



Your partner for
protected cultivation





A MANIFESTO. FOR THE FOOD THAT'S PROMISED.

We are driven by a desire to protect a history older than memory.
To preserve a 10,000-year-old thought born by the river Indus.
Of our forefathers who stepped forward as the first farmers.

We are driven by a duty to nurture the land that nourished its people.
Built our great economy. And let our country thrive for centuries.

We are driven by a purpose to help farmers adapt to the changing times.
By bringing them innovative products to continue growing the food that's promised.

The end consumer may never know what we do.
But as long as they find joy out of the fruits of our labour,
we will know we are doing something right.

For farmers, we protect their fields.
We cultivate better yields.
We elevate our support with constant innovation.

For the end consumer, we protect the past.
We cultivate the future.
So that we may elevate the present.

WE ARE AGRIPLAST.

OUR MISSION

Our mission is to provide farmers with hi-tech farming products and unique formulations to increase farming yield and income.

OUR VISION

We are committed to advancing sustainable farming practices to ensure food security and economic growth through agritech.

As a leading innovator in this field, we aim to provide state-of-the-art solutions to farmers and contribute to a healthier planet for generations to come.

OUR VALUES

The purpose of our value system is to serve our commitment. And at Agriplast, we are committed to quality, innovation, customer satisfaction, integrity, and accountability.

WHAT DO WE FOCUS ON?

Products Designed With a Purpose

At Agriplast, our Research and Development team is constantly working to answer the problems of today's farmers. This might mean manufacturing a polyfilm that protects greenhouses for years and years. Or designing a potting solution for plants with an in-built water storage container.

For us, the starting point is technological innovation. And the end goal is always to design an easy-to-use product that's built for functionality.

Protected Cultivation Techniques

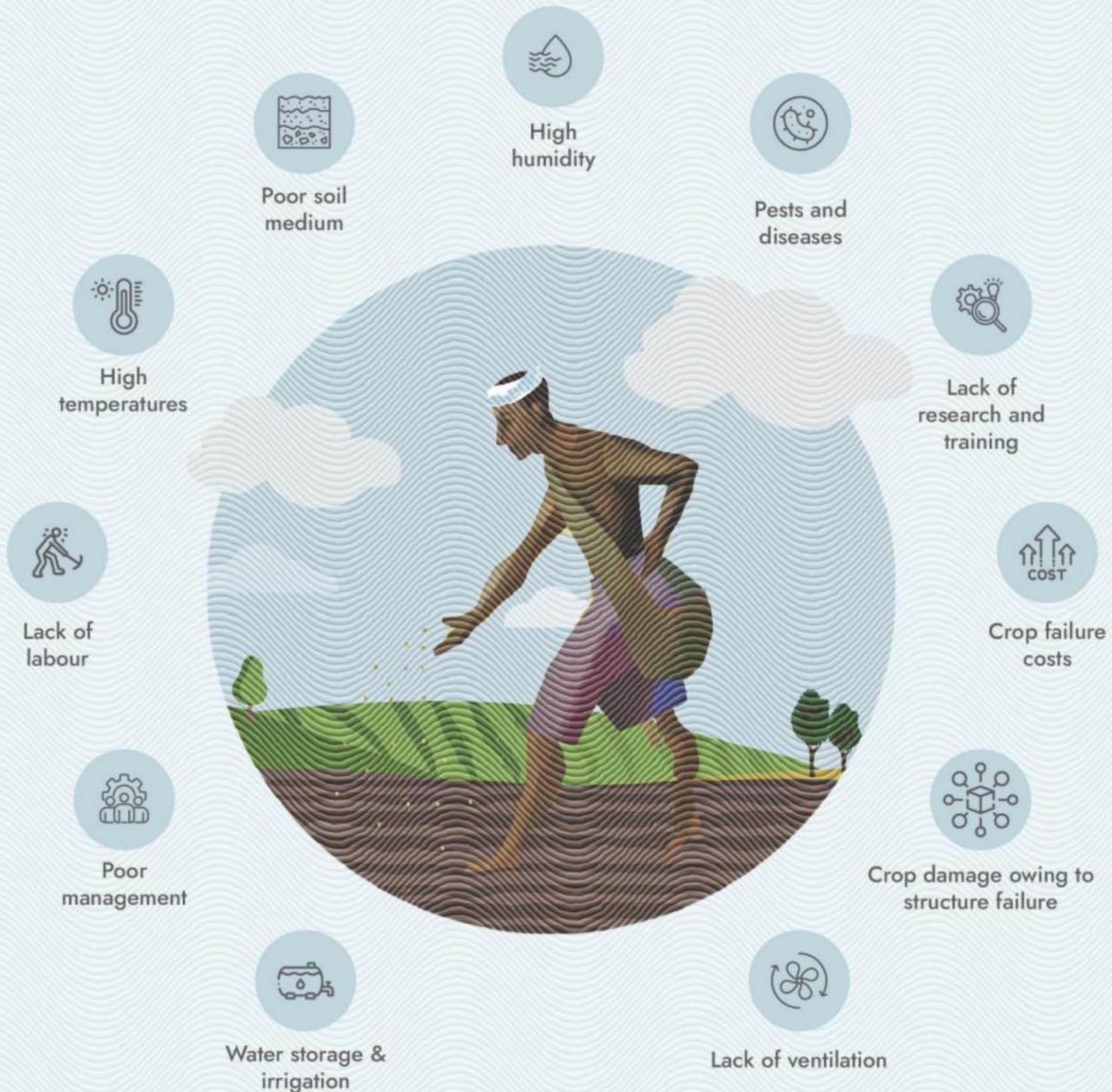
Before we deliver our protected cultivation solutions, they undergo a rigorous process of alterations to suit specific needs and regional climates. After that, our expert agronomists take over and empower farmers, landowners, and businesses with agricultural literacy and dedicated support.

WHY DO YOU NEED US?

Most Indian farmers face significant losses due to a lack of knowledge about modern technology. And the use of cheap and inefficient products.

We, at Agriplast, are dedicated to addressing these problems by educating farmers on new technologies. Investing in consistent R&D. And providing high-quality products that lead to better yields and sustainable farming, even amidst climate challenges.

PROBLEMS



HOW DO WE TACKLE YOUR PROBLEMS?



We carefully analyse and assess your needs



We create environment-specific solutions



We offer effective after-sales service



We provide agronomy support

BOARD OF DIRECTORS



Mr. Rajeeb Kumar Roy
Managing Director



Mr. Fabio Kahn
Director, Agriplast Tech India Pvt. Ltd.
CEO, Ginegar Plastic Products Ltd.



Mr. Neeraj Kumar Roy
Director



Mr. Shubhankar Dutta Gupta
Director - Sales and Marketing



Mrs. Ranjana Roy
Director - HR



Mr. Sumit Suman
Chief Operating Officer



Mr. Pankaj Roy
Director - Operations



New Innovation at Agriplast

Next-Gen Cooling: Ginegar IR Cooling Film Designed to Reduce Greenhouse Temperature

India's first IR film engineered to reduce heat build-up and enhance crop performance.



More Cooling Efficiency
Lowers internal temperature by up to 4–6°C*



New-Gen UV Blocking
Blocks Pest Vision Reducing Pest Attacks



Designed for Indian Conditions
Performs in high heat and dusty climates



Superior Light Diffusion
Promotes uniform canopy and compact growth



Extended Film Life
UV stabilized for longer durability

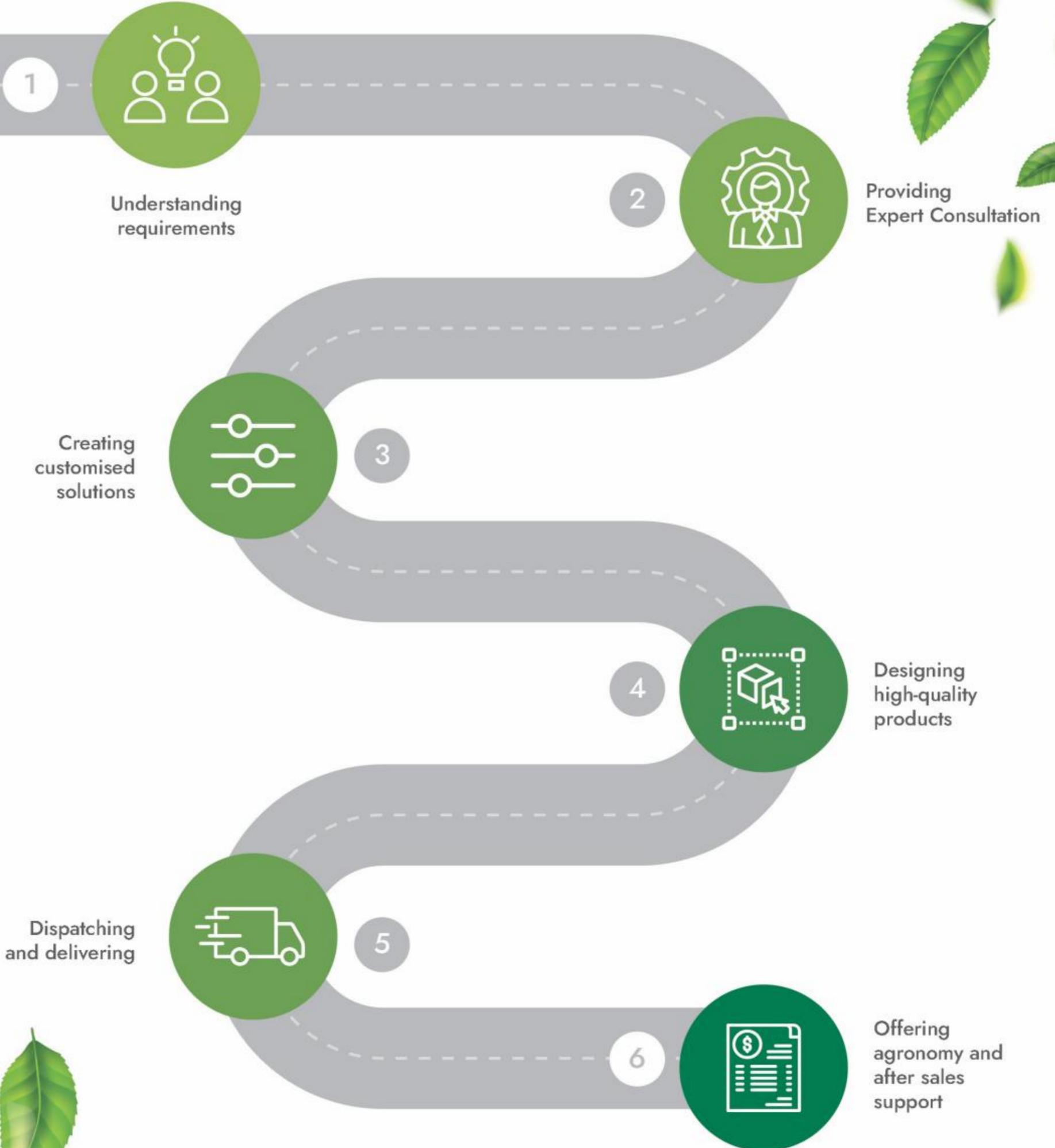


Reduced Leaf Temperature
Ensures better photosynthesis and higher crop productivity

IR Cooling Film



OUR WORK METHODOLOGY



WHAT DO WE HELP YOU ACCOMPLISH?



