

# Viresco<sup>®</sup> Olus

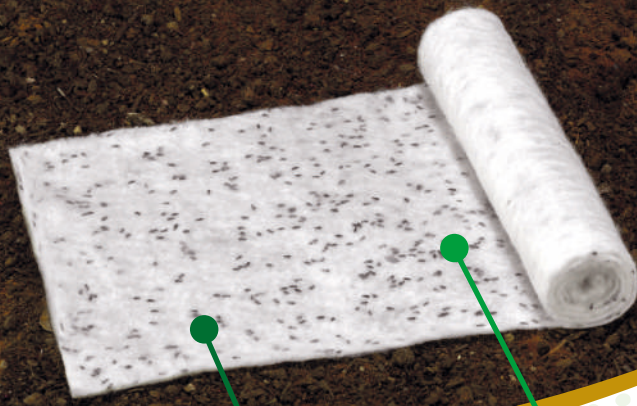
The 100% biodegradable  
pre-seeded biotextile for  
horticulture

**Ideal for**  
cultivation of  
horticultural and  
aromatic species in  
organic farming and  
conventional  
agriculture

**Virens**  
Make the Planet Green!



# Viresco® Olus



Viresco® Olus is a pre-seeded biotextile used in horticulture. Effective in the control of weed, it guarantees reliability on productiveness, precision sowing and ease of use.

It is a textile made up of fibres derived entirely from the cellulose, totally biodegradable, produced with an innovative technology by which seeds of every horticultural or aromatic species are precisely scattered on the weft, either on rows or through broadcasting.

Produced without using glues, nets, fibres or synthetic films, Viresco® Olus is a natural solution for healthy and effective plant growth.

It is widely used in greenhouses and open fields for a wide range of crops such as spinach, rocket, valerian, chicories, baby lettuce, mixed lettuce greens, baby chards, basil, parsley, carrots, turnips, radishes, beets, etc.

It protects the crop for several production cycles from weeds, pathogens and parasites while optimally preserving the underlying soil. Its use does not require skilled labour and allows work to be greatly reduced, before, during and after the cultivation.

Viresco® Olus: sowing and mulching performed at the same time!



Cellulose fibres



First quality seeds



## Some of the advantages offered by Viresco® Olus



### Advantageous

Customized precision sowing and cultivation cycles with less work.



### Light

It can be easily and quickly laid down (less than 15 Kg per 100 square metres).



### Eco-friendly

Derived entirely from cellulose, it is 100% biodegradable.



### Protective

Excellent control of weed and pathogens.



### Effective

Healthy and clean harvest.



## Quick installation guide in four simple steps

Full instructions available for download at [virens.com](http://virens.com)



1



### 1. SOIL PREPARATION

Prepare the ground as per a traditional sowing: well crumbled, levelled and rolled.



2



### 2. APPLICATION

Lay down the biotextile making it adhere to the soil.



3



### 3. IRRIGATION

Water frequently during the first days after the installation, keeping the textile wet until the germination is completed.



4



### 4. FINAL RESULT

Healthy and homogeneous crop growth with excellent production results.



## Case History

### Parsley greenhouse seeded using Viresco Olus.

In this autumn parsley row sowing application you can appreciate the different cultivation stages: laying, growth and final result. At the end of the cycle, the crop is extremely thick with a very satisfactory yield. At the same time the product is of excellent quality, healthy and clean.





## Technical data sheet

WEIGHT (UNI EN ISO 9864 standard)	130 g/m <sup>2</sup> (seeds excluded)
ROLLS SIZE (UNI EN ISO 10320 standard)	100 m <sup>2</sup> (h 1.10 m length 91 m) 150 m <sup>2</sup> (h 2.20 m length 68.20 m)
ROLLS WIDTH (UNI EN ISO 10320 standard)	110 / 220 cm
COLOUR	White
COMPOSITION	cellulose fibres, seeds
THICKNESS (UNI EN ISO 9863 standard)	3 mm
THICKNESS at 20 kPa (UNI EN ISO 9863 standard)	1 mm
TENSILE STRENGTH (long.) (UNI EN ISO 10319 standard)	1.23 kN/m
TENSILE STRENGTH (transv.) (UNI EN ISO 10319 standard)	0.70 kN/m
ELONGATION AT RUPTURE (long.) (UNI EN ISO 10319 standard)	38.35 %
ELONGATION AT RUPTURE (transv.) (UNI EN ISO 10319 standard)	115.31%
PACKAGING	plastic film
All the values which make reference to width, length and weight may be subject to a 7%-8% positive or negative variation. Biodegradation time: 3-4 months depending on the climatic conditions and on the soil type.	



To every inclination a proper solution

**Recs Viresco**

65°

**Virmat**

55°

**Virmat L**

45°

**Viresco Sator**

**Viresco Pratens**

**Viresco Olus**

### Who we are

Virens was established in 1995 and benefits from thirty year of experience in the field of the production of textiles applied to the environment. Our company produces biotextiles, biomats, geomats and pre-seeded geocomposite material for erosion control, landscaping architecture, gardening and horticulture. Protection and regrassing of all types of soil.

# Virens

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