India's Leading Protective Farming Company



Soil to Harvest

अब सफल होगी

हर फसल 🖊









**Empowering the Farmers** 

for Food Security

towards a Sustainable Future

































## GROWIT India -We Help. You Grow.

Established in 2020, GROWiT India Pvt Ltd is India's leading Soil to Harvest Agri-tech Company. Serving a large number of farmers through various models, we have experienced significant growth with a widespread network of franchise stores across multiple states. Our commitment to sustainability and innovation is evident through initiatives like our buyback model. GROWIT has also forayed into Soil Health Testing Devices which not only give details about the Soil Composition but also provide recommendations for the right crops that suit their soil type. These advancements reflect GROWIT's dedication to providing diverse and advanced agricultural solutions, earning recognition in the sector. The company envisions reshaping agriculture by enhancing crop yield, reducing input costs, and fostering sustainable practices, aligning with its vision of being a one-stop solution for farmers.

















Climate smart agriculture



Robust plasticulture products





We are an organization of forward-looking & dynamic thinkers who are keen to provide:



Best farming practices





Optimized & cost-effective supply chain management

Enhancing farmer productivity

# 

### **Mulch Film**







### About Mulch Film

GROWiT's mulch film adds a layer to the surface of the soil around the plant to conserve the soil moisture that suppresses weed growth, protects crops from insects, regulates soil temperature, and prevents water loss through evaporation.

GROWiT Mulch film can absorb sunlight and warm the soil, particularly beneficial in cooler climates. Warm soil temperatures encourage white root growth.

### **Mulch Applications**













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### **Mulch Film**

#### **TYPES OF PLASTIC MULCHES:**

- BLACK MULCH
   Conserves moisture in soil
- CLEAR OR TRANSPARENT MULCHES
   Disinfects the soil to reduce soil borne diseases and weeds
- TWO SIDED MULCHES
  Absorbs specific wavelengths of the sun's radiation
  - YELLOW/BLACK Attracts certain insects and acts as a trap for them
  - WHITE/BLACK Cools the soil
  - SILVER/BLACK
     Repels some aphids and thrips
  - RED/BLACK
     Reflects radiation into plant canopy changing ratio of R:FR light
- EXCLUSIVELY
  PRE HOLE MULCH FILMS
  FOR ONION & GARLIC







#### **TECHNICAL SPECIFICATIONS:**

1		
0-3 Months)	Width	2.5 Ft, 3 Ft, 3.3 Ft, 4 Ft
ont	Length	400 Mtrs, 800 Mtrs
ŽΣ	Colour	Silver-Black
(0-3	Crops	Muskmelon, Watermelon, Cucumber, Gourd Family, Beans, Broccoli, Cabbage, Cauliflower, Onion, Garlic
hs)	Width	2.5 Ft, 3 Ft, 3.3 Ft, 4 Ft
3-6 Months	Length	400 Mtrs
(3-6 Months)	Colour	Silver-Black, White-Black, Black-Black
2 F	Crops	Tomato, Chilli, Capsicum, Strawberry, Okra
s (S	Width	2.5 Ft, 3 Ft, 3.3 Ft, 4 Ft
nth	Length	400 Mtrs
5-9 Months	Colour	Silver-Black, White-Black, Black-Black
(6-9 Months)	Crops	Cotton, Brinjal, Turmeric, Ginger *Grow 9 can be used for double crop
si (Si	Width	2.5 Ft, 3 Ft, 3.3 Ft, 4 Ft
ntt -	Length	400 Mtrs
δĭ	Colour	Silver-Black, White-Black
(9-12 Months)	Crops	Pomegranate, Aloe vera *Grow 12 can be used for double crop
hs)	Width	2.5 Ft, 3 Ft, 3.3 Ft, 4 Ft
12-18 Months)	Length	400 Mtrs
<b>GROW-18</b> 2-18 Months	Colour	Silver-Black, White-Black
	Crops	Banana, Papaya
<b>8</b> (sc	Width	2.5 Ft, 3 Ft, 3.3 Ft, 4 Ft
(18+ Months)	Length	400 Mtrs
	Colour	Silver-Black, White-Black
5Σ + ±	Colour	











### About Crop Cover

Crop cover helps to protect crops from insects, wind, rain and sunburn. It helps in capturing heat on sunny days and it retains heat radiated from the ground at night; hence protecting crops from cold temperature.