INCREASED
PRODUCTIVITY
AND YIELD



BETTER
QUALITY OF
CROPS



EARN
A HIGHER
INCOME

WHY SHOULD YOU TRUST US?



Quality
assurance



Trusted by
1.5 lakh
farmers



Farmer-centric
approach



19+ years
of experience



ISO 9001:2015
Company



India's most trusted brand
in protected cultivation



Presence in
60+ countries



Technical
expertise



Agronomical
know-how



State-of-the-art
infrastructure



Skilled and
highly-trained
workforce



Loyal
customer and
vendor base

WE HAVE BEEN GROWING.



SO HAVE OUR PARTNERS...



HAPPINESS HARVESTED

“Agriplast has helped me save money everyday”

Using Agriplast shade net, insect net and mulch has shown tremendous results for growing my crop. I definitely recommend Agriplast net and mulch, it will last you longer and give you better production for any crop and it has helped me save money everyday.

- Kapil, Jind, Haryana



“I can clearly see the difference in plant height by using Agriplast Mulch”

I have been using Agriplast 25 micron Black & White Mulch in my polyhouse which has completely stopped weed growth. I can clearly see the difference in plant height by using Agriplast mulch and it has helped me save close to 1200 rupees a day. 100% recommend.

- Ravindra Sharma, Una, Himachal Pradesh

“The agronomy support provided by Agriplast is commendable”

I have been practicing protected farming since 2019. The products of Agriplast are of international standards with best materials used. The agronomy support provided by Agriplast is commendable. I was able to survive a virus attack in coloured capsicum under their guidance and harvested an above average yield as a result.

- Brijmohan Rana, Meerut, Uttar Pradesh

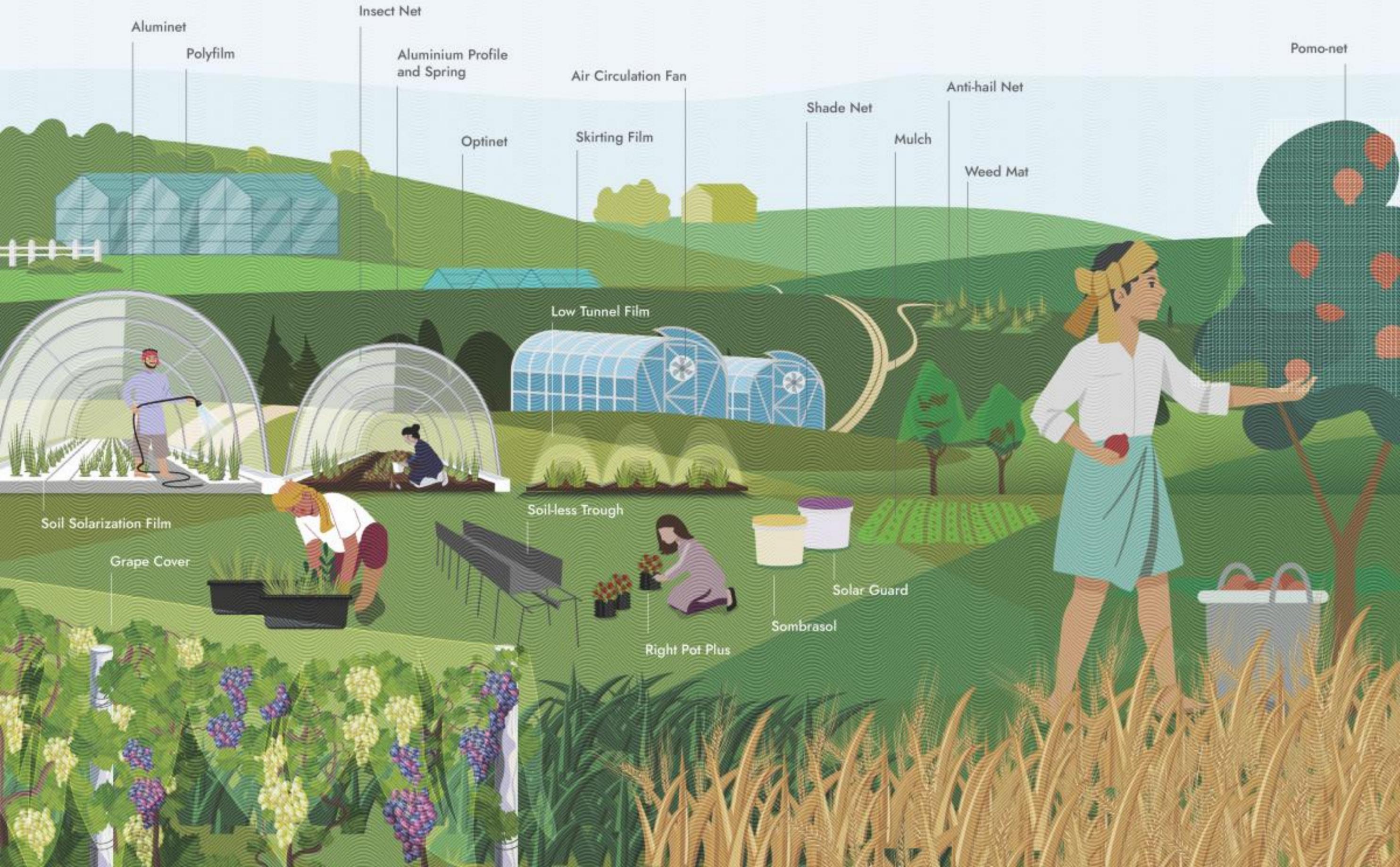


“Agriplast uses the best product materials”

Agriplast uses the best product materials for hi-tech agriculture and they are very knowledgeable in agri equipment. Also facilities are good and the customer experience is very nice.

- Yathish Reddy, Anekal, Karnataka

...AND SO HAS OUR PRODUCT CATALOGUE



Aluminet

Polyfilm

Insect Net

Aluminium Profile and Spring

Air Circulation Fan

Shade Net

Anti-hail Net

Pomo-net

Optinet

Skirting Film

Mulch

Weed Mat

Low Tunnel Film

Soil Solarization Film

Soil-less Trough

Grape Cover

Solar Guard

Sombrasol

Right Pot Plus



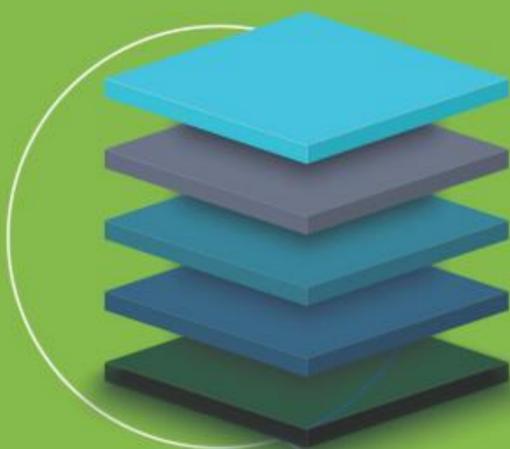
Did you know using the right greenhouse film can boost your productivity?

Just by using 13% of your total investment on the right polyfilm, you can secure the remaining 87% of it. So choosing the right polyfilm should always be a top priority.

GINEGAR GREENHOUSE FILM

uses a 5-layer manufacturing technology and UV stabilisation for better protection and a longer service life

STRUCTURE OF 5-LAYER PLASTIC



1. ANTI DUST
2. HIGH TENSILE STRENGTH
3. INFRARED/UV BLOCKER
4. ANTI DRIP, ANTI MIST
5. OTHER ADDITIVES

Available in different colors & Properties to suit your requirements



Standout Features



Thickness of 200 microns



5-layer manufacturing technology



UV stabilised for longevity



Readily available in widths of 4.5, 5.5, 7, 9 and 11 metres



On-demand customisable lengths and widths



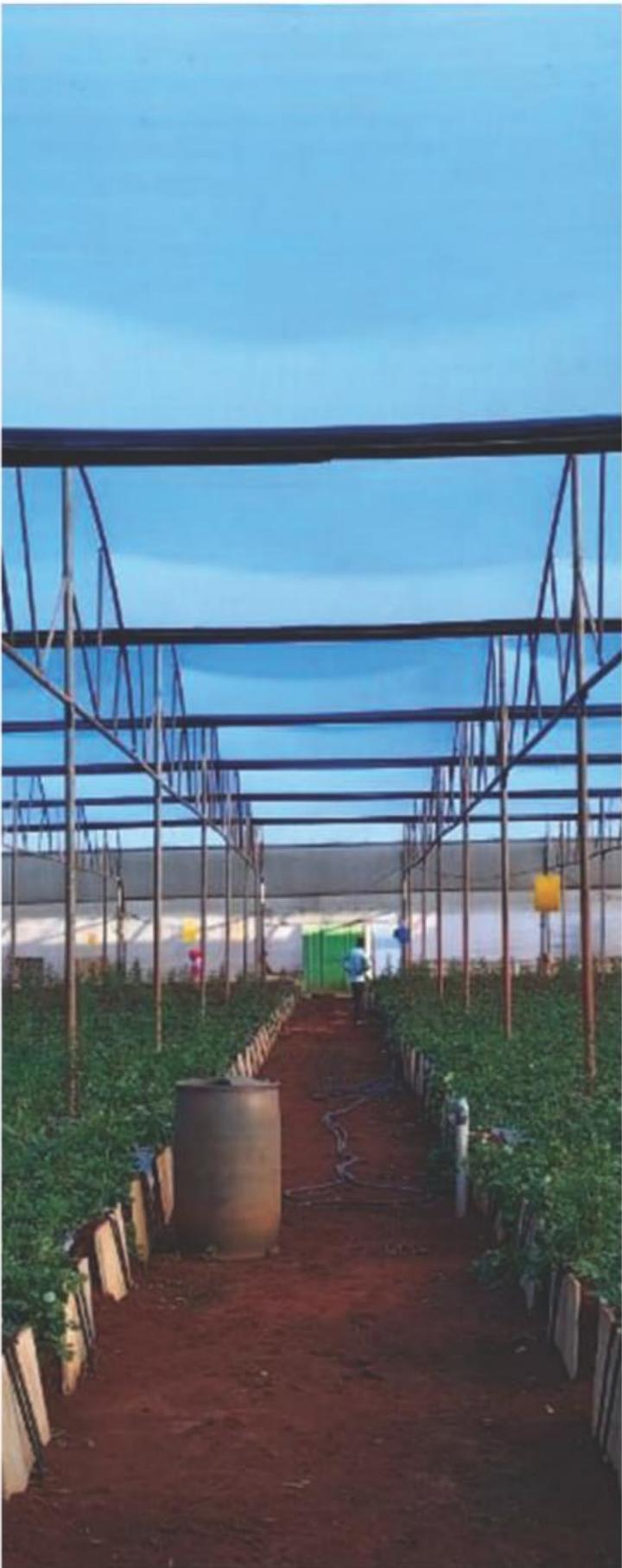
Multiple options for different agro climatic conditions

