

# **Pro**tek**Net**



THE EFFECTIVE ECOLOGICAL WAY  
**TO PROTECT YOUR CROPS**  
AGAINST PESTS

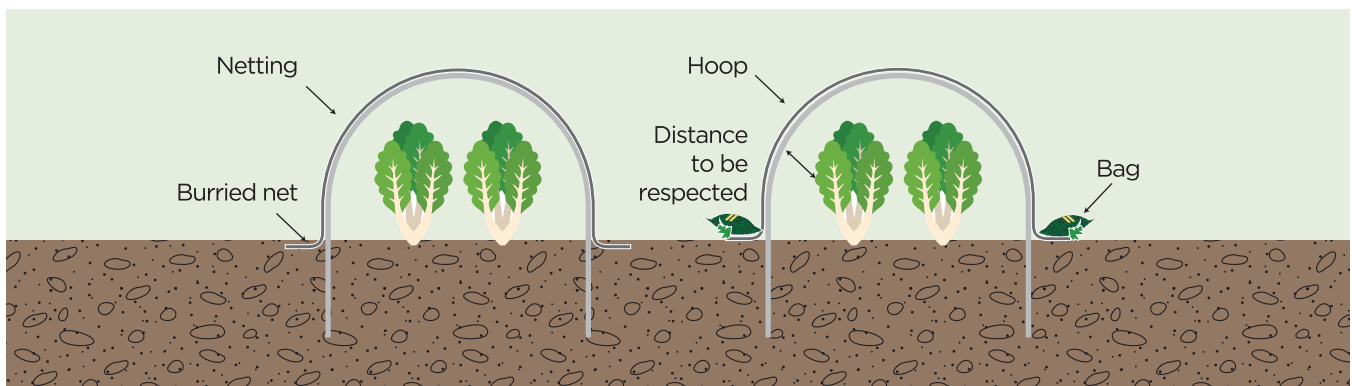
# THE PRODUCT

Ideal to eliminate or reduce the use of pesticides, ProtekNet is the only effective ecological way to protect your plants against insects.



Available in several sizes and meshes, the ProtekNet insect netting can be adapted to any type of application. Very versatile, it can be used in fields, in large tunnels or in greenhouses.

The net is placed directly on the plants or on hoops for best results. The ProtekNet net can also be used as a substitute for plastic film in the composition of greenhouses, caterpillar tunnels and large tunnels.



# THE FACTS



## Air permeability

Climatic effect:  
the plant benefits from  
more air

Little temperature rise

Better regulated humidity  
(less disease)



## Light

Very small shading effect,  
therefore practically no  
reduction of light

Many wires in the net act as  
elements of light scattering

Less risk of burns or  
upstream growth



## Environment

Limits the use of  
phytosanitary products

Reduces pesticide  
expenses

Significant increase in fruit size\*  
Significant increase in the quality of healthy fruit\*\*  
Significant reduction in incidence of frost damage\*\*  
Significant reduction of pests\*\*

## Higher caliber for crops like:



**Less Disease**

## Less Damage for:



**More Healthy Fruit**

\*Source: "Évaluation de filets d'exclusion contre la drosophile à ailes tachetées en bleuétière au Québec" IRDA-1-13-1641



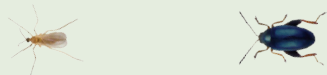





\*\*Source: "Évaluation de la technique d'exclusion par filets dans deux vergers de pommiers du Québec" Gérald Chouinard - IRDA

# THE NETS



## Different needs call for different net!

Considering the insect to fight, lighting, shading effect and water permeability, you will want to select the net that allows you to get the best conditions to your crop, while effectively protecting it. Here are the different ProtekNet types of nets based on weights and the most popular insects from which they offer protection.

Type	Utilisation	Protects against (Insects are not to scale)
<b>17 g</b> KNITTED	Field Utilisation	Tarnished Stink Bug 
<b>25 g</b> KNITTED	Field Utilisation	Thrips and Aphids 
<b>47 g</b> KNITTED	Field & Greenhouse Utilisation	Swede Midge and Flea Beetles 
<b>55 g</b> KNITTED	Field Utilisation	Japanese Beetle, Ladybugs and Wasp 
<b>56 g</b> KNITTED	Greenhouse Utilisation	Flea Beetles, Aphids and White Fly 
<b>60 g</b> KNITTED	Field & Greenhouse Utilisation	Chrysomelid, Cabbage Root Fly and LadyBugs 
<b>70 g</b> KNITTED	Field & Greenhouse Utilisation	Spotted Wing Drosophila and Aphids 
<b>70 g</b> WOVEN	Field Utilisation	Thrips and Aphids 

\*These insects are shown for information only. Please refer to the specifications table for more details.

