



Harvesting fresh tomatoes through the winter months

The fresh tomatoes and lettuce grown at Gull Valley Greenhouses in Blackfalds, Alberta, are a favorite of shoppers at local farmers markets in the Edmonton area. Which is why Phil Tiemstra and his son, Levi, decided to capitalize on the demand for Gull Valley's product with winter production. With the installation a full LED solution (toplighting and interlighting), the Tiemstra's are now able to offer a plentiful supply of freshly harvested tomatoes through the dark months of winter.

“

The interlights lower in the crop canopy... **a big bang for your buck.**”

Phil Tiemstra
Gull Valley Greenhouses

Grower

Gull Valley Greenhouses
Blackfalds, Alberta, Canada

Philips Horti Partner

Paul Boers, Inc.

Situation

Gull Valley Greenhouses identified a market opportunity to supply local farmers markets with locally grown tomatoes through winter months

Lighting Solution

100% LED solution: a combination of Philips LED double-line interlighting and LED toplighting to produce total light of 204 $\mu\text{mol/s/m}^2$

Benefit

Increased winter production of Beefsteak, Cherry, and TOVs

