



**Linear**  
COMPOSITES

Applications **Horticulture and Agriculture**

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**HORTICULTURE CASE STUDIES**

PARAFENCE Shade Hall  
Belgium

Suitable products



**PARAFENCE™ in Horticulture**

**PARAFENCE™** has a proven track record in horticulture and agriculture, where it is used to protect plants and crops from both wind and excessive sunlight. It is also the ideal choice for protecting vulnerable structures, especially glasshouses, from potential wind damage.

**PARAFENCE™ Shade Halls**

Sunlight is necessary to promote photosynthesis in plants, but excessive exposure to intense sunlight at high ambient temperatures can lead to leaf discolouration, wilting and burning. This is particularly true in the early stages of growth. For this reason many plants benefit from a degree of shade and for some it's essential. The development of Shade Halls from **PARAFENCE™** was a simple logical step.

The slatted structure of **PARAFENCE™** ensures that plants growing beneath it receive sufficient sunlight, whilst protecting against over exposure. At the same time there is little or no interference with rainfall, air movement or access by pollinating insects. To maximise the benefits of **PARAFENCE™** Shade Halls the slats should always be aligned in a North – South direction.

**PARAFENCE™** Shadow Halls have been used for many years and experience has shown that improvements in crop yield and quality can be significant. **PARAFENCE™** Shadow Halls have been successfully installed in the UK, Canada, USA, Australia, New Zealand, Saudi Arabia and many other countries.

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**PARAFENCE™ in Agriculture**



High wind speeds during winter causes very low wind chill temperatures which cause extreme stress conditions for cattle. When subject to very low temperatures cattle require significantly more food to maintain core body temperature and are also more susceptible to latent diseases and other health problems. Research has found that cattle sheltered by windbreaks require 12% less food than cattle directly exposed to winter winds.

The **PARAFENCE™** windbreak system significantly reduces the wind speed within the protected zone. Reducing wind speed directly reduces the wind chill temperature, thus reducing the amount of extra food cattle must eat to maintain core body temperature.

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