AgroDome™
Projects LLP

Built for Better Growing

BY INNOVATION - QUALITY - EXPERTISE



AgroDome™
Projects LLP

AgroDome Projects LLP brings over a decade of expertise in protected agriculture and controlled cultivation solutions. We design and deliver advanced Greenhouse, Polyhouse, Shade-Net House, and Tunnel systems that enable sustainable, efficient, and climate-resilient farming.

We design every structure based on crop requirements, local weather conditions, site characteristics, and client objectives—ensuring the right balance of strength, ventilation, crop protection, and performance.

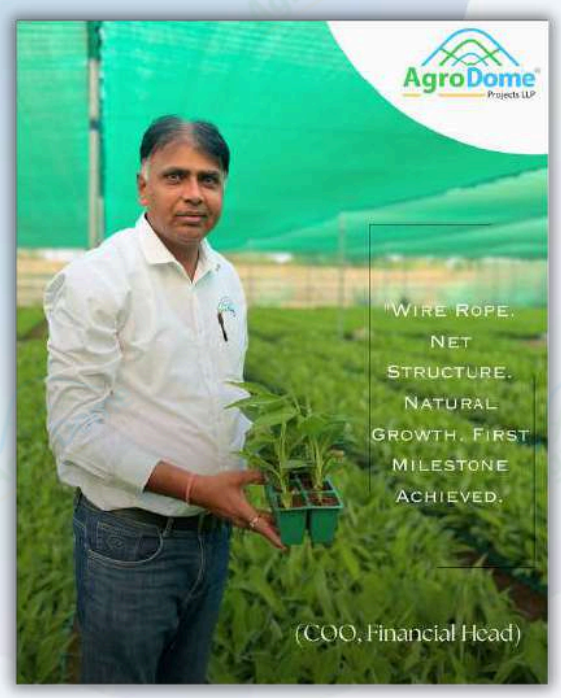
From design and engineering to installation and technical support, we provide reliable turnkey protected cultivation solutions.

Designed Around Your Crop. Engineered for Your Climate. Built for Performance.

To build a **greener,** more productive future for agriculture worldwide



“From Strong Roots to Top Heights in Just Two Years.”



Haresh Senghani

Mr. Haresh Senghani, Co-founder of AgroDome Projects LLP, oversees the company’s accounts, logistics, funds, and material management. His dedication to operational efficiency and resource management plays a vital role in the company’s growth and success.

Mr. Hitesh Limani, Co-founder of AgroDome Projects LLP, is a hardworking and visionary professional passionate about designing and developing innovative, durable greenhouse structures and protected cultivation solutions. With strong marketing expertise and a commitment to continuous learning, he strives to bring new ideas and excellence to the industry with more than 16 years Experience. .



Hitesh Limani

Why Choose AgroDome?

01 **Innovative Design**
We develop innovative, climate-responsive greenhouse designs based on crop requirements.

02 **Expert Supervision**
Backed by years of experience, our supervision team ensures every structure is executed with accuracy, strength, and technical expertise.

03 **Strong & Durable Structures**
Designed with top-grade materials, our greenhouse systems offer unmatched strength, durability, and long-term performance.

04 **Integrated Turnkey Services**
We provide complete turnkey solutions, managing every stage from design to execution for hassle-free project delivery.

05 **Time-Driven Project Planning**
Our team ensures well-structured planning and effective time management at every stage for efficient project delivery.

BUILT FOR BETTER HARVESTS

Smart Greenhouse Solutions. Stronger Futures.

Our Vision

To become India's most trusted and globally recognized company for greenhouse farming solutions, leading the transition toward smart, efficient, and climate-resilient Agriculture .We envision a farming ecosystem where every grower—small or large—has access to technology that supports year-round cultivation, higher profitability, and healthier produce.

Our Mission

- To empower farmers with innovative, durable and affordable protected cultivation systems that enhance crop yield, reduce farming risks, and ensure sustainable agricultural growth.
- We aim to transform Indian agriculture by providing modern greenhouse solutions backed by agronomy support, technical guidance and reliable customer service.

1. Customer Focus —

Understanding each farmer's unique needs, we deliver customized greenhouse solutions that help grow higher-quality crops and improve productivity.

2. Commitment —

We handle every stage of your project with care, delivering seamless execution and reliable results.

3. Decades of Experience —

With over a decade of experience in the greenhouse industry since 2010, we have successfully handled multiple projects with proven knowledge and skills. Experience-driven execution is our key strength.

4. High Performance —

High-performance solutions designed to improve yield, efficiency, and reliability in every project.

Our PMC Scope and Turnkey Service

(Project Management & Consulting)

Understanding Project Goals

➤ **Products (Crops):**
What needs to be grown

➤ **Market:**
Where the produces are intended to be sold

➤ **Financial:**
What's the budget & What's the ROI expectations

➤ **Location:**
Where the project is to be executed

➤ **Gap Analysis:**
Soil (Growing Media), Water, Climate

➤ **Setting Right the Expectations & Outcomes**

Designing the Project

➤ **Location Finding**

➤ **Site Survey**
- Soil analysis
- Water analysis
- Climate control analysis
- Logistics feasibility
- Manpower feasibility
- Ease of management

➤ **Layout and Planning**
- Growing areas (Open field, Covered)
- Internal & external roads
- Water source, storage & drainage
- Power (Electricity, Solar)
- Irrigation
- Storage (Warehouse, Cold Storage)
- Packing & Grading
- Farm produce movement
- Processing & Packaging
- Machineries / Facility
- Weather Station
- Admin Building
- Workers' Colony
- Sanitation
- Vehicles & Parking
- Fencing & External boundary

➤ **Feasibility Study / DPR**
(Detailed Project Report)

Project Execution

➤ **Land Leveling & Civil Works / Construction**
- Fencing, Roads, Buildings, Electricals, Facilities, etc.

➤ **Construction of PC & CEA Structures**
- Greenhouses, Polyhouses, Glasshouses (Design, Procure, Build, Transfer)

➤ **Irrigation**
- Main water line, borewell, head/tank, pumps, pipeline, filtration, fertigation mixing unit, automation

➤ **Automation & Climate Control**
- Weather data collection, Sensors, Motors, Fertigation, Shading, Ventilation, Heating, Cooling

➤ **Growing Media**
- Bed Preparation, Soil & its treatment, Growbags, Cocopeat, Perlite, Vermiculite, Blocks, Slabs, NFT, Hydroponics, etc.
- Growing Bags, Troughs & Trenches

➤ **Planting Material**
- Seeds, Cuttings, Drafting, Seedling Transplantation

➤ **Manpower & SOPs**
- Pre & Post Harvest GFCI organization
- Manpower Plan, JDs & KRIs (Job Descriptions & Key Responsibility Areas)
- KRA (Key Result Areas), KPI (Key Performance Indicators)
- Hiring & Training

AgroDome™ Projects LLP

Global Presence

1000+
Happy Growers

7,00,000
Sq. metres

16 +
Years of Experience



From Our Fields to a Healthier Future

Innovative greenhouse solutions for high-value crops, sustainable farming and a better tomorrow.

