

Controlled Environment Agriculture

A Faster Way to Grow



Giving seeds the perfect day. Every day.



Micro-greens for fodder are grown in multiple tower gardens that represent 1,200 acres (485 hectares) of conventional crop farming in this 100% blacked-out, environmentally controlled facility.



Optimizing water, energy, space, capital and labor.



- Designed for high humidity growing environments
- Better overall envelope complete with R-30 plant based fiberglass insulation
- Extreme air tightness maximizes energy efficiency
- Installed in a fraction of the time of conventional construction

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Controlled Environment Agriculture

A Faster Way to Grow
Engineered & Manufactured by Sprung Instant Structures



Sprung Campus
On-site Greenhouse
Calgary, Alberta
40' wide x 105' long
(12.2m wide x 32m long)

Vegetables are locally grown and free of pesticides in a year round controlled environment.

- The construction method allows for faster assembly times with lower initial investments
- Sprung's highly translucent membrane provides diffused lighting for optimal growing conditions and backed by a 10 year membrane guarantee
- Minimal air loss, extreme air tightness combines with solar gain, and passive solar technologies to dramatically reduce energy costs



Rocky Mountain
Shrimp Farm
Strathmore, Alberta
60' wide x 150' long
(18.2m wide x 45.7m long)
8' leg extension (2.4m)

Alberta's first shrimp farm located in land locked Alberta is thousands of miles from any ocean.

- No antibiotics, pesticides or preservatives
- Low in calories, high in protein
- Loaded with key nutrients
- Great tasting

"Our shrimp are loaded with all of the things you want and none of the things you don't. We never use antibiotics, harsh chemicals or preservatives and only feed premium domestically sourced feeds."



Regina Food Bank
Regina, Saskatchewan
Controlled
Environment Agriculture
40' wide x 65' long
(12m wide x 19.8m long)

The Regina Food Bank is best known as a place that collects and distributes food, and is now also growing its own fresh produce. Regina Food Bank provides fresh greens from their environmentally controlled Sprung structure using LED Lights and 48 garden "towers". The towers are planted with broccoli, chinese cabbage, and other vegetables. The food bank grows healthy food for its clients and community partners 12 months of the year.



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