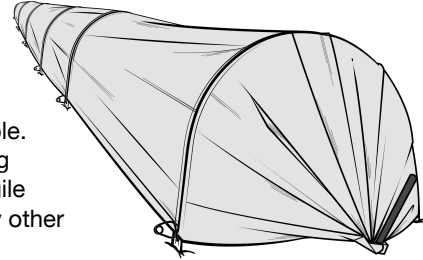


## Frost Fighter®

### **Product Overview:**

Frost Fighter® is a high-quality polypropylene, spun-bound row cover made with UV stabilizers and is permeable to light, air, and water. It's designed to work perfectly with the Kwik Hoops® system or to be laid directly on crops as "floating row cover." Multiple protection levels available. Depending on the level, you can expect use for up to three or four growing seasons if treated and stored gently. Its primary function is protecting fragile crops from frost as a season extension strategy, but it also provides many other benefits.



Standard rolls are 120 feet long to accommodate both 100-foot and 50-foot bed systems. A grower using a 50-foot-long bed system would cut the roll in half and still have five feet of extra material on each side of the bed to close the low tunnel's ends. Growers using a 100-foot bed system will likely want to trim the excess length.

### **Uses:**

- Protection from frost (18gsm and above)
- Protection from insects, birds, and animals
- Protection from sun and wind damage
- Protection from drying conditions; conserves water by reducing evapotranspiration
- Acceleration of germination

### **Specifications:**

- Convenient roll sizes designed for a 30-inch bed system:
  - Standard Roll: Single bed width and 120 feet long (designed to fit perfectly with Kwik Hoops®)
  - Large Roll: 10 feet wide by 560 feet long
- Recommended overhang amount at each end of the bed:
  - 5 feet when using hoops
  - 3 feet when laid directly on the crops
- Made from UV-stabilized polypropylene
- If handled and stored properly, should last between three and four seasons, depending on level

### **Level 1- 0.45 oz - 15gsm - Row Cover**

- Frost Protection: Minimal - less than two degrees. Primarily used for insect protection while providing a wind buffer.
- 90% light transmission
- Fabric weight: 15gsm (grams per square meter) ~ 0.45 oz/yd<sup>2</sup>
- Equivalent to products such as "AG-15"
- Treat gently to avoid tearing fabric.
- UV treated and should last up to two seasons when handled and stored carefully. Less durable than InsectaNet.

### **Level 2- 0.55 oz - 18gsm - Frost Blanket**

- Frost Protection: Standard - keeps temperatures 2 to 4 degrees higher than outside conditions, creating an excellent microclimate for plant growth.
- 85% light transmission
- Fabric weight: 18gsm (grams per square meter) ~ 0.55 oz/yd<sup>2</sup>
- Equivalent to products such as "AG-19"
- Treat gently to avoid tearing fabric.
- UV treated and should last up to three seasons when handled and stored carefully.

### **Level 3- 0.90 oz - 30gsm - Frost Blanket**

- Frost Protection: Medium - keeps temperatures 4-6 degrees higher than outside conditions and creates an excellent microclimate for plant growth.
- 70% light transmission
- Fabric weight: 30gsm (grams per square meter) ~ 0.90 oz/yd<sup>2</sup>

- Equivalent to products such as "AG-30"
- Treat gently to avoid tearing fabric.
- UV treated and should last up to four seasons when handled and stored carefully.

**Level 4- 1.50 oz - 50gsm - Frost Blanket**

- Frost Protection: Heavy - keeps temperatures 6-8 degrees higher than outside conditions. Used for heavy freeze protection.
- 50% light transmission
- Fabric weight: 50gsm (grams per square meter) ~ 1.50 oz/yd<sup>2</sup>
- Equivalent to products such as "AG-50"
- Treat gently to avoid tearing fabric.
- UV treated and should last up to four seasons when handled and stored carefully.

**Level 5- 2.0 oz - 70gsm - Frost Blanket**

- Frost Protection: Standard - keeps temperatures more than 8 degrees higher than outside conditions. Used for overwintering in very cold climates.
- 30% light transmission
- Fabric weight: 70gsm (grams per square meter) ~ 2.0 oz/yd<sup>2</sup>
- Equivalent to products such as "AG-70"
- Treat gently to avoid tearing fabric.
- UV treated and should last up to four seasons when handled and stored carefully.