# SPECIFICATIONS

! Available in Qc & Ont only

Features	ProtekNet 17 g	ProtekNet 25 g	ProtekNet 47 g	ProtekNet 55 g	ProtekNet 56 g	ProtekNet 60 g	ProtekNet 70 g	70 g
Mesh size	0,85 mm X 0,85 mm 0.0335" X 0.0335"	0,35 mm X 0,35 mm 0.0138" X 0.0138"	0,5 mm X 0,75 mm 0,0197" X 0,0295"	5 mm X 3 mm 0.19" X 0.12"	0,25 mm X 0,73 mm 0.0098" X 0.0287"	1,2 mm X 1,9 mm 0.05" X 0.07"	0,85mm X 1,4 mm 0.0335" X 0.0551"	0,35mm X 0,25 mm 0.0137" X 0.0098"
Material	Polyamide	Polyamide	Polyoléphine	High Density Polyethylene	Polypropylene	Polyethylene	Polyethylene	High Density Polyethylene
Weight	17 g / m <sup>2</sup> 0.056 oz / ft <sup>2</sup>	25 g / m <sup>2</sup> 0.082 oz / ft <sup>2</sup>	53 gr / m <sup>2</sup> 0,174 oz / ft <sup>2</sup>	55 g / m <sup>2</sup> 0.18 oz / ft <sup>2</sup>	56 g / m <sup>2</sup> 0.184 oz / ft <sup>2</sup>	60 g / m <sup>2</sup> 0.197 oz / ft <sup>2</sup>	70 g / m <sup>2</sup> 0.230 oz / ft <sup>2</sup>	70 g / m <sup>2</sup> 0.230 oz / ft <sup>2</sup>
U.V. Treated	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Porosity	≈ 80%	≈ 62%	≈ 75%	≈ 90%	≈ 70%	≈ 80%	≈ 75%	≈ 70%
Light Transmission	≈ 93%	≈ 91%	≈ 88%	≈ 75% to 80%	≈ 93%	≈ 92%	≈ 92%	≈ 90%
Color	Clear	Clear	Clear	White	Clear	Clear	Clear	Clear
Lifespan*	1 - 2 Seasons	3 Seasons	4 Seasons	8 Seasons	5 Seasons	8 Seasons	8 Seasons	4 Seasons
Design	Knitted	Knitted	Knitted	Knitted	Knitted	Knitted	Knitted	Woven

Insects	ProtekNet 17 g	ProtekNet 25 g	ProtekNet 47 g	ProtekNet 55 g	ProtekNet 56 g	ProtekNet 60 g	ProtekNet 70 g	70 g
Aphids		X	X		X			X
Armyworm	X	X	X	X	X	X	X	X
Bown Marmorated Stink Bug	X	X	X		X	X	X	X
Cabbage Root Fly	X	X	X		X	X	X	X
Carrot Rust Fly		X	X		X			X
Chrysomelid	X	X	X		X	X	X	X
Corn Borer	X	X	X		X	X	X	X
Flea Beetles	X	X	X		X			X
Japanese Beetle	X	X	X	X	X	X	X	X
Ladybugs	X	X	X	X	X	X	X	X
Leafhopper	X	X	X		X		X	X
Leek Moth		X	X		X			X
Nymph		X			X			X
Onion Maggot	X	X	X		X	X	X	X
Sawfly	X	X	X		X	X	X	X
Seedcorn	X	X	X		X	X	X	X
Spotted Wing Drosophila	X	X	X		X		X	X
Squash Bug	X	X	X	X	X	X	X	X
Swede Midge		X	X		X			X
Tarnished Stink Bug	X	X	X		X	X	X	X
Thrips		X			X			X
Twospotted Spider Mite		X			X			X
Wasp	X	X	X	X	X	X	X	X
White Fly		X			X			X

Reference chart based on our data (not scientific) - Consult your agronomist

Custom sizes can be ordered - please contact your sales rep for more information.

\*Lifespan is approximate and conditional to storage, handling, and climate conditions.

**Recommendation:** For nets directly on crops, be aware that some insects can lay eggs on the foliage in contact with the net - using hoops will eliminate this problem.

# TESTIMONY



## SOME OF OUR CLIENT'S COMMENTS

*So glad we found Proteknet two years ago at a farm tour. We have a 1 acre non profit garden / farm and this stuff is awesome. Stops rabbits, insects, stays put in high wind, easy to see plants (unlike with row cover), and easy to water through. Everything grown under this looks pristine and outgrows the same crops without it. We've used it on all greens and salad crops, edamame, and root crops with excellent results. And it doesn't seem to tear and break down nearly as easily as row cover.*

**-Susan**

*I love this netting! Using a barrier is the best form of protection for organing growing. ProtekNet is one of the best barriers I've found.*

**-Steve**

*Fellow gardeners and farmers, this is one fantastic product. We have a 5,000 sq. ft. organic vegetable garden in New Jersey; in years past we battled flea beetles, white flies, cucumber beetles and aphids among many others. We started using the Proteknet this year. So far the insect pressure from pests is miniscule (flea beetles) to zero (aphids) and the spring harvest of lettuce, swiss chard and broccoli rabe has been both hugely productive and insect damage free. Setting up the protective tunnels is easy, and the fabric is light and slides freely over the PVC plastic hoops to adjust where you want it. We spent a fraction of the time setting up as we would have fighting pests. Also it's easy to open the tunnels, flip the fabric over the hoops and harvest. We have both drip irrigation and overhead watering, and the fabric allows the water to sprinkle right in. The vegetables thrive in perfect conditions, they look like they came out of a green house. We've gone through several strong thunder and wind storms this spring and the tunnels stayed in place. We use garden fabric to minimize weeds throughout the garden and I suggest using fabric or plastic under the tunnels.*

**-Gail Lynn**

## FIND US



**450-454-3961 | 1-800-667-6279** (Toll free number)



**info@duboisag.com**



**www.duboisag.com**