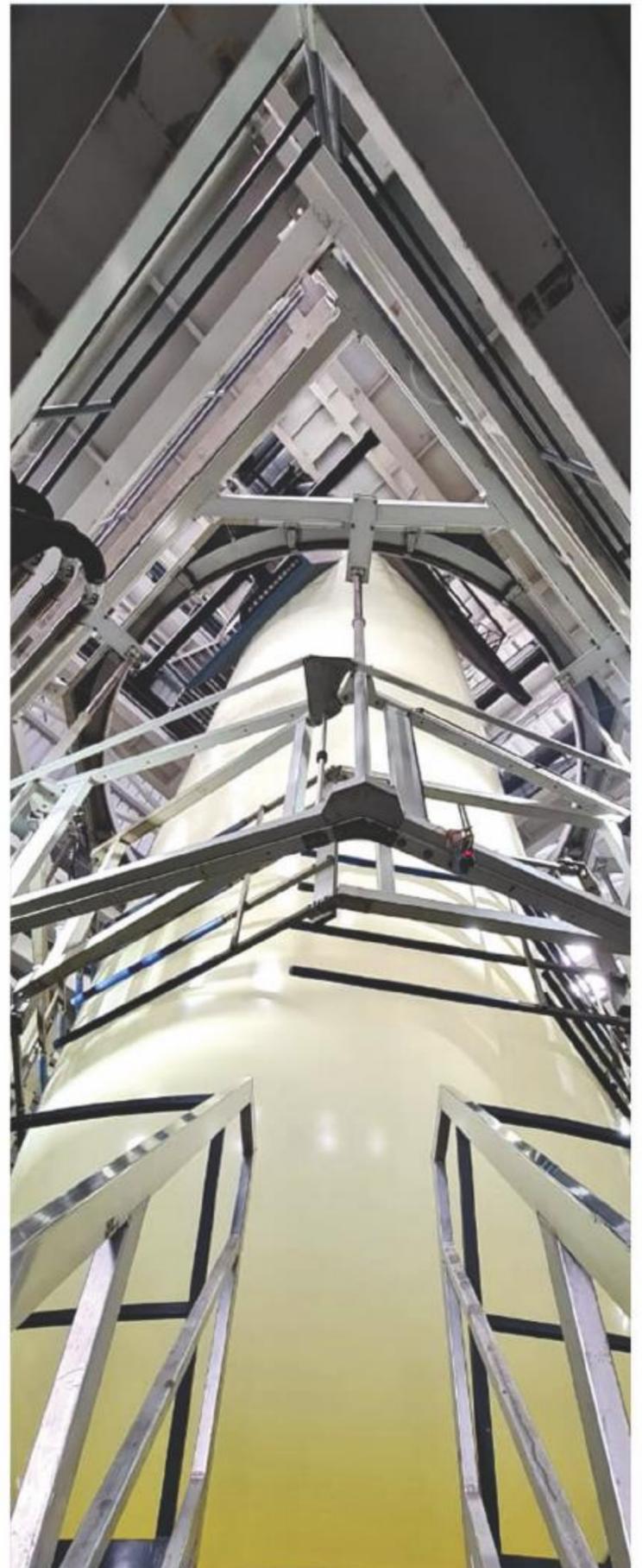
Film Characteristics	Drip Lock Diffused AV Blue	205 N	Drip Lock Diffused	Drip Lock Cool	Drip Lock Clear
Light Transmission	77%	88%	87%	87%	90%
Light Diffusion	60%	60%	62%	77%	25%
Anti Dust	✓	✓	✓	✓	✓
UV Blocking	✓	✓			
Anti Sulfur		✓		✓	
Anti Drip	✓		✓	✓	✓

	Drip Lock Diffused AV Blue	205 N	Drip Lock Diffused	Drip Lock Cool	Drip Lock Clear
Areas recommended	Recommended across India	Recommended across India	Recommended across India	Recommended for hot areas. Reduces temperature	Recommended for cold areas (limited sunlight)
Crops recommended for cultivation	Nurseries, Leafy Vegetables, Horticulture & Floriculture Crops	All crops including roses (except bicolor roses)	All Floriculture And Horticulture Crops	All Floriculture And Horticulture Crops	Floriculture, horticulture, nursery

*All parameters are as per standard testing methods $\pm 5\%$.









Is rising heat Reducing Your Crop Yield?

With climate change, high temperatures inside a greenhouse can lower the expected yield. Using a cooling solution can help maintain the optimal temperature for good plant health.

ALUMINET

screens prevent overexposure to heat during the day, keeps the greenhouse warmer at night, and prevents condensation on leaves



4-year
UV warranty



Domestic &
Agricultural use



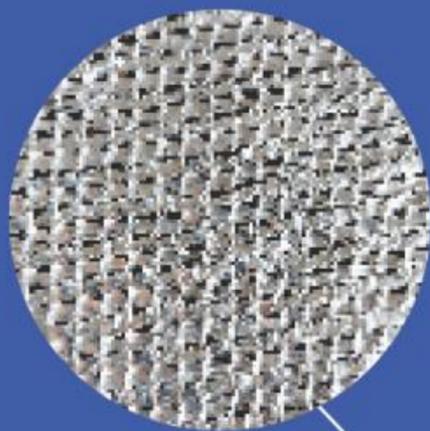
Temperature
control



Economical for
long-term use



Dual IR
reflection



Standout Features



Reduces temperature by 4-6 degree celsius in summer



Reflects radiation during the day



Retains radiation from the ground to keep the greenhouse warmer at night



World's strongest specialty net



Provides light diffusion for better photosynthesis



Creates better growing conditions and results in higher yield

Shade Percentage	Width Available	Recommended for
50%	4.4, 5.4m	For agriculture purpose - floriculture and horticulture crops
80%	4m	For domestic purpose

*All parameters are as per standard testing methods $\pm 5\%$. (Length, Width & GSM)





Protect your crops from excess sunlight.

Too much light or fluctuations in its intensity can cause diseases in crops. So employing a shading technology can create a more suitable environment.

SHADE NET

made from Virgin HDPE material reduces light intensity, temperature, and controls the quality of light



3-year UV warranty



Domestic & Agricultural use



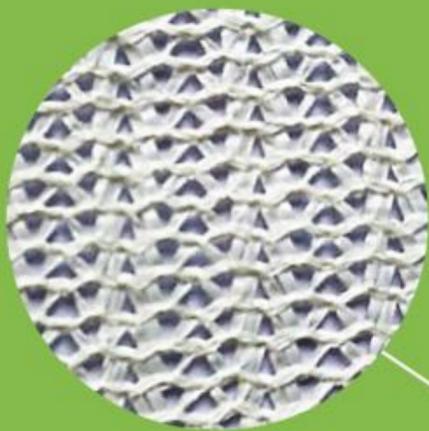
Temperature control



Radiation control



BIS approved



White



Green



Black



Standout Features



Readily available in 100m roll length



Colour options available on demand



Customised width available on demand

Colours Available	Shade Percentage	Width Available	Recommended for
White - Tape X Tape	35%, 50%, 75%	3, 4.2, 6.2m	Vegetables & flowers for better macroclimatic condition
Black - Tape X Tape			Recommended for nursery
Green - Tape X Tape			
Monofilament White BIS Approved	100 GSM - BIS (3 years UV warranty) 125 GSM - BIS (5 years UV warranty)	4.2, 5.2, 6.2, 6.5m	For nethouses & polyhouses
Monofilament Green BIS Approved	125 GSM - BIS (5 years UV warranty)		
Monofilament Black BIS Approved	125 GSM - BIS (5 years UV warranty)		

*All parameters are as per standard testing methods $\pm 5\%$ (Length, Width, Shade Factor, & GSM)



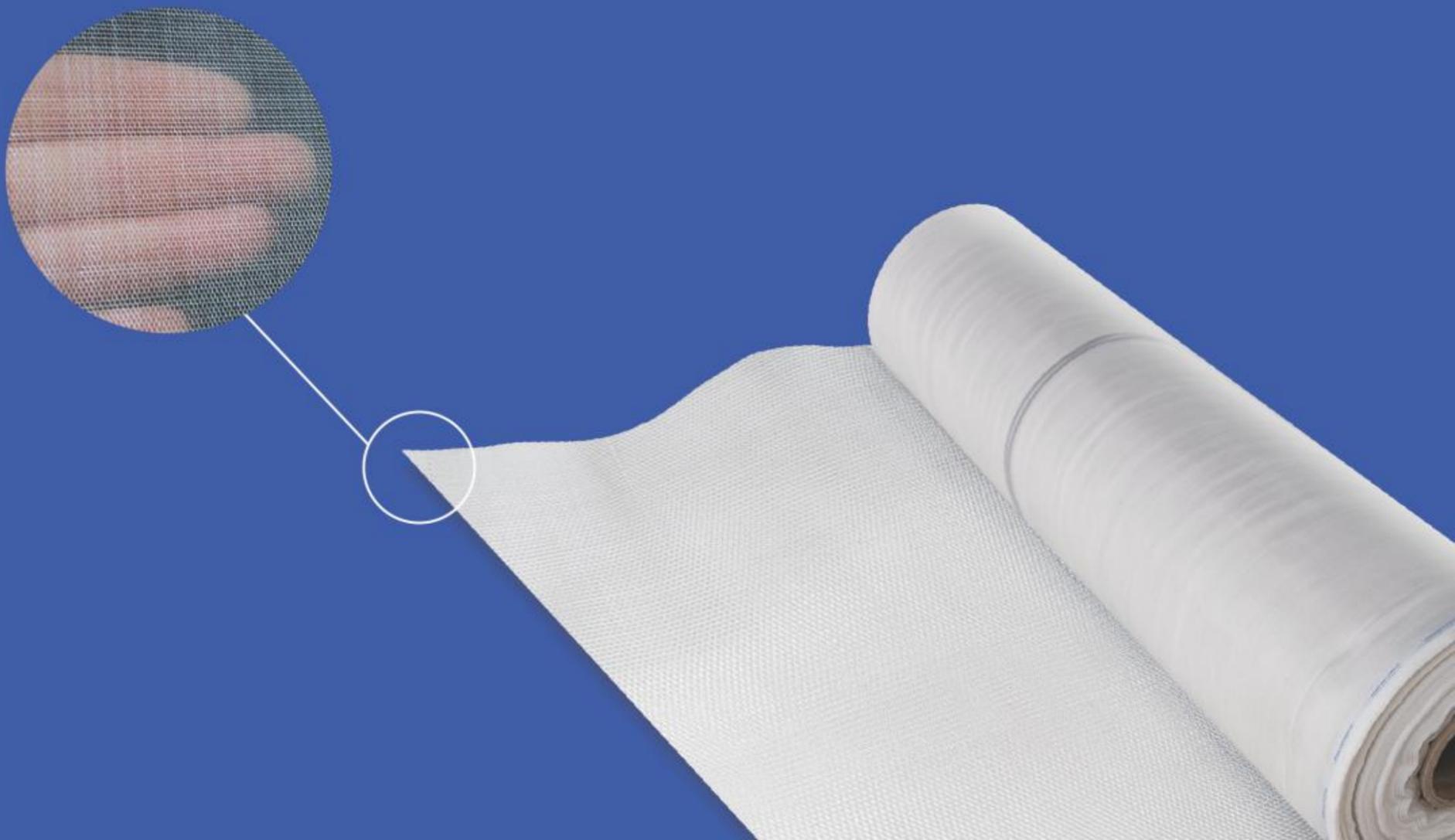


Control pest entry and reduce pesticide use with Agriplast Insect Nets.

