solution for the outdoor cannabis grower:

- High quality Haygrove tunnel using with the latest innovations to optimize strength and functionality.
- Proven venting functionality on a field-scale to manage temperature and humidity, manual or motorized with solar option
- Internal, simple and robust light deprivation system, manual or motorized with solar option
- Available in range of widths and heights to accommodate different crop spacings
- Technology upgrades available such as roller doors to complement production objectives
- Gutters to collect run-off and help manage humidity
- Designed to minimize labor input during the construction phase and operation
- Excellent service and technical support given throughout, with manuals and videos



VENTILATION

Good ventilation is critical to maintain an optimal growing environment. The roll-up sides used in Haygrove tunnels offer excellent ventilation in the warm season.

Reducing temperature with roll-up sides is achieved using passive ventilation. Using the chimney effect, the movement of hot air up and out of the vents, pulls in cooler air. The vents can be operated by both manual and motorized drive systems.

Ventilation is vital to replenish carbon dioxide. Poor air circulation reduces plant activity leading to problems with humidity and disease management. The volume of air needed to circulate to manage temperature in hot conditions is significant.

The venting capacity of greenhouses is measured as a percentage of floor area. Most glasshouses have a venting capacity of at least 25%. A 9m wide Haygrove tunnel has a venting capacity of 33% (excluding sidewall venting as multi-bay).

LIGHT DEPRIVATION

Our bespoke light deprivation system using proven roller tube venting technology.

The blackout screen fits internally to the structure and can be operated with both manual and motorized drive systems. With overlapping layers between the roller screens, Y-pieces, and the sidewall screens excellent light reduction is achieved, meaning almost complete darkness.

The light deprivation system around the perimeter of the greenhouse is specifically designed for the greenhouse ensuring ease of installation as well as minimizing light leakage more commonly found in systems retrofitted to existing hoop houses.

This system is designed for field scale deployment as ground does not need to be perfectly level.



RUN OFF GUTTERS

As part of our complete Outdoor Cannabis Growing Solution, Haygrove supply metal gutters to collect the run off. Effectively managing the run off from the substrate containers is fundamental to managing the humidity within the polytunnel and to meet environmental regulations by responsibly treating the concentrated waste.

The Haygrove gutters are designed with a double drain that prevents twisting meaning that not only are they incredibly stable, there is maximum drainage capacity to remove run-off in an efficient manner.

The metal gutters are coated in a white polyester coating that prevents damage from the corrosive run-off.

Haygrove are able to form the gutters directly into polytunnel. This greatly reduces construction time and there is no chance of leaking, which is an issue when gutters have been constructed in section with multiple joins.