Advanced Greenhouse Design

Natural Ventilation & Humidity Control

Building a Greener **Tomorrow**

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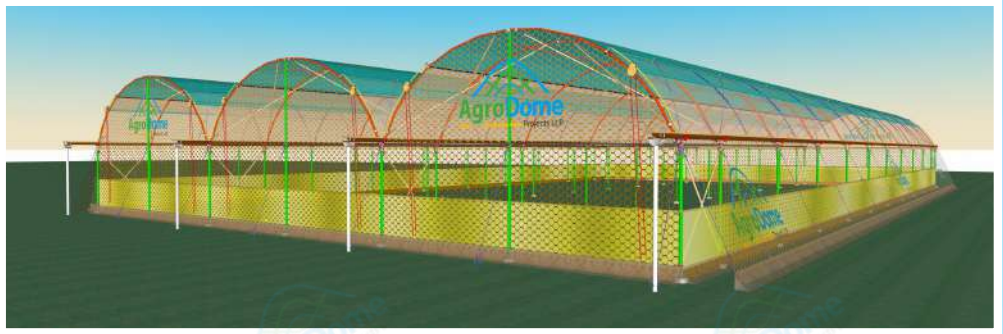
Rainwater Harvesting

High-Value Crops Focus

NHB Subsidy Approved

Multi Span High Tunnel







“ VENTMAX ”

- Integrated protected Farming solutions combining precision drip, Fogger and Automated Fertigation systems with optimized Growing media such as Coco peat, Coco Chips and Perlite.
- Rainwater harvesting and Multi-Span Tunnels with top Ventilation enhance resource efficiency, climate control and crop performance.

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“ VENTO TUNNEL ”

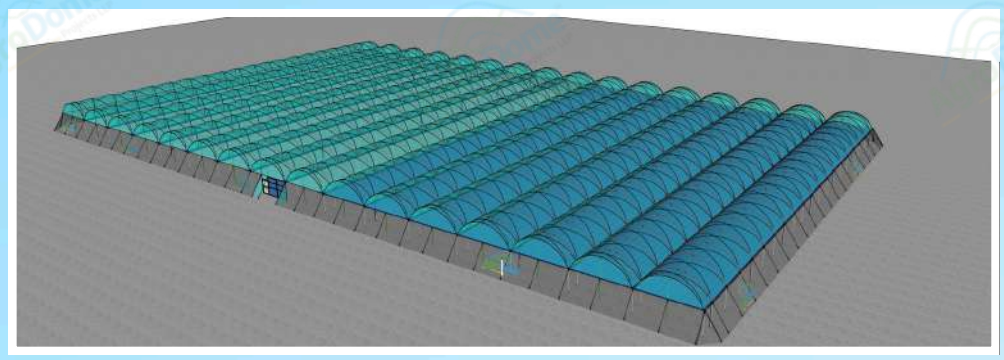
- High-strength tunnel engineered for high-value berry cultivation, combining patented DAIOS-Plastic technology with an advanced top-ventilation system.
- Efficient hot-air removal helps maintain balanced temperature and Humidity, supporting healthier crop growth and improved Berry quality.







“ SPANISH TUNNEL ”





- SPANISH TUNNEL HEAVY-DUTY
- 4.5 m high, Heavy-Duty Structure Designed for superior Airflow, Durability and Berry protection.
- Twin-layer climate control, UV polyfilm & bird netting support healthier growth and improved crop quality.
- Ideal for premium Berry cultivation.





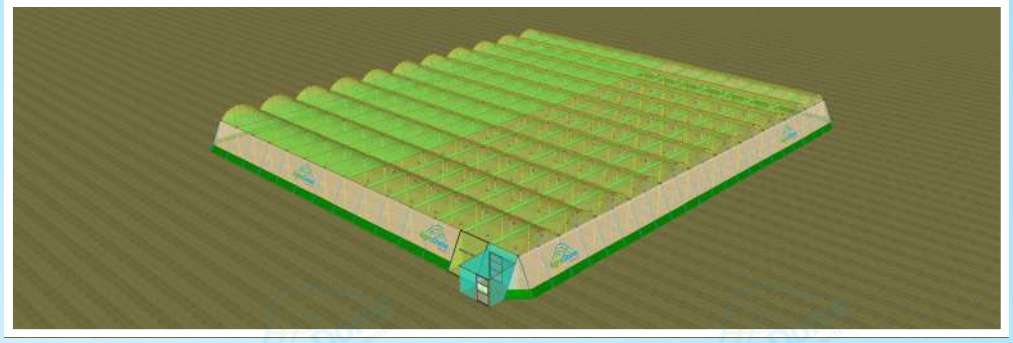




	“VENTMAX“	“VENTO TUNNEL”	“SPANISH TUNNEL”
• Grid	7.2 m x 4 m, 6 m x 4 m , 9.6 m x 4 m , 7.2 m x 3 m ,9.6 m x 3 m	7.2 m x 4 m, 6 m x 4 m , 9.6 m x 4 m , 7.2 m x 3 m ,9.6 m x 3 m	7.2 m x 4 m, 6 m x 4 m , 8 m x 4 m , 7.2 m x 3 m ,9.6 m x 3 m
• Side /Center height	2 m /2.5 m , 2.5 m /2 m , 2.5 m /2.5 m	2 m /2.5 m , 2.5 m /2 m , 2.5 m /2.5 m	2 m /2.5 m , 2.5 m /2 m , 2.5 m /2.5 m
• Side corridorrs	1.5 m, 2 m , 2.5 m, 3 m	1.5 m, 2 m , 2.5 m, 3 m	1.5 m, 2 m , 2.5 m, 3 m
• Top covering	Poly film and Shad net , Bird net	Poly film and Shad net , Bird net	Poly film and Shad net , Bird net
• Side & top ventilation	Insect net, Bird net	Insect net, Bird net	Insect net, Bird net
• Irrigation	Fogging system ,Inline irrigation , Online irrigation system	Fogging system ,Inline irrigation , Online irrigation system	Fogging system ,Inline irrigation , Online irrigation system
• Crop support	Trellising system	Trellising system	Trellising system

Dome Roof Net House - Dome Roof Polyhouse







“ DRNH STANDARD ”

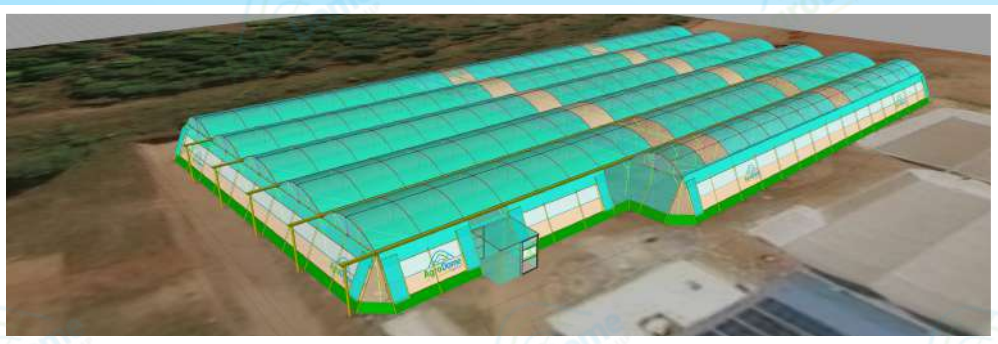
- A specialized protected Structure Designed for Nursery production, tissue-culture hardening and healthy development of young Plants.
- Ideal for seedlings, saplings, floriculture and selected Vegetable & fruit crops.
- Available in 6×4 m, 8×4 m and 10×4 m grid options, with 3 m or 4 m height as required.

