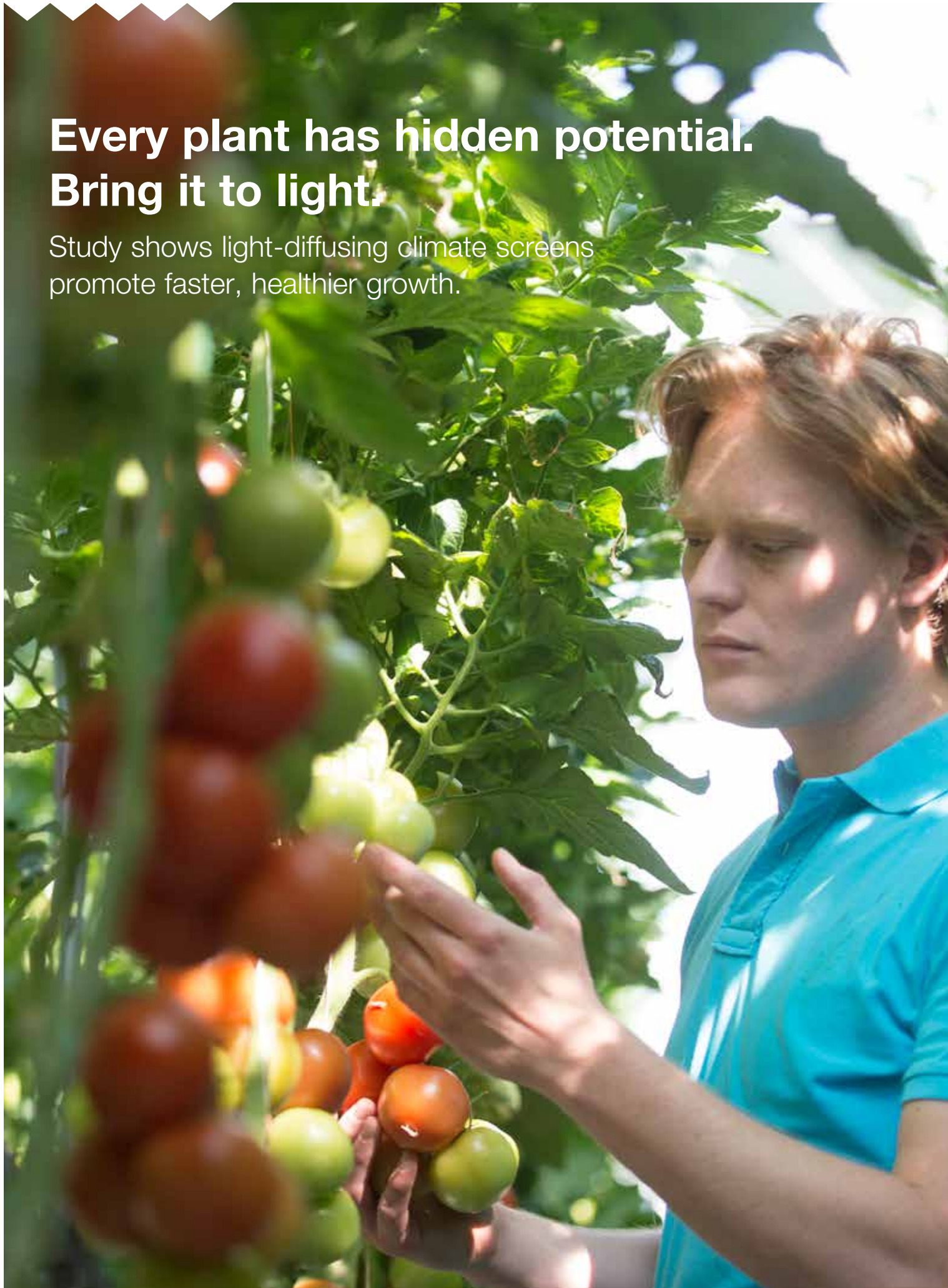


Every plant has hidden potential. Bring it to light.

Study shows light-diffusing climate screens promote faster, healthier growth.



The results are in. Investing in the right climate system yields **big rewards**

A recent study showed that a greenhouse using a Svensson Harmony light-diffusing climate screen yielded 25% more marketable produce than a whitewashed greenhouse that was otherwise identical.