GROWiT's crop cover is tear resistance and is U.V. stabilized. It allows up to 90% of the light to reach the crops, which provides ideal day and night-time cover protection.











# Crop/Tree Protection Cover

### Features of Crop Cover



### Benefits of Crop Cover

- Creates suitable microclimate for growth and development.
- Enables earlier seedling hence larger yields.
- Protecting the plants against the insects and birds.
- Protects from hail storms, frost and heavy dust and winds.
- More cushioning effects to the soil surface.
- Better gas exchange capacity thus, less suffocation to roots.
- Reduction in the need for chemical treatments of plants.
- Used for off- season production.
- Better air/water and gas permeability.
- Can provide local greenhouse effect.

### **Applications**

Chilli, Tomato, Brinjal, Pomegranate, Capsicum, Muskmelon, Watermelon

### TECHNICAL SPECIFICATIONS:

11	11	~		
۸.	Width	63 inch	96 inch	126 inch
	Thickness	17/23 GSM	17/23 GSM	17/23 GSM
	Length	400/500/625 Mtr	400/500/625 Mtr	400/500/625 Mtr

\*This is approximate length





### **Grow Fabric Cover**

### About Grow Fabric Cover

GROWiT's Grow Fabric Cover acts as safeguards for plants, fruits and vegetables against the damaging effects in a winter season. These covers are made by using the highgrade polymer which is porous to let air pass through it but still waterproof to avoid any damage to plants.

















### **Grow Fabric Cover**

#### Benefits of Grow Fabric Cover

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- Used for off- season production.
- Better air/water and gas permeability.

Can provide local greenhouse effect.





### **Applications**

Tomato, Green Chili, Red Chili, Capsicum, muskmelon, watermelon, pomegranate, orange, net house crops etc.

#### **TECHNICAL SPECIFICATIONS:**

	Width	100/110 inch	130 inch
Length		200 Mtr*	130 Mtr*

\*This is approximate length











#### About Fibre Stick

GROWiT is one of the leading manufacturers of the Fiber Stick with a variety of different sizes and diameters for crop cover support.

The most important feature of this stick is it does not damage or tear crop cover as in the case of iron rod.

#### Benefits of Fibre Stick

- Longer life upto 8-10 years
- Lighter than iron rod.
- Smooth surface result to no damage to films or covers.
- Better and fast flexibility along with easy restoration.
- Electric Shock proof as non-metallic material.
- Heat and corrosion resistance
- It can be used multiple times as per the season.
- It is lightweight & easy to manage.

### **Applications**

#### IN ALL HORTICULTURE CROPS

Vegetables: Tomato, Green Chili, Red Chili,

Brinjal, Coriander, etc.

Fruits: Water Melon, Muskmelon, etc.

#### **TECHNICAL SPECIFICATIONS:**

Length	6 Ft / 8 Ft / 10 Ft
Thickness	5 mm
Packing	60 pcs / bundle





### **Plant Cover & Wooden Stick**









#### **About Plant Cover**

GROWiT's plant cover is very successful product for banana/papaya. Plant cover protects banana and papaya small sapling from heat and cold weather. Wooden stick provides structure for plant cover for better growth and development.

Plant cover is very useful to cover whole plant protect from sunlight, heavy cold and attack of virus in seedling stage of papaya and banana. It is also used for unseasonable plantation and its results to reduction in sunburn on leaves during high temperature, decrease mortality

#### Benefits of Plant Cover

- Keeps pests, birds & insects away.
- Saves the crop from hail, wind & frost.
- Better crop quality.
- Lowers pesticide consumption.
- Protects plant from virus attack.
- Prevents black spots.
- Heat control.
- Allows air to permeate.

