

LUMINANCE[®]



High tunnel films were first used in the late 1980's, originally developed for raspberry growing; they have since been applied to many other crops. It is a system that uses a greenhouse concept for growing crops but in an open field system, without the full expense of a greenhouse.

LUMINANCE[®] from AT Films, Inc. has been specially engineered to give you the results you want from a high tunnel film.



LUMINANCE[®]

High Tunnel Film


LUMINANCE[®] BENEFITS

- Lowers greenhouse temperature by as much as 9° F when compared to standard film
- Produces higher-yielding plants with stronger than normal root systems
- Less demand for watering
- Inhibits fungus spore development
- Inhibits insect propagation
- Comfortable working conditions during harvest season
- Prolonged growing season
- Earlier Harvest: Earlier harvests have been recorded, by up to three weeks
- Higher crop yield and higher first quality crop yield:
There have been noted increases of 30%-40% in total crop yield, with a higher percentage first quality crop yield that have reached 85% on some crops
- Guaranteed harvesting days:
Due to the LUMINANCE[®] acting as a cover from the weather, there will be no rain delays in harvesting.

"We've Got You Covered"

Registered to ISO 9001 Standards by SAI-Global



 100% recyclable

AT Films Inc.
P.O. Box 836 Station Main
Edmonton, AB, Canada T5J 2L4
www.atfilmsinc.com

Toll-Free: 1-800-661-3606
Phone: (780) 450-7760
Fax: (780) 450-7777
Email: info@atfilmsinc.com



LUMINANCE®

- Diffused, light reaches plants from many different angles
 - Diffusion prevents the crops from being scorched
 - Par light transmission remains the same
 - Bee friendly
 - 3 Year Film
 - 6 Mil
 - 100% FDA compliant.
- Meets all animal and human food standards.

ADR

- Bee friendly
- 3 Year Film
- 6 Mil
- Has higher diffusion for Southern regions of North America
- Beneficial for raspberries and blackberries
- 30% white
- 100% FDA compliant. Meets all animal and human food standards.

PRODUCT COMPARISON

Properties	LUMINANCE®	DURAFILM® SD4
Light Transmission PAR	87%	91%
Thermicity* (ability to hold heat)	85%	60%

SOME TYPICAL FIELD CROPS GROWN UNDER HIGH TUNNELS ARE:

- Tomatoes
- Herbs
- Flowers
- Nursery Stock
- Strawberries
- Potted Plants
- Blackberries
- Chilis
- Redcurrants
- Egg Plants (Aubergines)
- Blackcurrants
- Raspberries
- Peppers
- High Value Salad Crops
- Cherries
- High Value Vegetable Crops
- Plums
- Zucchini (Courgette)
- Melons

CONFIDENCE IN QUALITY

AT Films Inc. endorses every foot of film with our logo and film type.

AT Films' LUMINANCE® High Tunnel Film is a custom product available in a variety of sizes. Please contact your AT Films, Inc. sales representative or customer service department for production requirements and minimums.

"We've Got You Covered"

Registered to ISO 9001 Standards by SAI-Global



AT Films Inc.
P.O. Box 836 Station Main
Edmonton, AB, Canada T5J 2L4
www.atfilmsinc.com

Toll-Free: 1-800-661-3606
Phone: (780) 450-7760
Fax: (780) 450-7777
Email: info@atfilmsinc.com



LUMINANCE

