



## CNG PAPERLESS COLLATERAL

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**SOLAR SHRINK**  
(CNG)

# SOLAR SHRINK® MULCH FILM



## The Next Generation of Mulch Film

### The Tougher, Tighter, Lighter, And More Sustainable Mulch Film Solution

Solar Shrink is manufactured up to 50% thinner than conventional mulch products, enabling increased laying efficiency and less plastic per foot, minimizing environmental impact and saving man hours per acre.

The extraordinary strength of Solar Shrink permits reduced plastic usage, justifying the employment of premium raw materials, without trying to cut costs by using cheap and weak fillers. Our high quality polymers and chemical resistant UV stabilizers ensure your mulch film remains strong all season long.

### Solar Shrink is:



#### TIGHTER

Solar Shrink Mulch tightens upon exposure to sunlight, "hugging" the growing bed, preventing heat loss from the soil.



#### SMARTER

It's the ONLY mulch film that shrinks in the sun, preventing damage to plants caused by wind flapping the plastic.



#### LIGHTER

Lighter film allows more feet per roll, less downtime and faster application.



#### STRONGER

Our patented manufacturing process increases tensile properties, allowing Solar Shrink® Mulch to be retrieved by machine.



#### GREENER

Uses less plastic, fuel, labor, and time and less plastic is sent to landfill.



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## THE SMART SOLUTION TO LOOSE MULCH

Solar Shrink<sup>®</sup> Mulch is a patented, innovative agricultural mulch film that actually shrinks in the sun.

Existing mulch films can be thick, soft, and weak and permit laying only under the right conditions and at the right tension to enable the product to be laid correctly the first time.

Solar Shrink<sup>®</sup> Mulch shrinks at low temperatures, which means the film tightens as it is exposed to the sun.

Because Solar Shrink<sup>®</sup> Mulch tightens after it is laid, farmers are able to lay the mulch with less brake and reduced tension, minimizing laying time and using less fuel and labor in the process.

### The unique production process and formulation of Solar Shrink<sup>®</sup> Mulch:

- ✔ Increases its strength by up to 300% when compared to other mulch films;
- ✔ Use LESS plastic raw material, allowing it to be made lighter;
- ✔ Being lighter allows for more feet per roll, saving time on roll changeovers;
- ✔ Allows a greater transfer of heat to the soil as the film tightens on the bed.



## PROBLEMS WITH EXISTING MULCH FILM



### Difficult to Lay

Current products are made thicker using more polymer requiring skilled labor to effectively lay in all conditions.



### Damages Plants

Current products expand in the sun, loosen on the bed and flap, causing damage to plants, increasing disease opportunity and reducing heat transfer to soil. This decreases yields.



### Difficult to Lift

The overall cost of using mulch film is dramatically increased if the film degrades and is difficult to retrieve.



### Disposal is Costly

Film retrieved from fields is transported by truck to landfill sites where disposal costs are paid by weight. The additional thickness of film adds to the final cost.