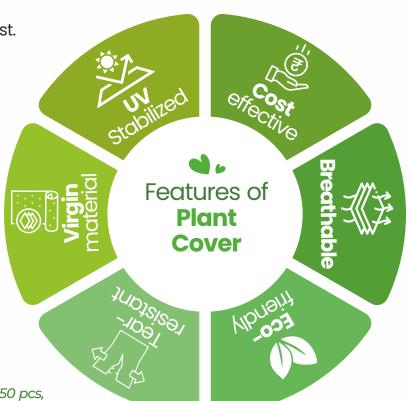
### **Applications**

Banana, Papaya

#### **TECHNICAL SPECIFICATIONS:**

Length	15 inch (1.25 Ft)
Thickness	17 GSM
Packing	200 Mtrs

Plant Cover with Wooden Stick (Stick-750 pcs, Plant Cover-250 pcs) available in a packet.





### **Fruit Cover**







#### About Fruit Cover

GROWIT is one of the leading fruit cover manufacturers.

GROWiT fruit covers are used to protect fruits from insects, pests, black spots, animal and bird attacks etc. It comes in various sizes according to fruits.

Fruit cover prevent fruits from cracking, inhibit black spots from forming on fruits and ensure that fruits grow in uniformly in shape and size, giving you the best market value for your product. It protects fruit from direct sunburn, gives flawless outer appearance, gives fruits of equal size and color.

#### **Benefits of Fruit Cover**

- Keeps pests, birds & insects away
- Saves the crop from hail, wind & frost
- Better crop quality
- Lowers pesticide consumption
- Prevents black spots
- Heat control
- Allows air to permeate

### **Applications**

Pomegranate, Mango, Guava, Apple, Papaya

#### **◆ TECHNICAL SPECIFICATIONS:**

Si	Size	7 x 7 Inches
<u>ec</u>	Thickness	17 GSM
٥	Packing	Available in cutpiece

Fruit Cover cutpieces available with and without agri thread.





#### **Banana Bunch Cover**









#### **About Bunch Cover**

GROWIT is premium manufacturer of non-woven banana bunch cover, used especially for protecting banana bunches from direct sunlight, black spots, fungal and insect damages. It gives better outer appearance and suitable for organic cultivation.

They prevent black spots and increase the vitality of the fruit which gives an extraordinary crop outcome along with better outer appearance and suitable organic cultivation.

#### Benefits of Fruit Cover

- Keeps pests, birds & insects away
- Saves the crop from hail, wind & frost
- Better crop quality
- Lowers pesticide consumption
- Prevents black spots
- Heat control
- Allows air to permeate

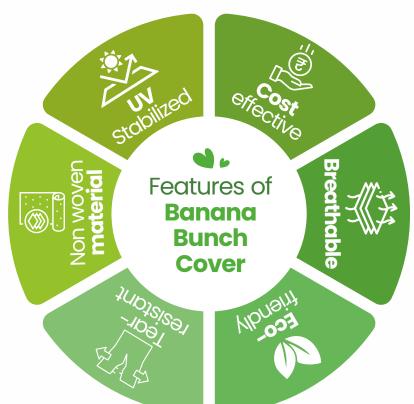
#### **Applications**

#### **Bunch of bananas & Papayas**

#### **TECHNICAL SPECIFICATIONS:**

Sign	Width	31.5 Inches
<u>ece</u>	Length	40 Inches
٥	Thickness	17 GSM

Bunch Cover cut pieces available with and without Agri thread.





### **LDPE Grow Bag**





#### About LDPE Grow Bag

GROWiT's LDPE Grow Bag is the one-stop solution for your organic terrace garden needs. Our Grow Bags are known for their high performance, strength and long service life.

#### Features of LDPE Grow Bags

- REUSABLE & WASHABLE: These poly grow bags can be easily washed and reused. During the off season or when not in use grow bags can be folded up and stored with minimal space.
- **PREMIUM QUALITY:** Made by premium quality poly grow bag for Terrace Gardening. Prevents circling roots and air-prunes the plant's root structure.
- BREATHABLE & DURABLE: The soft, light, breathable and durable bag with sturdy material allows easy and safe moving. Moisture easily drains out and air is able to circulate around your plant and its roots.