Is one shading method better for your plants than another? To find out, the IFAPA research institute measured the light, temperature, and production levels of two tomato-growing greenhouses over 122 days. The only variable was how the greenhouses were shaded: one used a Svensson Harmony light-diffusing climate screen and the other was whitewashed.

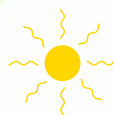
The results were conclusive. At the end of the growing cycle, the whitewashed greenhouse yielded 9.9kg of marketable tomatoes per square meter, while the Harmony greenhouse yielded 12.4kg per square meter – an increase of 25%.

Here's why

The Svensson Harmony climate screen was retractable, providing high-grade light diffusion only when it was needed. Unlike the whitewash, the screen could be opened in the early morning and late afternoon to let in more gentle light. And when the screen was closed at midday, its Harmony strips blocked intense radiation and scattered soft light evenly throughout the greenhouse. The flexibility to get both more direct gentle light and high-grade light diffusion led to faster growth and healthier plants.

The whitewash couldn't offer that same level of control. Fixed in place, it blocked out valuable light and weakened growth.

To get the most out of your greenhouse, you need a climate system that works with the sun to give your plants the right light – all day long. Contact us to learn more about the study. And if you like, we'll be happy to help you discover the potential of your greenhouse too.



Faster growth

27.9%

more PAR-light



Healthier plants

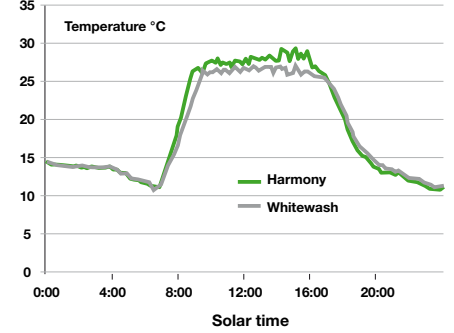
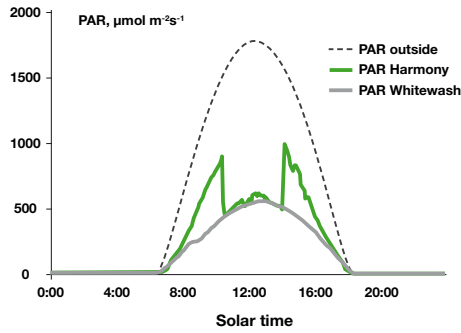
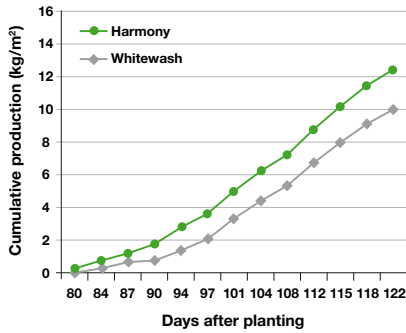
25%

more marketable produce

87%

of the produce was the ideal size





Yield

Crops grow faster in the Harmony greenhouse, yielding 25% more marketable produce by day 122.

- Harmony Climate Screen
- Whitewash

Light

The Harmony screen makes better use of light all day long. On a bright spring day, it is opened in the early morning and late afternoon to let in more gentle light. At midday, the screen is closed. Its Harmony strips block intense radiation and scatter high-grade light evenly throughout the greenhouse. The result is healthier plants that grow faster.

Temperature

On a clear March day, the Harmony greenhouse is slightly warmer but never exceeds 30°C (86°F) – even when the outside temperature is at its peak.



25%
more marketable produce

Harmony light-diffusing climate screen vs. whitewash

Test period

Spring-cycle tomato crop
(March 1–June 30, 2013) in Almería, Spain

Setup

Two greenhouses, identical in every way except for their shading systems. Same soil, ventilation, number of plants, and cultivation methods.

Conditions

The Harmony screen was opened and closed throughout the day according to outside temperature and radiation levels. The painted-on whitewash was fixed in place.

Cultivation is in our DNA

Ludvig Svensson is a family-owned textile company. We have grown over the decades and today our climate screens are sold around the world. As family-business owners, we're deeply familiar with the hard work, dedication, and patience it takes to nurture a simple idea until it matures and eventually bears fruit. And we bring that same passion to our customers' businesses, offering carefully designed and highly functional textiles, know-how, and – above all – a commitment to improving the lives of both people and plants.