Mites, Thrips, Caterpillars, Aphids and other pests attack plants in three ways. One, they cut the root, stem, and leaf. Two, they suck the cell sap. Three, they bore into stems and fruits.

INSECT NET

acts as a physical barrier to insects, protecting your crop and reducing the need for pesticides. Thus, helping you save the cost of pesticides while enjoying a higher yield



Standout Features



5 year
UV Warranty



Made from
HDPE material



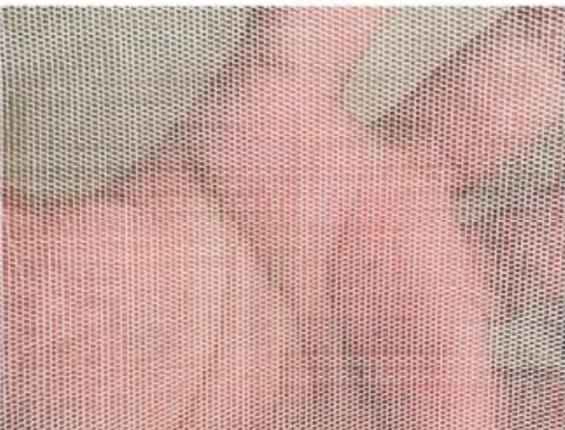
Reduces pesticide
usage on crops



Usable in both open fields
and protected fields

Mesh Size Available	GSM Available	Color	Width Available	Length	Recommended Markets
40 Mesh	105/110 GSM (3 years warranty) BIS approved	White/ Natural	2.5m, 3.2m, 3.6m, 4.2m, 4.5m, 5.2m, 6.2m (customization available)	100m	Recommended for Open field & protected cultivation
	105 GSM (3 years warranty) BIS approved				
50 Mesh	135 GSM	White	4.2m		

*All parameters are as per standard testing methods $\pm 5\%$. (Length, Width & GSM)





India's First Physical and Optical Barrier Against Insects

Physical barriers can only limit the damage from insects. They cannot prevent the insects from entering the crop environment in the first place. Especially pests such as thrips, whitefly, and leafminers.

OPTINET

is a patent-protected product of Ginegar. The combination of both physical and optical protection makes it a one-of-a-kind anti-insect net



5x less pest penetration



Dust-free netting



Non-toxic



Standout Features



Contains optical additives that disorients and repels the insects



Reduces heat inside structures resulting in a cooler environment for plants



Reduces development of leaf diseases



Creates better ventilation for the greenhouse

Mesh Size available	GSM Available	Color	Width Available	Length	Recommended Markets
40 Mesh	120 GSM (5 years warranty)	Transparent	4.2,5.2,6.2m	100m	Recommended for Open field & protected cultivation

*All parameters are as per standard testing methods $\pm 5\%$.



Is your orchard protected from hailstorms?

Strong winds, hailstorms, and bird attacks can severely affect your crop yield.

ANTI-HAIL NET

is a strongly built net that covers your orchard, offers strong wind protection, and encourages better plant growth

Standout Features



4-year UV warranty



Super durable



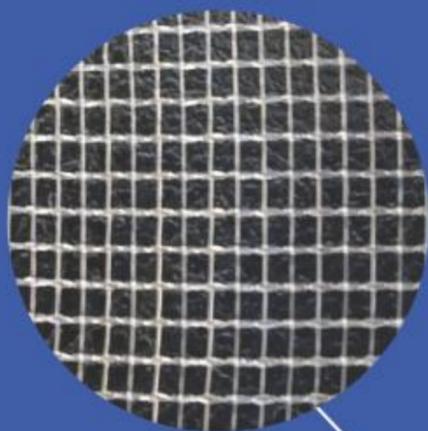
Enables high ventilation



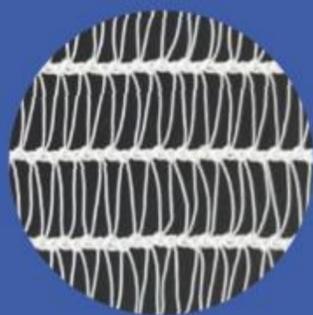
Ideal for all orchard types



BIS approved



Leno



Raschel



Specification	Leno (Woven)	Raschel (Knitted)
Thread Type	HDPE	HDPE
UV Stabilized	Yes	Yes
Shade Factor	18%-22%	18%-22%
Colour	Transparent/black	Transparent
BIS Approved	Yes	Yes
Material	100% Virgin	100% Virgin
Warranty	4 years	4 years

*all parameters are as per testing methods \pm 5%
(Length, Width, Shade Factor, and GSM)



Protect the base of your greenhouse from damage.

The boundary of your greenhouse is always prone to physical damage due to a variety of reasons. This can lead to instability in the structure, soil erosion and even crop damage.

SKIRTING FILM

is a super strong covering to ensure the protection of your structure. It allows 50% more diffused light to enter from the sides. Thereby, increasing photosynthesis in border rows



Special covering
for greenhouse
sides



Double-laminated
woven
fabric



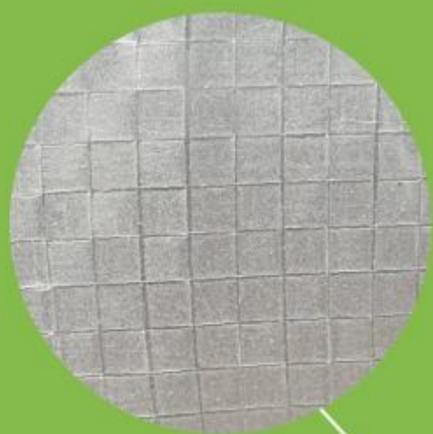
Easy to
stitch and
install



4-year UV
protection
warranty



High-strength
woven
film



Standout Features



Lasts for 5+ years



Helps in increasing CO2 levels inside the greenhouse during morning hours

Product name	GSM Available	Length	Width Available	Recommended for
Skirting Film / Apron Film	140 GSM	100m	1.5, 2.1m	For polyhouses & net houses
	160 GSM	200m	1.5m	

*All parameters are as per standard testing methods $\pm 5\%$. (Length, Width & GSM)



Is your **mulch** **failing to block** **sunlight?**

Your mulch should shield the soil from direct exposure to sunlight. Its failure can lead to weed growth, increased soil temperature, and damaged seedlings.

MULCH

is made from a virgin material that does not allow light transmission and enhances white root development to create a better microclimate for your crop



UV
stabilised



Pesticide-
resistant



Reusable and
easy to remove



Long
lasting



High tensile
strength



White-Black



Silver-Black



Standout Features



Conserves water



Enhances nutrient uptake



Controls soil salinity



Zero light transmission



Hole Customization Available

Product name	Dimensions	Color	Thickness	Key features	Recommended Markets
Ginegar Embossed Mulch	Width 1m, 1.2m Length 1000m	White/Black Silver/Black	25 micron	<ul style="list-style-type: none"> • Cast mulch • Weed control • Improves soil microclimate • Improves fruit color • Improves yield 	<ul style="list-style-type: none"> • White black is recommended for hot areas with temperatures above 30-35°C (summer planting). • Silver/black is recommended for areas with temperatures below 30°C (winter planting).
Agriplast Ginegar Mulch (Up to 24 months UV Warranty)	Width 1m, 1.2m, 1.5m, 2m, 4m Length 400m		25 micron 30 microns 50 microns 100 micron as per requirement	<ul style="list-style-type: none"> • Blown mulch • Weed control • Improves soil microclimate • Improves fruit color • Improves yield 	
Mulch With Hole	Hole Customization Available Up To 1.2m		Customized Holes based on your crop		









Protect your vineyard from fungal diseases.

Vineyards can face heavy losses due to excess moisture, leading to fungal diseases like downy mildew, grey mould, and black rot.

GRAPE COVER

is an advanced PALRING GRP cover designed for vineyards and soft fruits to protect against rain, hail, and fungal infections while enabling flexible harvest timing through Shiny and Diffused light control.



Tear-resistant



UV stabilised



PALRING
Warranty



Easy to install



Double-sided
coating



Long-lasting



Standout Features



Contains IR Additives for warmer foliage on cold nights



Consists of a special reinforced area in the centre



Consists of a special reinforced area with welded rope on the edges



Sewable to insect nets



Made from coated woven polyethylene



Feature	Description / Benefit
Material	PALRING GRP sealed cover with reinforced center and eyelets on both edges
Protection	Shields crops from rain, hail, and moisture-related diseases
Light Control	SHINY Cover (Spring): Creates Greenhouse Effect ▶ warmer ▶ early harvest (up to 3 weeks sooner) DIFFUSED Cover (Autumn): Creates Shadow Effect ▶ cooler ▶ delayed harvest (up to 10 weeks later)
Quality	Prevents moisture build-up ▶ no Grade-B grapes
Durability	UV-treated for long life and superior strength