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“ DRPNH ”

- Enhanced temperature & Humidity control through side roll-up and top Ventilation with Insect-Net protection.
- Improved crop protection & resource efficiency with double-layer covering, Rainwater harvesting, drip Irrigation and Fogging.

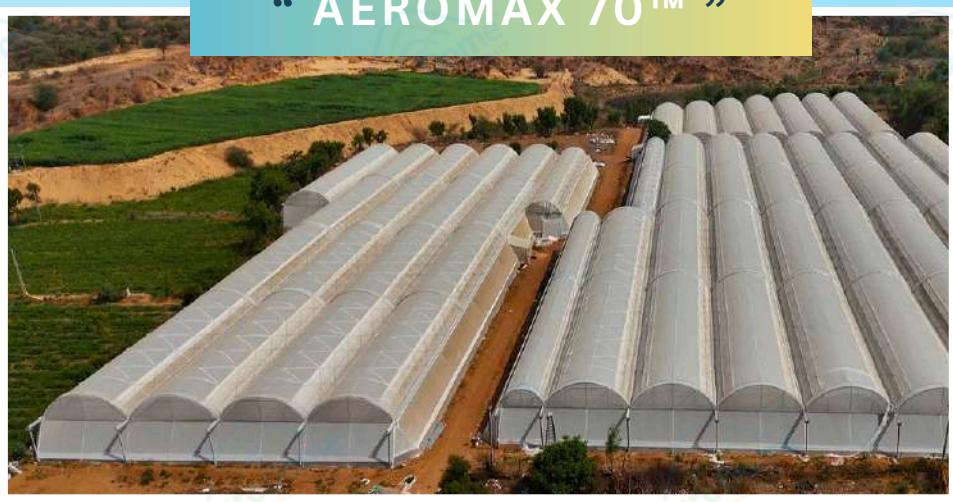








“ AEROMAX 70™ ”



- High-performance Structure for high-value crops, providing up to 68% Ventilation for better temperature and Humidity control.
- Rainwater harvesting • Drip & Fogger • Double-layer protection • UV-stabilized cool polyfilm

  Grid: 8 × 4 m | 12 × 4 m12 × 4 m










	DRNH STANDARD	DRPNH	AEROMAX 70™
• Grid	6 m X 4 m , 8 m X 4 m	6 m X 4 m , 8 m X 4 m , 8 m X 3 m , 6 m X 3m	9.6 m X 4 m , 12 m x 4 m
• Ventilation ratio	100 %	27 %	70 %
• Side /Center height	4 m / 1.5 m , 3 m / 5 m , 4.5 m / 6 m	4 m / 1.5 m , 3 m /1.5 m , 4.5 m / 1.5 m	4 m / 6.5 m, 3.5m / 5.5 m
• Side corridorrs	1.5 m , 2 m , 2.5 m	1.5m , 2 m , 2.5 m	2 m , 2.5 m
• Top covering	5/7 Layer Smart UVS Polyethylene	5/7 Layer Smart UVS Polyethylene , Shade net	0.800 to 0.1 5/7 layer smart UVS Polyethylene Films / Bird Net
• Side & top ventilation	Insect net , Shade net ,Bird net	Insect net , Poly films , Apron	Insect net , Shade net ,Bird net ,Apron
• Irrigation	Fogging system ,Inline irrigation , Online irrigation system ,Sprinkler system	Fogging system ,Inline irrigation , Online irrigation system ,Sprinkler system	Fogging system , Sprinkler system , Inline irrigation , Online irrigation system
• Crop support	Trellising system	Trellising system	Trellising system

Naturally Ventilated - POLY HOUSE - NVPH





- A standard Naturally Ventilated PolyHouse Designed for small-scale farming and general Vegetable and Fruit cultivation, with approximately 28% Ventilation for effective Natural Airflow.
- An NHB subsidy-eligible structure with a standard 4 m gutter height and 6.5 m apex height, suitable for reliable and economical protected cultivation.



"STANDARD NVPH"

AgroDome Projects LLP

" AIRVENTI ONE™ "

- AGRODOME "AIRVENTI ONE™" is an advanced Naturally Ventilated PolyHouse Designed for hot and High-Humidity regions, with integrated top and side Ventilation for improved airflow and natural Humidity management. With up to 52% Ventilation, it enables all-season commercial cultivation of Vegetables and high-value crops and is eligible under the NHB subsidy scheme.

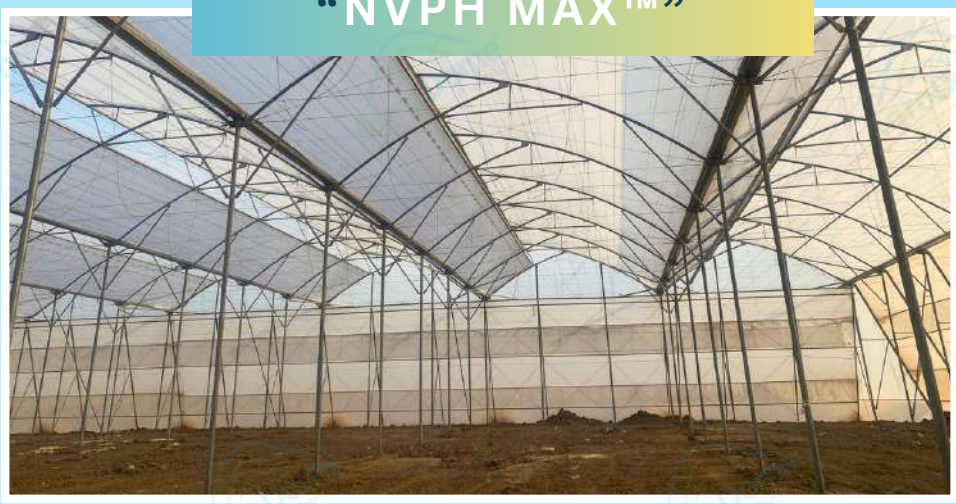




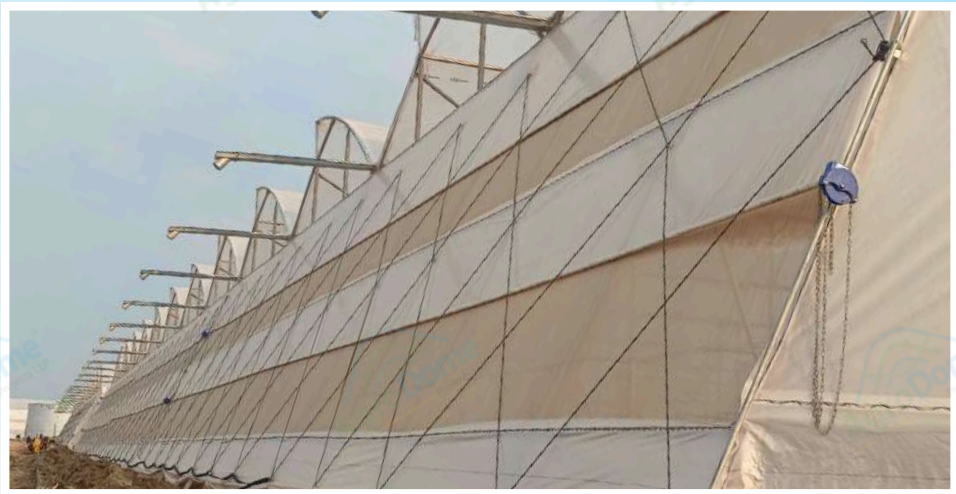


“NVPH MAX™”





- Designed for hot, high-temperature and heavy-wind conditions, with a 40% Ventilation ratio for improved natural Airflow.
- Dual-side Ventilation supports Humidity management, making it ideal for Vegetables, Fruits and high-value crops.