■ IDEAL: Perfect for fruits, growing vegetables like tomatoes, chilies, beans, ladies finger, cluster beans, onions, radish, carrot, beetroot, capsicum, all spinach, mint, flowers and ornamental plants.



#### **◆ TECHNICAL SPECIFICATIONS:**

Size	16cm x 16cm x 30 cm, 20 cm x 20 cm x 35 cm, 24 cm x 24 cm x 40 cm
Thickness	150 Microns
Packaging	100 Pcs / Packet

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### **HDPE Grow Bag**





### About HDPE Grow Bag

GROWiT's Grow Bags are designed by a highly skilled team of experts who ensure high quality bags for all your gardening and farming needs. Our Grow Bags are known for their high performance, strength and long service life.

#### Benefits of HDPE Grow Bags

- Strong root system for plants
- Better soil aeration & drainage
- Fast & healthy root development
- Easy plant transplant
- Easy to use than traditional pots

### **Applications**

- Nursery
- Terrace Gardening
- Home Gardening



#### **TECHNICAL SPECIFICATIONS:**

Size	9x9 Inch, 12x12 Inch, 12x18 Inch, 15x12 Inch, 15x15 Inch, 18x18 Inch, 24x24 Inch
Thickness	250 GSM
Packaging	25 Pcs / Packet
Colour	Green



### **Weed Mat**





#### About Weed Mat

GROWIT's Weed Mat is generally made of high strength plastic material. It works by stopping the supply of sunlight to the weeds, thereby killing them. A high quality GROWiT Weed Mat will suppress the growth of weeds, while at the same time providing sufficient drainage for the soil underneath, so that it stays moist and nourished.

#### Benefits of Weed Mat

- ◀ It controls weed growth
- It offers breathing to soil
- It improves soil aggregate structure
- It helps water seepage
- It helps to reduce pests & diseases
- ◆ It saves labour cost
- It is environment friendly

Features of Weed Mat

Applicable for agriculture farms, home garden, nurseries & green houses

### **Applications**

#### IN ALL HORTICULTURE CROPS

- Vegetables: Tomato, Green Chili, Red Chili, Gourd Family, Onion, Garlic, Brinjal, etc.
- ◆ Fruits: Water Melon, Muskmelon, Strawberry

#### **ORCHARD CROPS**

Fruits: Banana, Papaya, Pomegranate, Citrus fruits, Apple etc.

#### **TECHNICAL SPECIFICATIONS:**

Width	0.5 / 1.2 / 4.2 Mtrs
Thickness	100 GSM
Length	100 Mtrs
Colour	Black / White

Customization available





### Vermi Bed







### About Vermi Bed

GROWiT's Vermi beds are plastic composting beds used to produce quality vermi-compost (worm manure) and Vermi-wash for organic farming.

GROWiT's Vermi Beds are made from reinforced light weight HDPE material.

#### **Applications**

#### For Vermi Compost

#### **TECHNICAL SPECIFICATIONS:**

Width	4 Feet
Thickness	350 / 450 GSM
Length	12 Feet
Height	2 Feet

#### Benefits of Vermi Bed

- Prevents from escaping of worms.
- It maintains the moisture content.
- It offers cross ventilation.
- Dedicated outlet to collect Vermi-wash.
- Protection from termites, ants & mice.
- Cost effective.
- Reusable and economical as compared to
- Traditional method

#### Features of Vermi Bed





### **Insect Net**





#### About Insect Net

GROWIT is premium manufacturer of Insect net, that prevent the entry and action of insects, provides best protection from Insects especially in Poly House & Shade Net House. Insect net is available in different mesh sizes, length and widths.

#### Benefits of Insect Net

- Keep insects and pests away from the crop
- Avoids the usage of chemicals that are harmful for the soil and the crop as well
- Provides proper ventilation
- Keeps environment well maintained for the crops and plants to grow and develop
- Provide a physical barrier to prevent insects
- Protects plants from direct sunlight, rain and winds

### **Applications**

- Net house & Green house crops
- **TECHNICAL SPECIFICATIONS:**

Width	2.5 / 3 Mtrs
Thickness	110 GSM
Length	100 Mtr
Mesh	40 / 60

#### Features of Insect Net





#### **Shade Net**









#### **About Shade Net**

Shade nets are nets that are widely used in greenhouse/nethouse and for horticulture crops farming. These nets are designed with high-quality UV protected materials. Growit's shade nets have climate-controlling and growth-enhancing properties that ensure protection from excess sunlight, heat, cold, wind, frost & hailstorm etc.