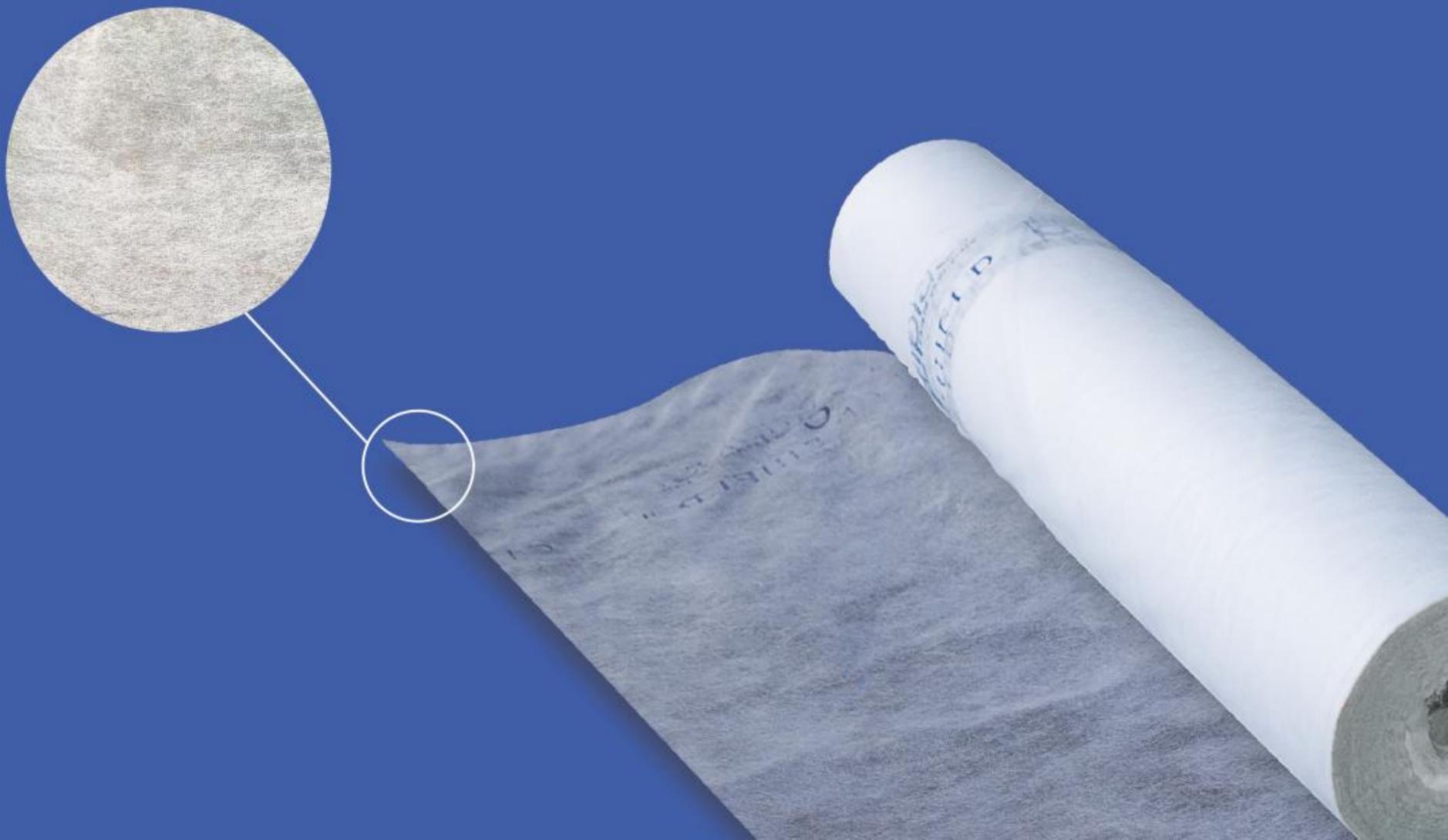


Boost open-field crop growth **with** **protective crop covers**

For open field growers, it is wise to use a crop cover. It protects plants from sunburn, black spotting, and reduces the need for pesticides.

CROP SHIELD

is made of non-woven polypropylene material that can remove both biotic and abiotic stresses from crops. Thus resulting in healthier growth, prolonged harvesting, and better quality of fruits



Standout Features



Improves yields



Reduces use of agrochemicals



Enables off-season farming

Product name	Description	Color	Width	Length	Recommended for
Crop Shield	17 GSM / 25 GSM *Conditions apply	White White White	1.6m 2.13m 3.2m 1.6m	625m	Protection from insects, pests, heavy rains, animal attack, sun burn, frost injuries on vegetables and fruit trees Promotes shorter internodal distance
Reinforced Plastic Stick		White	Dia: 5mm (±5%)	6/8 feet	Reinforced Plastic Stick is used to support crop cover & low tunnels. Rust-proof, long life, smooth & flexible
Crop Cover Holder		Black		50mm	Used to hold the crop cover with reinforced plastic stick.
Banana Shield	17 GSM	White	31.5"	200m	For bananas for better quality and higher yield, to protect against sunburn and insect.
Fruit Shield	17 GSM	White	8"		For fruits like pomegranates, mangoes, avocado, peach, apple, orange, guava, etc.

*All parameters are as per standard testing methods ±5%. (Length, Width & GSM)





Prevent weed growth effectively with Agriplast Weed Mat

Weeds compete with plants for nutrients and negatively impact their growth. And that leads to increased dependency on herbicides.

WEED MAT

stops the growth of unwanted weeds by attaching itself firmly to the ground. Thereby conserving water and reducing the need for chemicals