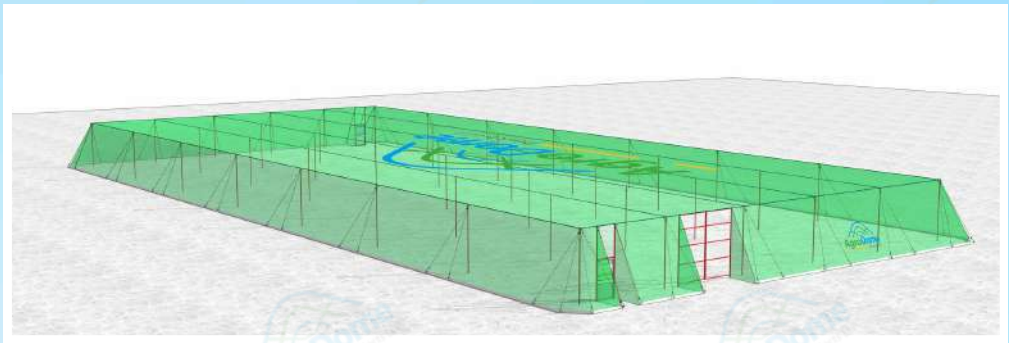
	“STANDARD NVPH”	AIRVENTI ONE™	NVPH MAX™
• Grid	8 m X 4 m	8 m X 4 m	9.6 m X 4 m , 12 m x 4 m
• Ventilation ratio	27 %	52 %	40 %
• Side /Center height	4 m /2.5 m , 3m /5.5 m	4 m /2.5 m , m /5.5 m	4.5 m /7 m , 5 m /7.5 m, 5.5 m / 8 m
• Side corridorrs	1.5 m, 2 m	1.5 m, 2 m	2.5 m, 3 m
• Top covering	0.800 to 0.1 5/7 layer smart UVS Polyethylene Films	0.800 to 0.1 5/7 layer smart UVS Polyethylene Films/ Insect Net	0.800 to 0.1 5/7 layer smart UVS Polyethylene Films / Bird Net
• Side & top ventilation	Insect net, Skirting Fabric 3m	Insect net, Skirting Fabric 3m / 2.1m	Insect net ,Skirting Fabric 2.3 m
• Irrigation	Fogging system , Sprinkler system , Inline irrigation , Online irrigation system	Fogging system , Sprinkler system , Inline irrigation , Online irrigation system	Fogging system , Sprinkler system , Inline irrigation , Online irrigation system
• Crop support	Trellising system	Trellising system	Trellising system

Wire Rope - Cable Perline Net House





“ WRNH STANDARD ”



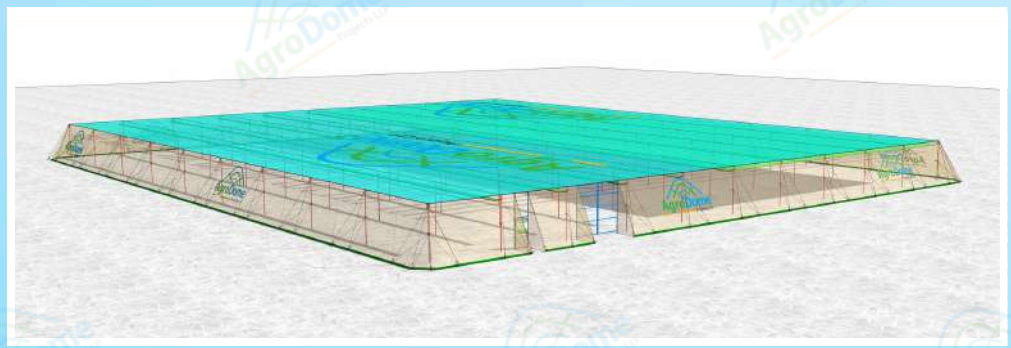
- A high-strength Wire Rope Structure Designed for Nurseries, seedlings, tissue culture plant hardening and Vegetable crops, with shade-net covering for a protected growing Environment.
- Available in 8 × 6 m and 10 × 6 m modules with a 3 m height, offering a practical and Economical solution for efficient Nursery and crop production.

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“ WRNH REGULAR ”

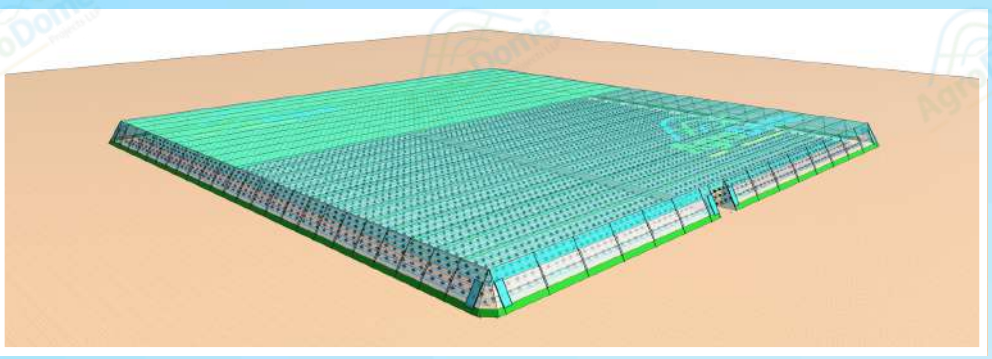
- A durable cable rope Structure Designed for regular Vegetable and Fruit cultivation, with options for second-layer covering, fogger, drip Irrigation and integrated trellising support.
- Available in 4 m and 5 m heights with an 8 × 6 m grid—4 m for regular crops and 5 m for high-wind/desert conditions and taller crops such as Banana and Papaya.