#### Benefits of Shade Net

- Protection against pests and diseases.
- Control of light, humidity, temperature & Co2 levels.
- Prevents excessive drying of the crops.
- Protects plants from heat and hence reduces evaporation.
- Provides resistance to heavy rains and hailstorms.
- Protects crops from insects and birds.

### **Applications**

- Many medicinal plants, flowering plants, vegetables seedling nursery, spices and even fruits can be cultivated inside the
- **TECHNICAL SPECIFICATIONS:**

<b>Shade Factor</b>	Width	GSM
50%	2/3/4/5/6 Mtrs	80-85
75%	2/3/4/5/6 Mtrs	100-110
90%	2/3/4/5/6 Mtrs	130-150

- It protects the crops f rom excessive exposure to UV radiation.
- Shade nets provide cooling via transpiration.
- It also controls humidity and makes the ambience suitable inside the nets for plant growth and development.





### **Skirting Film**







### About Skirting Film

This is a type of plastic film used in greenhouses, specifically for the walls. It's made from woven fabric laminated on both sides with polyethylene. Skirting film helps prevent mechanical damage to the greenhouse at the ground level.

### Benefits of Skirting film

- Helps to prevent mechanical damage on the boundary of the Polyhouse.
- Allows diffused light to enter the Polyhouse.
- Keeps environment well maintained for the crops and plants to grow and develop.
- Protects plants from direct sunlight, rain and winds.

### **Applications**

- Green House, Grapes
- **TECHNICAL SPECIFICATIONS:**

Width	Length	GSM
2 Mtr.	100 Mtr.	140
1.5 Mtr.	100 Mtr.	140

With Pocket, Without Pocket Both are available.



### **Grow Wire**







#### **About Grow Wire**

Growit manufactures Grow wire that is a polymer wire which is 100% replacement of traditional wires which are used for crop-support in crops like tomatoes, cucumber, Gourd family etc. like all crops that require vertical trellising in open field as well as protected cultivation.

#### **Benefits of Grow Wire**

- 100% replacement of GI wire.
- Over 5 times lighter than steel or GI wire.
- Economical- competitively priced to GI wire.

Strength

- Expected life span is 3-5 years.
- Maintains its elasticity eliminating retensioning.
- UV & Sulphur resistant.
- It is non corrosive.
- Heat and cold resistance.

### **Applications**

Cucumber, Bottle Gourd, Bitter Gourd,
 Sponge Gourd, Snake Gourd, Ridge Gourd,
 Tomato, Chili etc.

#### TECHNICAL SPECIFICATIONS:

Thickness	1.8 mm	2.2 mm	3 mm	5 mm
Packing	10 Kg	10 Kg	10 Kg	10 Kg
MOQ	1 Bundle	1 Bundle	1 Bundle	1 Bundle
<b>Loading Capacity</b>	160	200	350	725

elongate

Customization available

Time

#### 

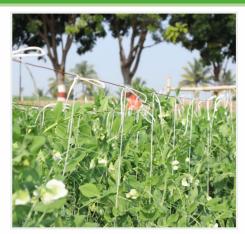
resistant

Features of Grow Wire

### **Agri Thread**







#### About Agri Thread

Growit, is a premium manufacturer of plastic agri thread used in agriculture, especially used in horticulture crops like creeper crops i.e. tomato, gourd family, etc. These plastic threads are available in various sizes.

#### Benefits of Agri Thread

- Facilitate easy climbing for plants for longer time so helps to avoid touching of plants on ground.
- Helps in proper arrangement of proper installation fibre stick & crop cover
- 100% replacement of jute sutli
- Provides concrete and long-lasting structure for crop cover & crop support net
- Resistant to fertilizers, fungicides and pesticides
- Higher strength because of strong netting structure
- Resistant to different weather conditions
- Technically developed for all kinds of creeper crops

### **Applications**

Chili, Capsicum, Cucumber, Bottle gourd, Bitter Gourd, Ridge Gourd, Watermelon, Muskmelon etc.