Long service life



4-year warranty



Fit for greenhouses, orchards and nurseries



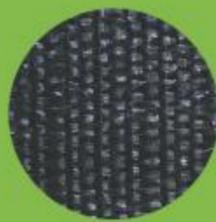
Cost effective solution for weed growth



Prevents soil erosion and reduces labor



White



Black



Black White



Silver Black



Standout Features Weed Mat Nails



Firmly holds Weed Mat in place for years



Made from eco-friendly virgin material

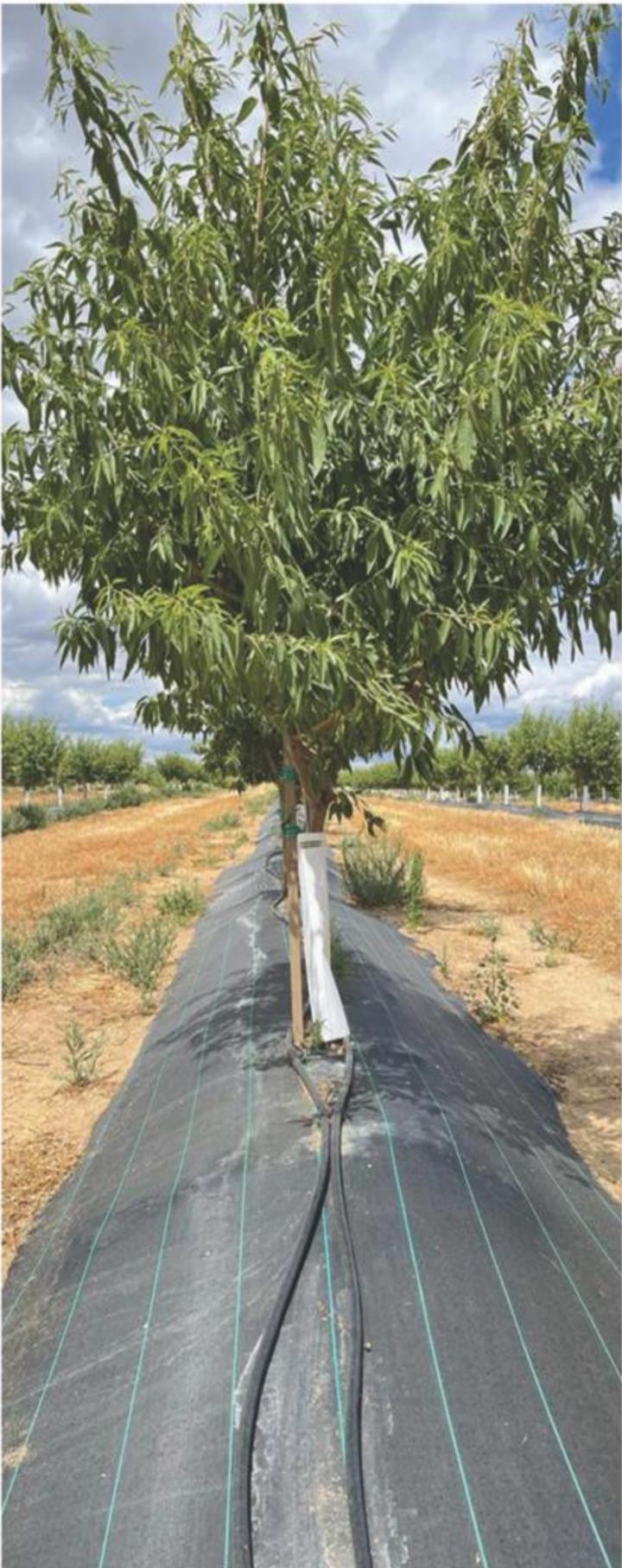


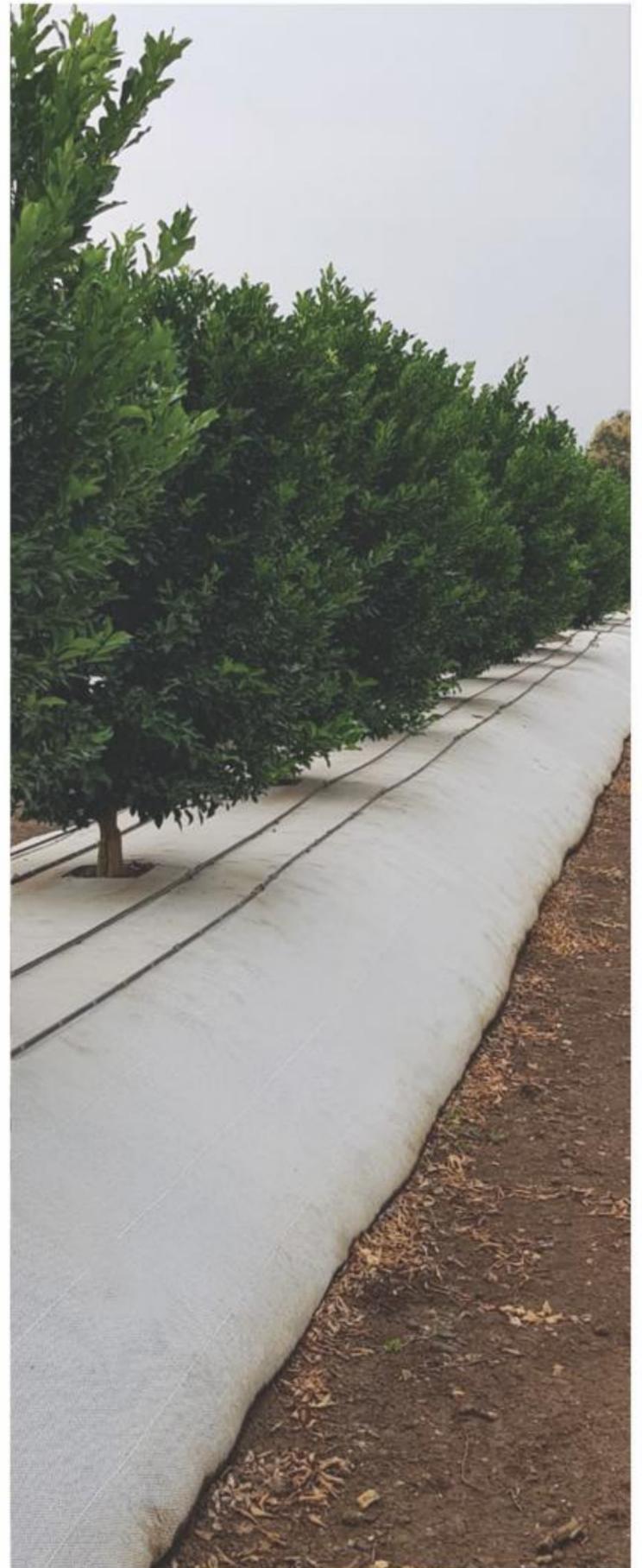
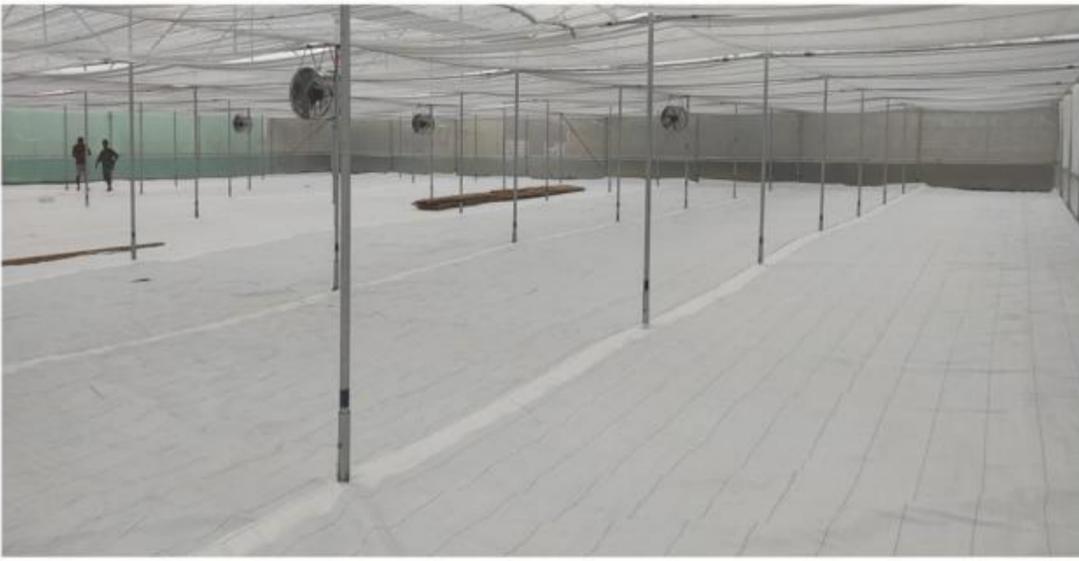
Extra-large cap and conical head for easy use

Product name	GSM available	Color	Width	Length	Recommended for
Agriplast Weed Mat	100 GSM	Black-Black	0.6,0.75,1,1.2,1.5,2,3,4.2,5.2m	100m	Open field, Protected field, Nurseries & Orchards
		Black-White	4.2m		
	130GSM	White-White	4.2m	100m	
Silver Laminated Weed Mat	100 GSM	Silver- Black	1.2,1.5,1.8,2m	100m	Pomegranate Orchards

*All parameters are as per standard testing methods $\pm 5\%$. (Length, Width & GSM)







Do you need a non-chemical method to eliminate soil-borne pests?

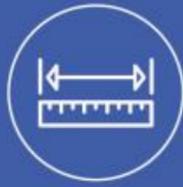
Protect your crops from harmful fungi, bacteria,
and nematodes by using a solarization film to prevent their growth.

SOIL SOLARIZATION FILM

is made of LDPE material that traps heat to make it non-viable for soil-borne pests to grow



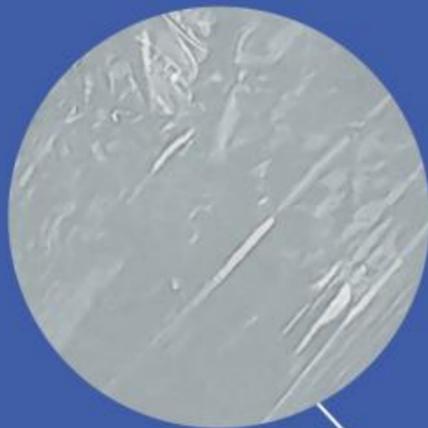
Chemical-free



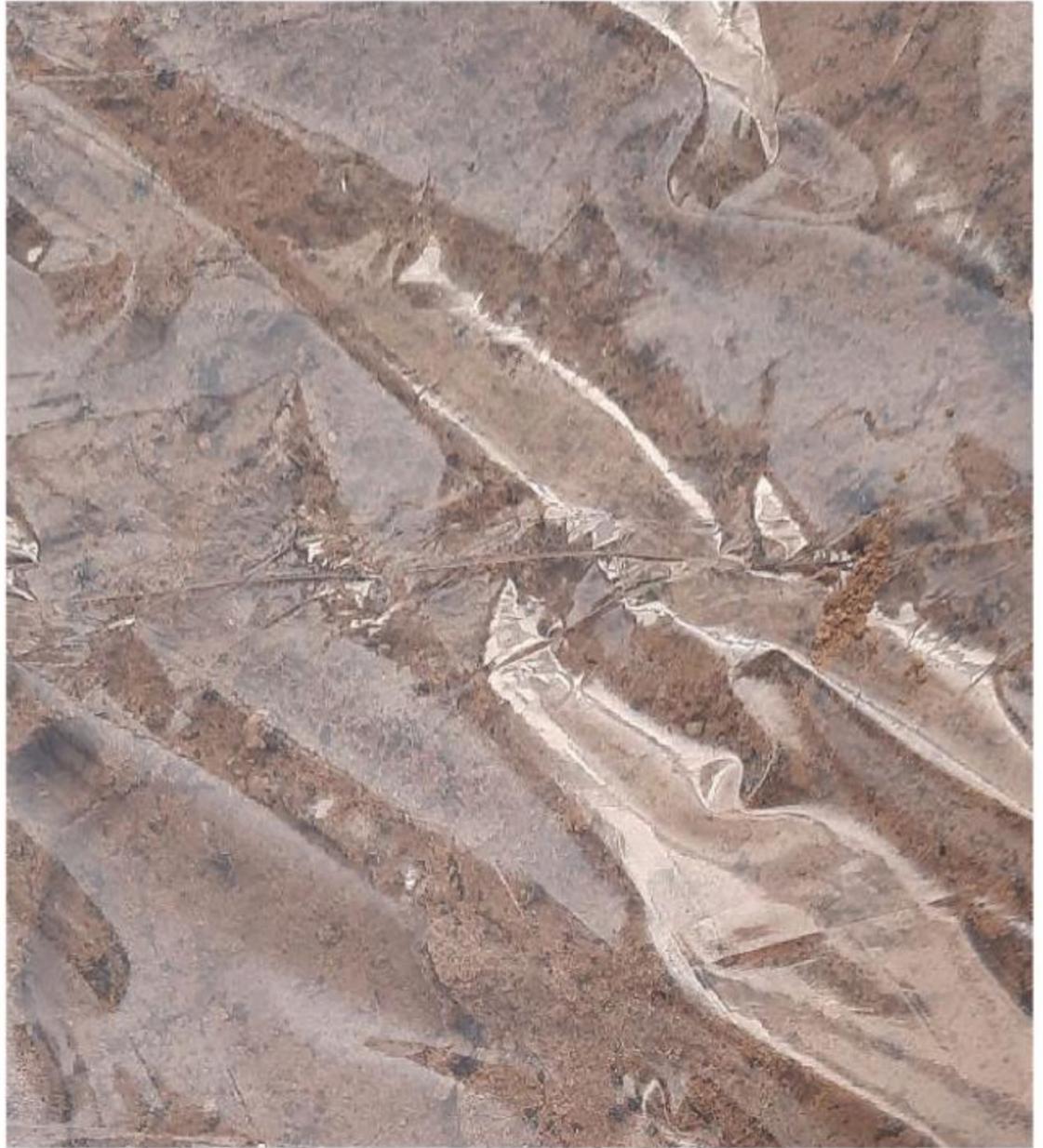
Customisable
measurements



UV stabilised



Specification	Soil Solarization Film
Material	LDPE
Thickness	30 Micron
UV Stabilized	Yes
Color	Transparent
Available Width	2/4m
Available Length	400/200m
Recommended for	Soil solarization



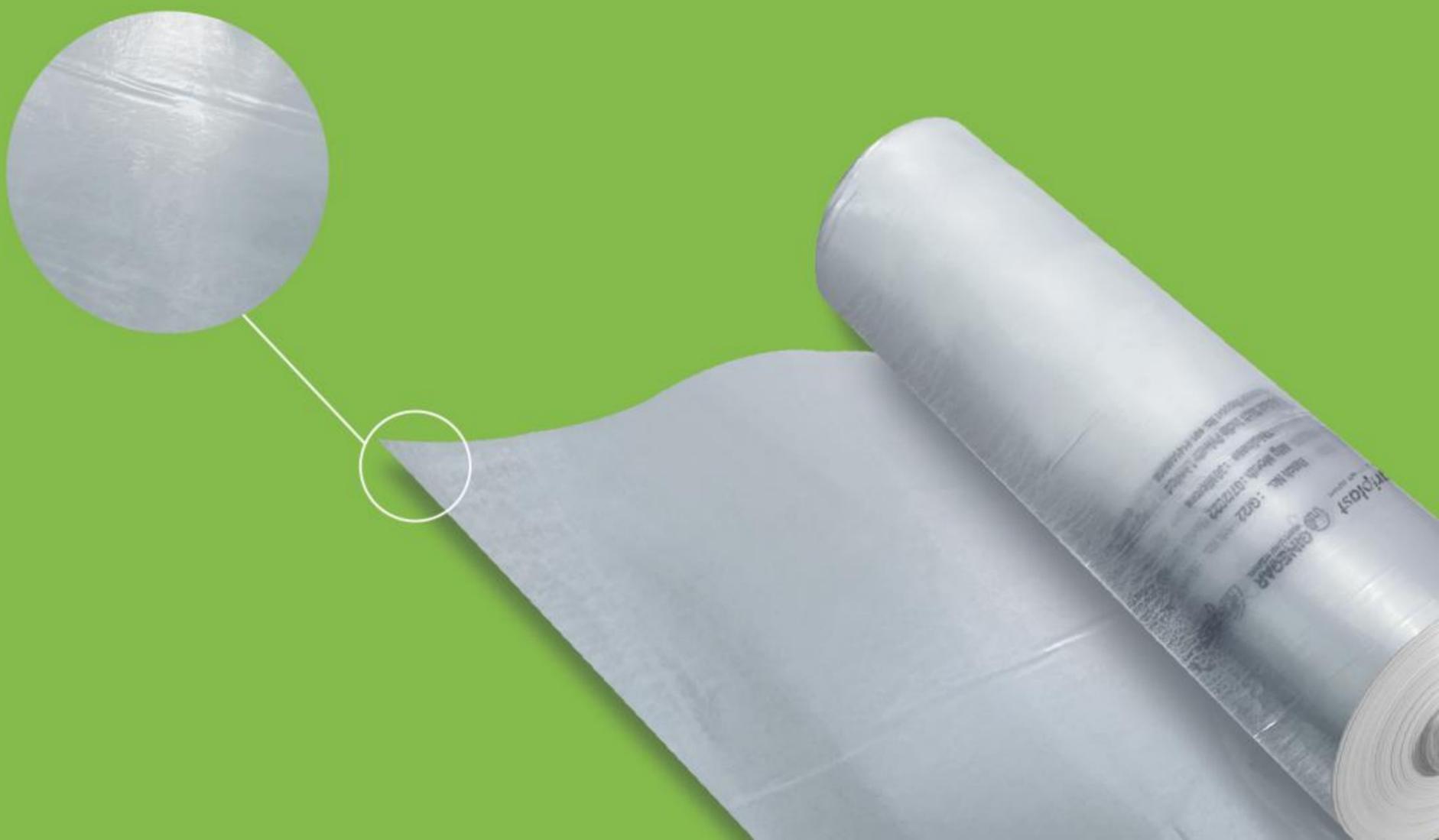


Protect young plants from harsh weather.