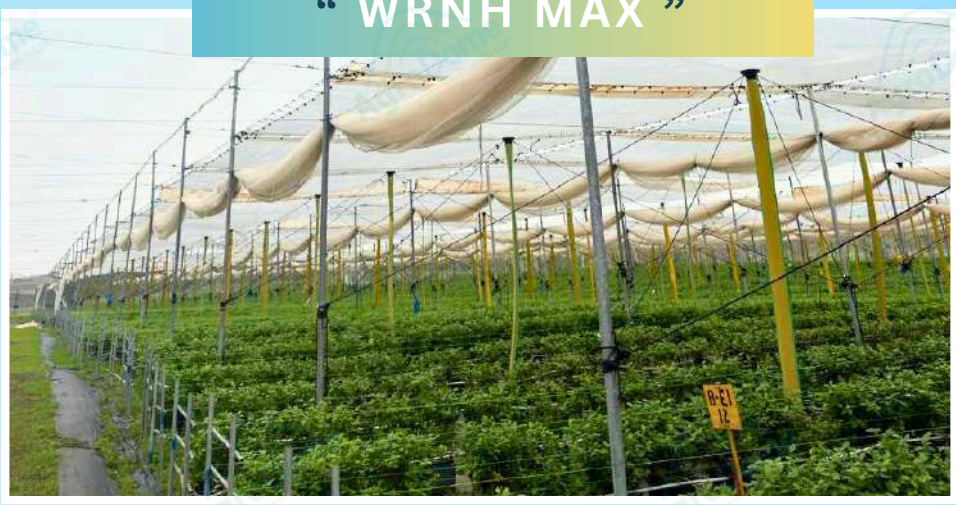






“ WRNH MAX ”





- A premium wire-rope net house designed for high-value Vegetable and Fruit cultivation, with integrated drip, fogger/mister and Rainwater harvesting options for efficient crop management.
- Featuring 3 m side roll-up ventilation for enhanced Natural airflow and all-season cultivation, available in 4 m and 5 m heights for different crop and site requirements.

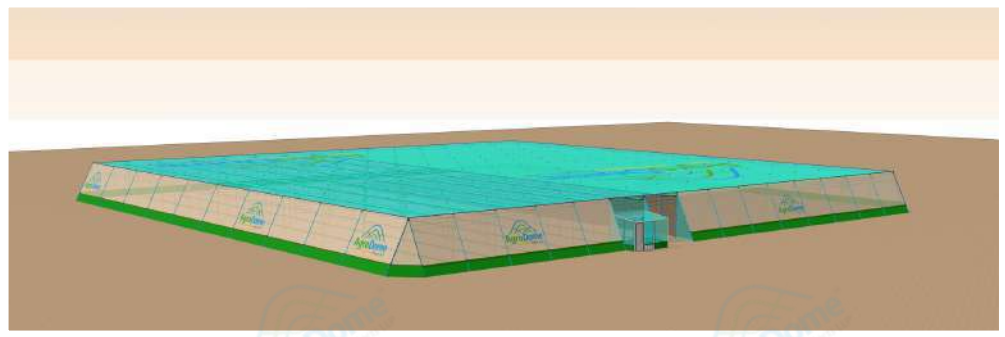




	“WRNH STANDARD”	“WRNH REGULAR”	“WRNH MAX”
• Grid	8 m x 6 m ,10 m x 6 m , 8 m x 5 m ,12 m x 6 m	8 m x 6 m ,10 m x 6 m ,8 m x 5 m ,12 m x 6 m	8 m x 6 m ,10 m x 6 m ,8 m x 5 m ,12 m x 6 m
• Side /Center height	3 m , 4 m	3 m ,4 m ,5 m ,6 m	3 m ,4 m ,5 m ,6 m
• Side corridorrs	1.5 m, 2 m	1.5 m, 2 m , 2.5 m, 3 m	2.5 m, 3 m
• Top covering	Insect Net , Shade Net	Insect Net , Shade Net	Insect Net , Shade Net
• Side & top ventilation	Insect Net , Shade Net	Insect Net , Shade Net	nsect net ,Skirting Fabric 2.3 m
• Irrigation	Sprinkler system , fogging system	Fogging system ,Inline irrigation , Online irrigation system	Fogging system ,Inline irrigation , Online irrigation system
• Crop support	Trellising system	Trellising system	Trellising system

Flat Roof Net House







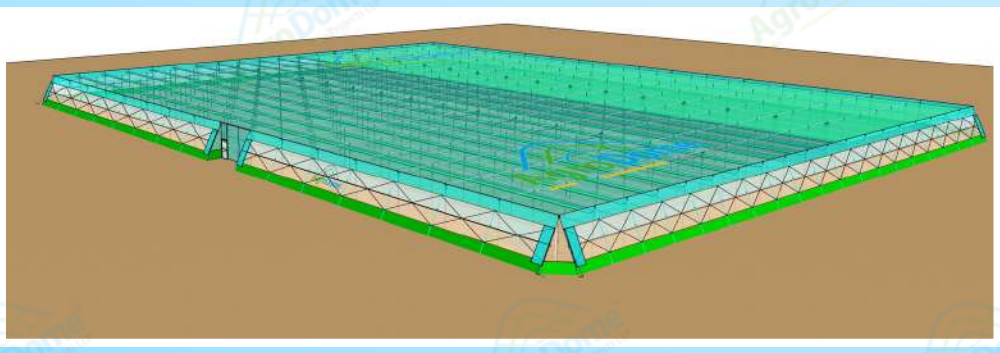
“ FRNH STANDARD ”

- Durable net house for Vegetables, Fruits, Nursery and tissue culture hardening, with sunlight, temperature and Humidity control.
- Available in 6 × 4 m & 6 × 6 m grids, 4 m height, NHB subsidy-eligible, with optional drip, fogger, second-layer shading and crop-support trellising.

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“ FRNH SMARTNET™ ”

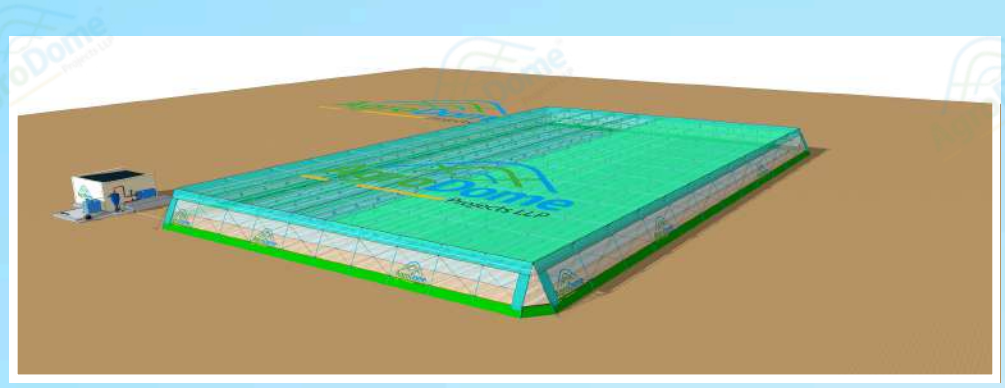
- Designed for vegetables, fruits, nursery and tissue culture hardening, with effective sunlight, temperature and humidity management.
- Available in 6 × 4 m and 6 × 6 m grids with 4 m height, with optional drip, fogger/misting, second-layer shading, trellising and side roll-up curtains for enhanced ventilation and crop protection.







“ FRNH MAX™ ”





- Premium, high-strength Net House Designed for high-value Vegetables, Fruits, Nursery and tissue-culture crops.
- 6 × 4 m & 6 × 6 m grids, 4 m height, with optional drip, fogger, shading, trellising, roll-up curtains and rainwater harvesting for protected all-season cultivation.