#### **TECHNICAL SPECIFICATIONS:**

Thickness	MOQ	Packing	Length
4000 D	1 Bundle	6 Rolls	4600 Mtrs
4000 D	1 Bundle	6 Rolls	5250 Mtrs
4000 D Cutpiece	1 Bundle	5000 pieces	7 Ft Cutpiece

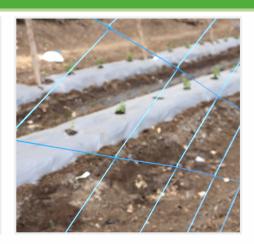




# **Crop Support Net**







#### About Crop Support Net

GROWiT's Crop support net are used for supporting plant like Cucumber, Cherry Tomato. It is also used for Gourd family plant support.

Crop Support net are light weight and easy to install. These support nets are UV stabilized and technically developed for all kind of climbing crops.

#### Benefits of Crop Support Net

- Reduce transmission of pest & disease through contact.
- Avoid touching of fruits on the ground.
- Reduce intercurling and overcrowding of vines.
- Provides proper support for vines.
- Provides proper light, air and space for plant growth.
- It increases crop yield and quality of fruits
- Technically developed for all kinds of creeper crops.

#### **Applications**

- Bitter gourd, Bottle gourd, Ridge gourd, Long beans, Tomato, Cucumber, and all other creeper crops.
- **TECHNICAL SPECIFICATIONS:**

	Width	6 Ft
Nylon	Thickness	0.46 mm
Blue	Length	1250 Ft
	Packing	5 Bundles

	Width	6 Ft
Polyester	Thickness	1.2 mm
White	Length	625 Ft
	Packing	5 Bundles

#### Features of Crop Support Net





#### **Grow Fence**







#### **About Grow Fence**

Growit is premium manufacturer of Grow Fence, used especially for protecting farms from attack of wild animals that destroy crops and farm. It is 100% replacement of barbed wire fences or GI wire fences. This Grow fence in available in a wide range of heights and thickness specifications.

#### Benefits of Grow Fence

- 100% replacement of GI Fence
- Useful for dairy cattle and poultry farming
- 2 to 3 times less expensive solution to fencing
- Expected life span is upto 10-12 years
- Smooth surface
- UV & Sulphur resistant
- Easy to install and maintain

#### **Applications**

- Fencing of farms
- Playgrounds
- Houses

#### **◆ TECHNICAL SPECIFICATIONS:**

Thickness	Size
2.5 mm	3 ft x 100 ft
2.5 mm	4 ft x 100 ft
2.5 mm	5 ft x 100 ft
2.5 mm	6 ft x 100 ft

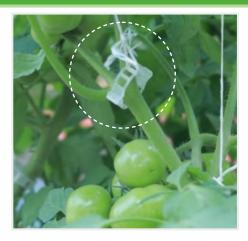
#### Benefits of Grow Fence Small **UV & sulphur Easy to** deformation resistant install Non-corrosive Non-High Less expensive **Thermally** solution absorbent stable Strength



## Tomato clips







#### About Tomato clips

GROWiT's tomato clips also known as tomato trellis clips which are widely used in commercial greenhouses - net house crops to fix plants to netting, plant supports, plant ladders and twine trellises speedily and easily.

#### Tomato clips

- Promote better air circulation and minimize disease risks.
- One clip can be used in many plants throughout multiple growing seasons.
- Optimize time and labor when comparing with other trellising methods.

Maximize greenhouse growing space.

It helps avoid touching of plants on the ground.

#### **◆ TECHNICAL SPECIFICATIONS:**

Size	30 x 30 x 10 mm
Packing	1000 Pcs
MOQ	1 bundle

#### **Applications**

 Even though this type of clips is usually called tomato clips, growers can benefit many plants such as cucumbers, peppers, melons, beans, flowers and other vine crops.