A long-lasting plastic film can help you create portable greenhouses for short row crops. This enables you to raise early nurseries during monsoons as well.

LOW TUNNEL FILM

is made of LDPE material that traps CO₂ to increase the rate of photosynthesis and improves your yield



Standout Features

Specification	Low Tunnel Film	
Material	LDPE	LDPE
Thickness	30 Micron	120 Micron
UV Stabilized	Yes	Yes
Color	Transparent	Transparent
Available Width	2/4m	3.5m
Available Length	400/200m	100m
Recommended for	Low tunnel film	Net house, open field



*all parameters are as per testing methods \pm 5% (Length, Width, Shade Factor, and GSM)



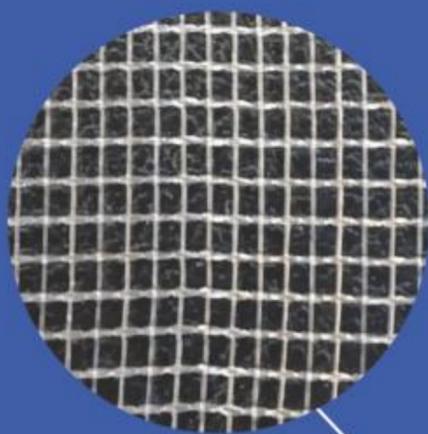


Protect your pomegranate farm from hail and wind damage

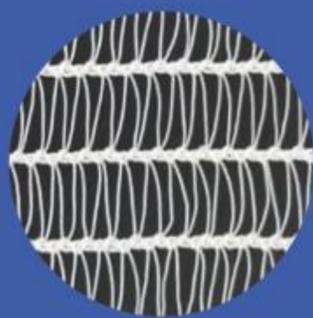
Strong winds and hail can severely affect your pomegranate yield due to forced fruit drops.

POMO-NET

is a specially designed net that protects your pomegranate orchards, from damage during extreme weather conditions



Woven



Knitted



Standout Features



Prevents fruit drop and damage



Improves fruit quality and size



Increases yield



Suitable for both commercial and backyard orchards

Specification	Woven	Knitted
Thread Type	HDPE	HDPE
UV Stabilized	Yes	Yes
Shade Factor	18%-22%	18%-22%
Colour	Transparent	Transparent
BIS Approved	Yes	Yes
Material	100% Virgin	100% Virgin
Warranty	4 years	4 years



*all parameters are as per testing methods \pm 5% (Length, Width, Shade Factor, and GSM)





agriplast[®]
PROTECT. CULTIVATE. ELEVATE.



mapal

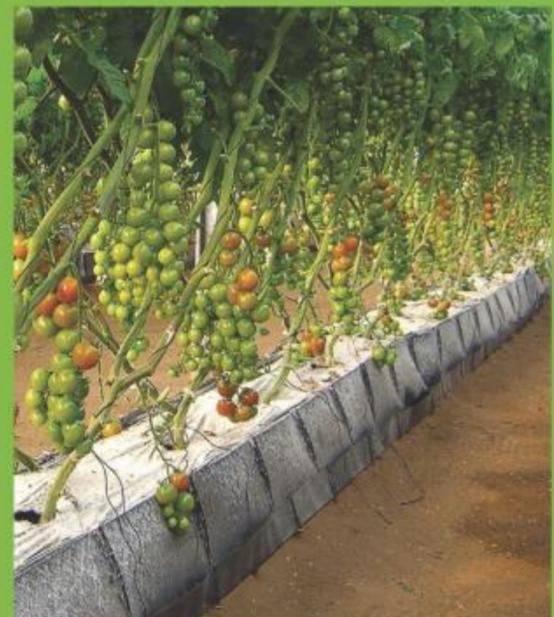
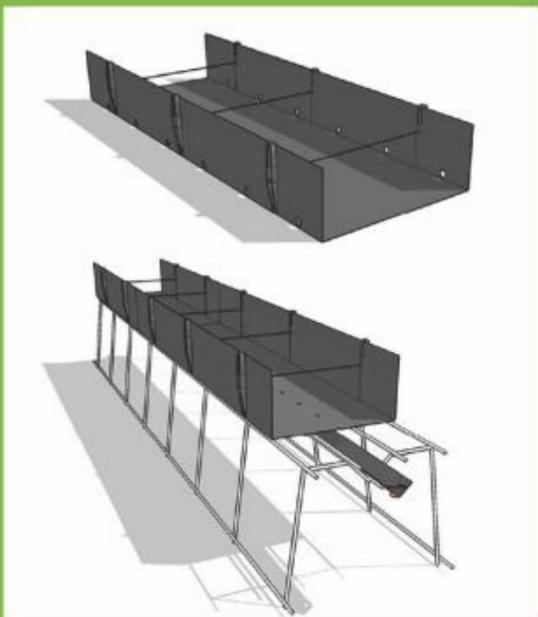
Increase Root Volume and Plant Productivity with Mapal Soilless Trough

Most soilless growers face challenges like uneven drainage, poor root aeration, and nutrient wastage that reduce yields.

Mapal Soilless Trough solves these with durable, UV-stabilised designs that ensure uniform moisture, better root health, and long-term efficiency.

SOIL-LESS TROUGH

is specially designed to enable soilless growers to collect, reuse and recycle the drainage water and nutrients



Standout Features

Product Name	Size (H x W x D)	Key Features	Recommended Market
Vegetable Trough	20 x 40 x 20 cm	For cut flowers, with drainage holes	Roses, Gerberas, Carnations Capsicum, cucumbers, vegetables etc.
Ginger & Turmeric Trough	20 x 100 x 20 cm	Long-format trough for rhizome crops	Ginger, Turmeric, Herbs
Blueberry Trough	30 x 50 x 30 cm	Deep-root trough for perennial crops	Blueberries, Strawberries
DIY Trough For Homes	10 x 20 x 10 cm	Modular design for small-scale or DIY setups	Herbs, Leafy Greens, Microgreens

*All parameters are as per standard testing methods $\pm 5\%$ (Length, Width, Shade Factor, & GSM)



Did you know light decides your yield more than any other factor?

Most farmers still rely on guesswork or lux meters that measure human-visible light — not what plants actually use for photosynthesis.

This results in uneven growth, wasted energy, and inconsistent harvests.

DLI METER

is specially designed to help greenhouse and hydroponic growers measure the Daily Light Integral (DLI) — the total usable light your plants receive in a day — ensuring perfect light balance for optimum growth and yield.



Product Name	Key Features	Recommended Market
Apogee DLI Meter (MQ-3415A)	<ul style="list-style-type: none"> • Measures DLI ($\text{mol}/\text{m}^2/\text{day}$) & PPFD ($\mu\text{mol}/\text{m}^2/\text{s}$) • Real-time & 24-hour tracking • Quantum PAR sensor (400–700 nm) • Accuracy $\pm 5\%$ • Plug & Play, rechargeable battery 	<ul style="list-style-type: none"> • Greenhouses • Hydroponic farms • Nurseries • Research labs

All parameters are as per standard testing methods $\pm 5\%$ (Light Range, Accuracy & Temperature).

For better yield, measure the right light.

Benefits of Using a DLI Meter

- Ensures plants get optimal light for photosynthesis
- Helps control shading, temperature, and irrigation
- Reduces energy wastage and overexposure
- Improves flowering uniformity and crop quality
- Enables data-driven farming — no more guesswork



Are high temperatures inside the greenhouse causing your plants to wilt?

Due to overexposure to sunlight, the temperature inside your greenhouse can rise and negatively impact transpiration in plants. So using a shading solution is important to keep the temperature in check.

*Available in 20 litre buckets

lumiforte smart coating solutions

SOMBRASOL

is a clear white shading film that reflects the optimal amount of heat and improves light transmission after application on greenhouse covers



Non-hazardous



Wear-resistant



One-time application



4-month long service life



Temperature control

Effect	Per ha/acre	Shading*	Wear Resistance	Water Dilution/bucket
Heavy Shading	Buckets 25/10	65%	⊕ ⊕ ⊕ ⊕ ⊕	80L
Normal Shading	Buckets 15/6	50%	⊕ ⊕ ⊕ ⊕ ⊕	100L
Light Shading	Buckets 8/4	30%	⊕ ⊕ ⊕ ⊕ ⊕	150L

*Available in 20 Litre Can

lumiforte smart coating solutions

Topclear®

Topclear® safely removes ReduSystems coatings like Eclipse LD and Transpar, restoring full light transmission and film clarity after each season.



Removes shading coatings easily



Fast, predictable performance



Restores full light clarity



Safe for glass & plastic cover



Compatible with all removable coatings

*Available in 15 kg bucket



Transpar®

Transpar® reflects excess infrared radiation while enhancing light diffusion, keeping plants cooler without affecting growth—ideal for high-value crops in warm, tropical regions.



Reflects heat, not light



Enhances light diffusion



Lowers crop temperature



Highly wear-resistant



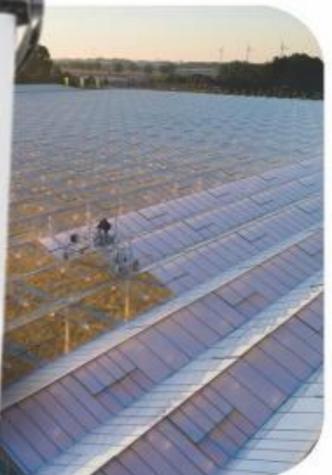
Removable with Topclear

*Available in 15 kg bucket



ReduFlex Blue®

ReduFlex Blue® adjusts blue and infrared light to promote longer stems, improve bud color, and reduce blackening—ideal for roses and other floriculture crops.