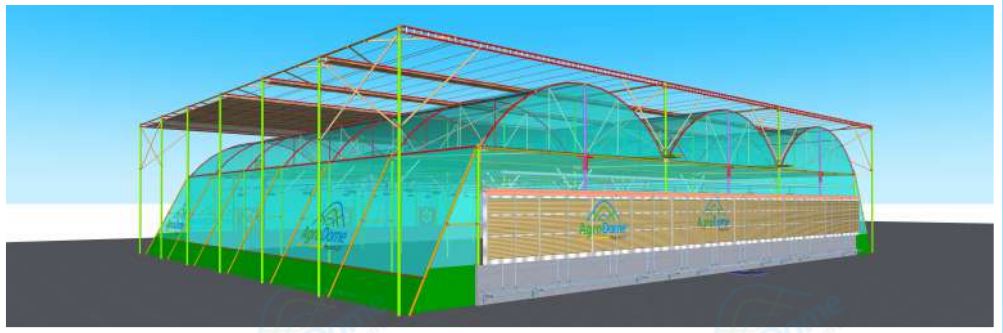




	FRNH STANDARD	FRNH SMARTNET™	FRNH MAX™
• Grid	6 m X 4 m , 4 m X 4 m , 6 m X 6m	6 m X 4 m , 4 m X 4 m , 6 m X 6m	6 m X 4 m , 4 m X 4 m , 6 m X 6m
• Side /Center height	3m , 4 m , 5 m , 6 m	3m , 4 m , 5 m , 6 m	3m , 4 m , 5 m , 6 m
• Side corridorrs	1.5m , 2 m , 2.5 m , 3 m	1.5m , 2 m , 2.5 m , 3 m	1.5m , 2 m , 2.5 m , 3 m
• Top covering	125 GSM Mono X Mono Net	125 GSM Mono X Mono Net	125 GSM Mono X Mono Net
• Side & top ventilation	Insect net, appron fabric	Insect net, Skirting Fabric 3m	Insect net, Skirting Fabric 3m
• Irrigation	Fogging system ,Inline irrigation , Online irrigation system ,Sprinkler system	Fogging system ,Inline irrigation , Online irrigation system ,Sprinkler system	Fogging system ,Inline irrigation , Online irrigation system ,Sprinkler system
• Crop support	Trellising system	Trellising system	Trellising system

Fan & Pad Structure







“ AEROCOOL GREENHOUSE™ ”

- Designed for Hydroponics, Berries and high-value crops, this fully Automated climate-controlled Greenhouse helps maintain balanced temperature, Humidity, Airflow and light for healthier growth, better quality and higher yield potential.

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“ FAN & PAD STANDARD GREEN HOUSE ”

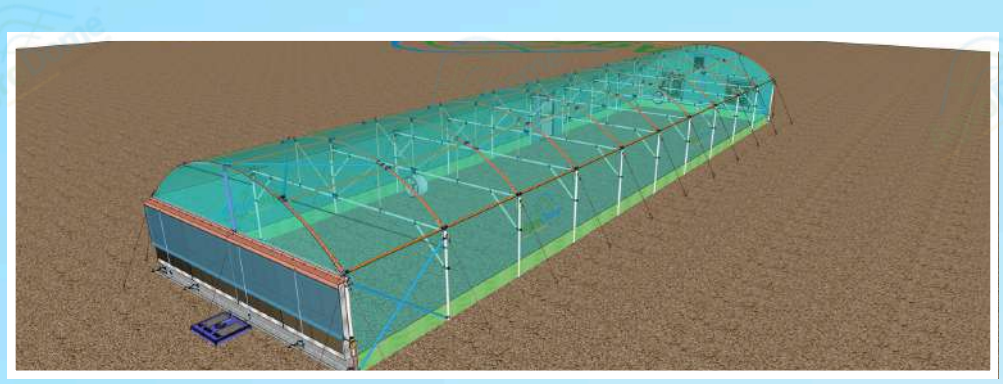
- Designed for tissue culture, exotic vegetables, microgreens, mushrooms and hydroponic farming, with precise internal climate control for extreme-weather regions. Its optional second-layer sliding roof provides enhanced insulation and control of temperature, humidity and light for optimal crop growth.







" SINGLE SPAN FPPH "





- Designed for Flower cultivation, exotic Vegetables and leafy greens, with controlled temperature, sunlight and Humidity for healthier crop growth and better quality. Its strong Dome Structure withstands harsh weather conditions while providing an Economical solution for small-area protected cultivation.











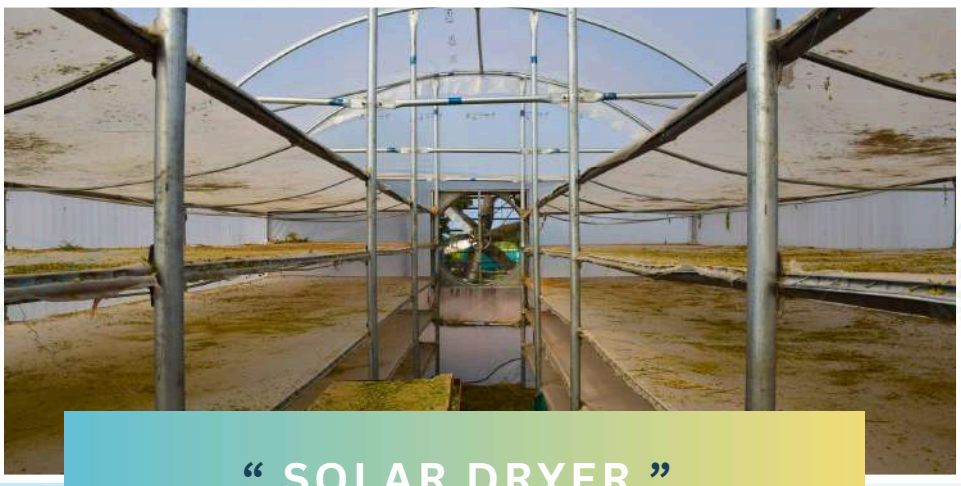




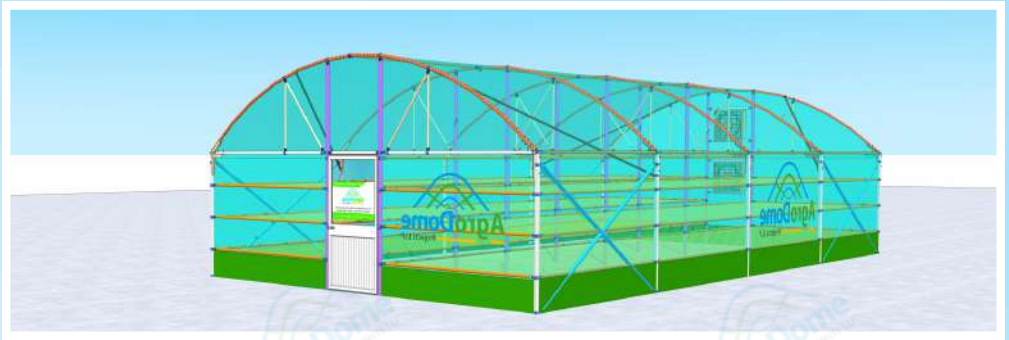
	AEROCOOL GREENHOUSE™	FAN & PAD GREENHOUSE	SINGLE SPAN FPPH
• Grid	8 m X 4 m , 8 m X 3 m ,10 m X 4m	8 m X 4 m , 8 m X 3 m ,10 m X 4m	6 m x 4 m , 6 m x 3 m , 8 m x 4 m , 5 m x 3 m , 8 m x 3 m
• Side /Center height	3 m / 5 m , 4 m / 5.5 m , 4.5 m / 6 m	3 m / 5.5 m , 4 m / 6 m , 4.5 m / 6.5 m	4 m /1.7 m , 3 m /1.7 m , 2.5 m /1.7 m , 3.5 m /1.7 m
• Side corridorrs	1.5 m , 2 m , 2 .5 m	1.5 m , 2 m , 2 .5 m	1 m ,1.5 m ,2 m
• Top covering	5/7 layer UVS Polyethylene films	5/7 layer UVS Polyethylene films	5/7 Layer smart UVS Polyethylene films & Shade net
• Side & top ventilation	6 mm /10 mm UVS Twin wall Polycarbonate sheet , Poly film , Insect net , Skirting fabric	6 mm /10 mm UVS Twin wall Polycarbonate sheet , Poly film , Insect net , Skirting fabric	5/7 Layer smart UVS Polyethylene films , apron fabric
• Irrigation	Fogging system ,Inline irrigation , Online irrigation system ,Sprinkler system	Fogging system ,Inline irrigation , Online irrigation system ,Sprinkler system	Fogging system ,Inline irrigation , Online irrigation system ,Sprinkler system
• Crop support	Trellising system	Trellising system	Trellising system

Solar Dryer





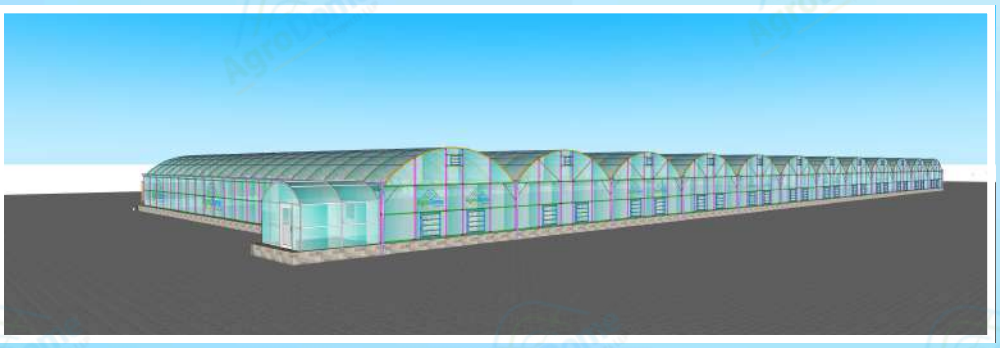
“ SOLAR DRYER ”



- A protected Solar drying Structure Designed for hygienic and efficient drying of Fruits, Vegetables, Spices, Grains, Pulses and other Farm produce.
- Provides protection from dust, insects and rain while supporting faster drying, reduced post-harvest losses and improved produce quality.

AgroDome Projects LLP

- Designed for high-value crops in high-temperature, arid and low-snow regions, providing a protected environment for year-round cultivation.
- Polycarbonate cladding helps protect crops from harsh sunlight, UV exposure, pests and weather extremes while supporting stable growing conditions and an extended growing season.



“ THERMOSHIELD GREENHOUSE ”





" SINGLE SPAN NVPH "





- Ideal for Flowers, exotic vegetables & leafy greens, with controlled growing conditions.
- Strong, weather-resistant and Economical solution for small-scale protected farming.











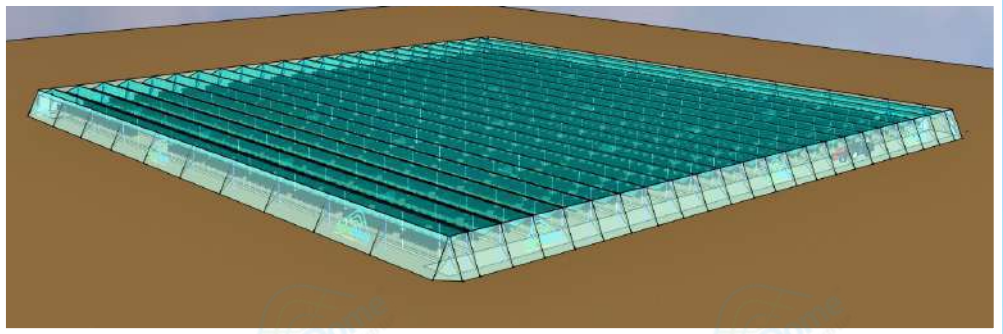




	SOLAR DRYER	THERMOSHIELD GREENHOUSE	SINGLE SPAN NVPH
• Grid	6 m x 4 m , 6 m x 3 m , 8 m x 4 m , 5 m x 3 m	8 m X 2.1 m , 6 m X 2.1 m , 9.6 m X 2.1 m , 7 m X 2.1 m	6 m x 4 m , 8 m x 4 m , 6 m x 3m , 8 m x 3 m , 10 m x 4 m
• Side /Center height	4 m / 2 m , 3 m / 2 m	2.5 m / 4.5 m , 3 m / 5 m , 4 m / 6 m , 4 m / 5.5 m	2.5 m / 2.5 m , 3 m / 2.5 m , 4 m / 2.5 m
• Side corridorrs	As per requirement	3 m , 2 m	1 m , 2 m , 2.5 m
• Top covering	5/7 Layer smart UVS Polyethylene films (200 micron clear)	4 mm / 6 mm / 8 mm by Polycarbonate sheet	5/7 layer smart UVS Polyethylene films
• Side & top ventilation	5/7 Layer smart UVS Polyethylene films (200 micron clear) ,apron	4 mm / 6 mm / 8 mm by Polycarbonate sheet	5/7 Layer smart UVS Polyethylene films
• Irrigation	Not applicable	Fogging system ,Inline irrigation , Online irrigation system ,Sprinkler system	Fogging system ,Inline irrigation , Online irrigation system ,Sprinkler system
• Crop support	Not applicable	Trellising system	Trellising system

Fruit -Orchard Structure







“ PEAR -APPLE ORCHARD ”

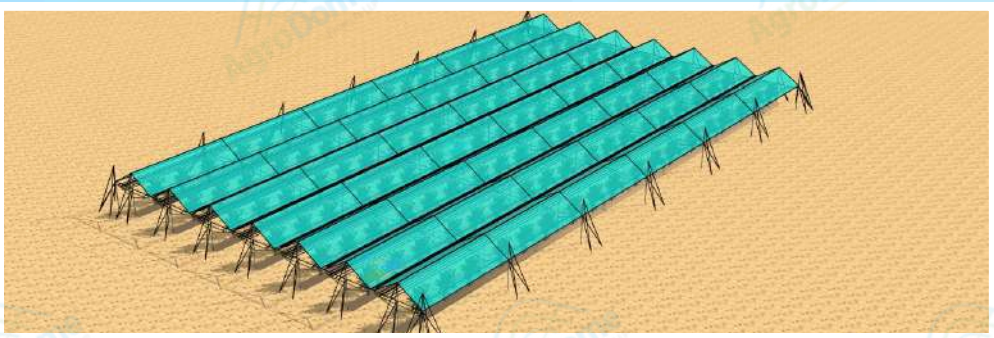
- Specially Designed Orchard Structure for Apple and Pear cultivation, particularly suited to hail-prone and challenging growing regions.
- Provides protection from Hail and Harsh weather while supporting high-density planting, crop management, heavy crop loads and improved Fruit quality.
-