Controls light spectrum



Promotes longer stems



Prevents bud blackening



Reduces heat stress



Removable with ReduClean

*Available in 20 Litre Can



AntiCondens® (Plastic 20 L)

AntiCondens® prevents condensation and droplet formation on greenhouse films, improving light transmission, plant health, and reducing disease incidence.



Improves light incidence (up to 20 %)



Prevents droplet formation



Reduces disease (Botrytis)



Wear-resistant for full season



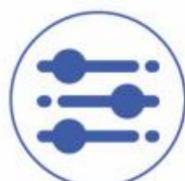
Safe & eco-friendly use

*Available in 20 kg bucket



Eclipse[®] LD

Is A High-performance shading coating for controlled light and heat. It delivers adjustable shading and temperature control with excellent wear resistance, ideal for glass and plastic greenhouses.



Adjustable shading



Highly wear-resistant



More light during rain



Uniform, easy application



4–8-month durability

Parameter	Sombrasol [®]	Eclipse [®] LD	Transpar [®]	ReduFlex Blue [®]	AntiCondens [®]	Topclear [®]
Packaging	20 kg bucket	20 kg bucket	15 kg bucket	15 kg bucket	20 L can	20 L can
Application Rate	6–12 buckets/ha (≈2–5 buckets/acre)	10–30 buckets/ha (≈4–12 buckets/acre)	15–25 buckets/ha (≈6–10 buckets/acre)	10–20 buckets/ha (≈4–8 buckets/acre)	1:15 dilution (60 L/ha + 940 L water)	240 L Topclear + 1,260–1,760 L water/ha
Shading / Light Effect	Temporary shading (adjustable by dilution)	47–72% light reduction	10–24% PAR shading, 22–44% NIR reduction	30–50% (crop dependent, spectrum selective)	Improves light by up to 8% (glass) / 20% (plastic)	—
Durability	≈4 months (weather dependent)	4–8 months	4–6 months	4–6 months	4–6 months (one season)	Single-use per removal
Compatible Surfaces	Plastic, glass, polycarbonate	Glass, polycarbonate, plastic film	Glass and plastic covers	Glass and plastic covers	Inside surface of glass/plastic	Glass, plastic, polycarbonate, acrylic
Temperature / Climate Suitability	Hot & sunny climates – temporary shading	High solar intensity regions	Warm regions – heat reflection without light loss	Moderate to warm climates, floriculture crops	Humid climates – condensation prone houses	All climates (for post-season cleanup)
Removal / Cleaning	Natural wear-off (no cleaner required)	Topclear / Topclear ECO	Topclear / Topclear ECO	ReduClean	No removal needed	—
Unique Feature	Economical summer shading coating	Smart transparency (more light during rain)	Reflects heat but keeps PAR light	Enhances stem length and bud quality	Prevents droplet formation and disease spread	Professional coating remover for ReduSystems coatings
pH (if applicable)						pH 13 (alkaline)
Shelf Life					1 year (0–35°C)	3 years (0–35°C)

Choose the customized Coating for your Farm

Condition	Recommended Product
High heat and excess light	Eclipse [®] LD / Sombrasol [®]
Need heat reflection but high light transmission	Transpar [®]
Post-season cleaning / coating removal	Topclear [®] / Topclear ECO [®]
Condensation or fungal risk inside greenhouse	AntiCondens [®]
Stem elongation and improved flower quality	ReduFlex Blue [®]



Improve greenhouse airflow and maintain ideal leaf temperature.

As much as your greenhouse needs fresh air to move in through vents, it also needs the air to keep moving inside.

AIR CIRCULATION FAN

breaks humidity and ensures proper air circulation inside the greenhouse to guarantee higher crop production



Reduces fungal
diseases



Rust-resistant
stainless steel



Easy to
install



Zero
maintenance



Increases stem
length of roses

General Details	
Model	AP-500
Voltage	220/380 V
Phase	Single
Frequency	50-60 HZ
Power	0.25 KW
Air Volume	6300 M ³ /H
Blade Speed	935 R/min
Effective air throw	18-22m
Size	560x560x380mm
Blades	7



Prevent polyfilm damage with high-quality locking profiles and springs

Choosing the right profile and spring is key to ensuring a longer service life for your greenhouse cladding material.

ALUMINIUM PROFILE

reduces the chance of physical damage to the greenhouse cladding material with smooth edges and a flat bottom to ensure perfect placement

Aluminium profile	Thickness	Length	Application
	0.8mm	4m	To fix greenhouse film, insect net, shadenet etc. in greenhouse structure. Fixed on GI pipe

ZIG-ZAG COATED SPRING

holds the plastic film firmly. It has specially manufactured bends to put less pressure on contact points and ensure equal load distribution

Zig-Zag Coated Spring	Specification	Length Inserted in Profile	Treatment
Model-APSP-01	2.2mm (After Coating)	2m/pcs (to use with 28mm profile)	Fully Coated
Model-APSP-02	2.5mm (After Coating)	2m/pcs (to use with 28mm profile)	Fully Coated





agriplast[®]
PROTECT. CULTIVATE. ELEVATE.

**Not just the big ones.
We also care for your
smaller struggles.**



OUR LIST OF ACCESSORIES



J Hook (80mm)

Recommended application
**Crop support
for trellising**



Self Drill Screw (10mm x 20mm)

Recommended application
**Fixing profiles in
GI structures**



Tomato Clip (Imported)

(Diameter of 23mm
Transparent clear white colour)
Recommended application
**Arresting the plant to
the trellising twine**



Black Trellising Twine (UV stabilised)

Recommended application
**Supporting plants and
stitching of shadenets**



Chain Pulley (Imported)

(Side ventilation screen purpose)
Recommended application
**Operating the side roll-up
curtains in the greenhouse**



GH Film Repair

(Tape made by Agriplast and Ginegar)
Recommended application
**Patching minor damages
in the polyfilm**



Hook

(Heavy-duty steel)
Recommended application
**Secures curtains or shade
nets in place.**



Curtain Rollup

(Manual roll-up gear)
Recommended application
**For easy curtain operation and
airflow control.**



Rose Bud Caps

(10cm)
Recommended application
Protecting rose buds



PP Agri Wire Soft

(Thickness of 8mm
Length of 220m, High strength)
Recommended application
Load bearing



Curtain Clamp

(½ inch ¾ inch)
Holding the polyfilm in place
**Operating the side roll-up
curtains in the greenhouse**

We built the best
infrastructure for us.
So we can create the best
products for you.





We have a team obsessed
with growth.
Both yours and your farm's.



We believe,
with great innovation,
comes great responsibility.





Agriplast Tech India - Sponsor of Bengaluru Midnight Marathon - Agriplast Half Marathon- The Bengaluru Midnight Marathon is a major fundraising event for Rotary Bangalore IT Corridor. The money raised from this event is used to make a real difference in the lives of those who need it the most.



Supporting education for primary government school students

Sewing Machines provided to rural women

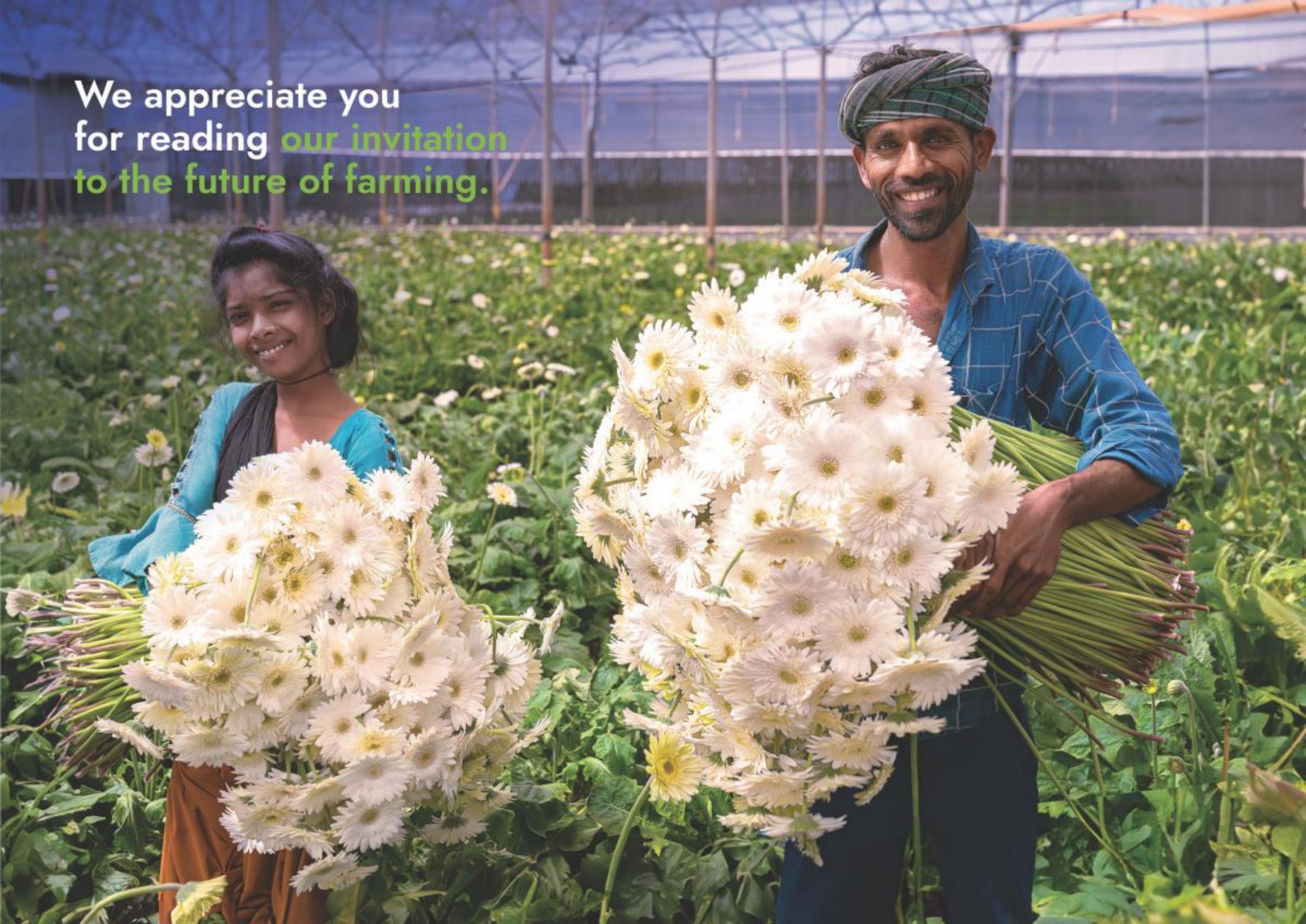


Medical Camp Conducted in Government Primary School



RBITC Breast cancer screening centre

We appreciate you
for reading **our invitation**
to the future of farming.





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