AgroDome Projects LLP

“ GRAPES ORCHARD ”

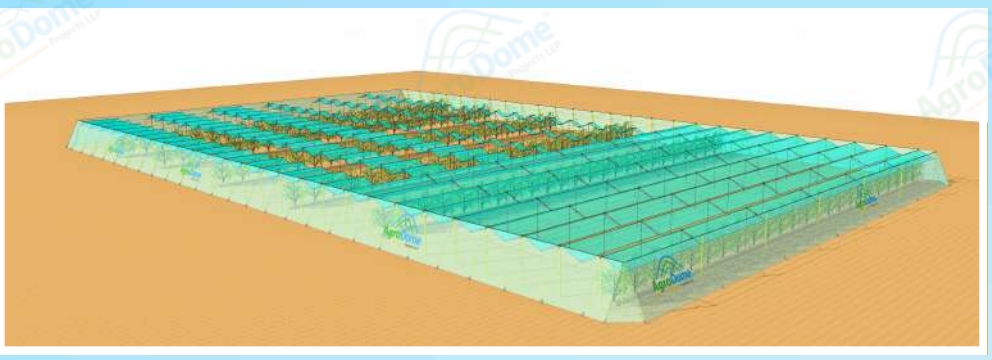
- Specially Designed for Grapes cultivation, providing protection against wind, frost, rain, snow and other harsh weather conditions.
- Customizable sliding and ventilation options help manage light and growing conditions, supporting healthier vines and extended off-season production.

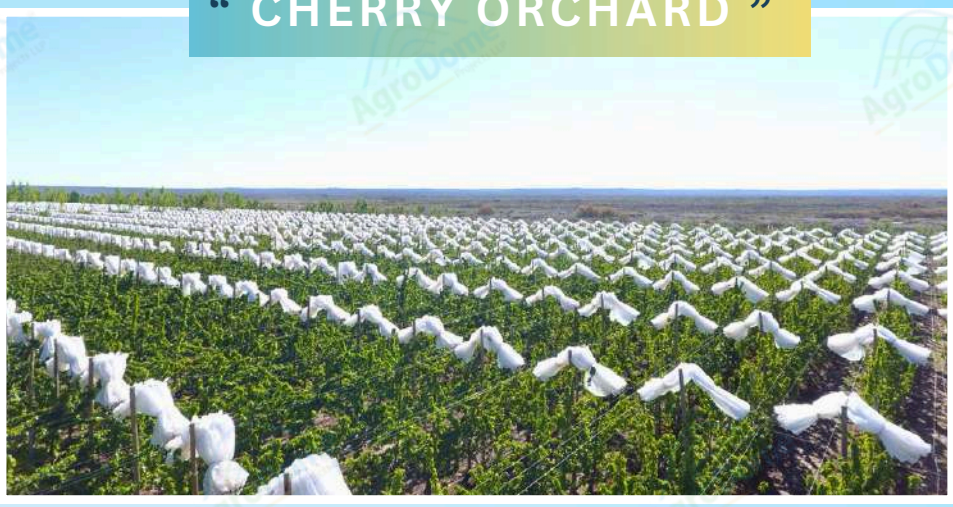






" CHERRY ORCHARD "





- Specially Designed for Cherry Crop.
- Protects Crops From Wind, Frost, Rain, Snow and Disease.
- Customised Sliding Available, Allowing Even Distribution of Light for Efficient Plant Growth.
- Availability During the Off-Season Period.















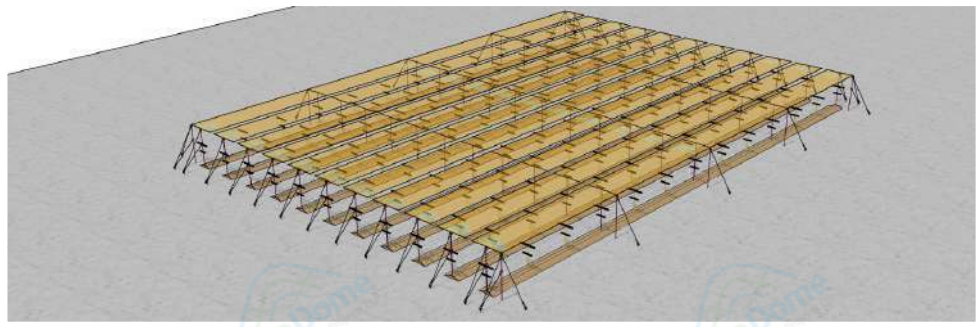
	APPLE- PEAR ORCHARD	GRAPES ORCHARD	CHERRY ORCHARD
• Grid	4 m x 8 m , 4 m x 10 m , 3 m x 8 m , As per Planation	3 m x 6 m ,As per Plantation	4 m x 8 m , 4 m x 10 m , 3 m x 8 m , As per Planation
• Side /Center height	4 m , 5 m	2 m / 4 m , 2.5 m / 4 m	4 m , 5 m
• Side corridorrs	2 m	2 m	2 m
• Top covering	Poly film , Shade net , Anti hail net , Apron sheet	Apron fabric , Hail net , Poly film	Poly film , Shade net , Anti hail net , Apron sheet
• Side & top ventilation	Bird net ,Insect net	Bird net	Bird net , Insect net
• Irrigation	Orchard Irrigation	Orchard Irrigation	Orchard Irrigation
• Crop support	As per Plant requirement	As Per Crop Requirement	As per Plant requirement

Fruit -Orchard Structure



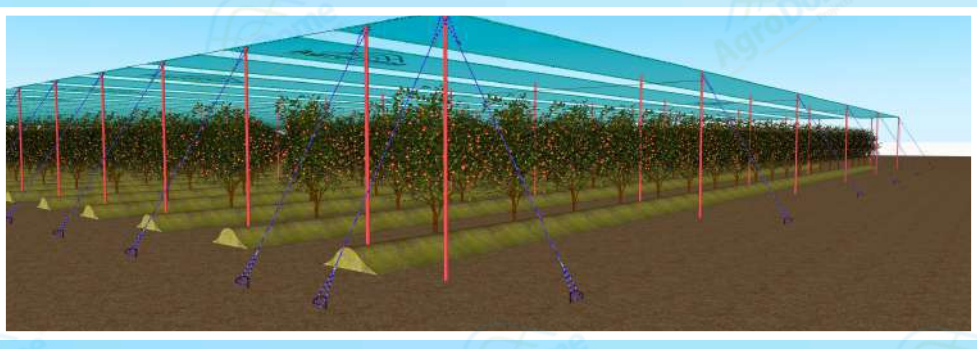


“ DRAGON FRUIT ORCHARD ”



- Specially Designed for commercial Dragon Fruit cultivation, providing strong vertical support for healthy vine growth and canopy management.
- Optimizes planting space while protecting plants from harsh weather, supporting efficient crop management, flowering and improved fruit quality.

- Specially Designed for commercial Pomegranate cultivation, with customizable height and row spacing to suit orchard requirements.
- Helps protect fruits from excessive sunlight and rain, reducing fruit cracking and supporting better fruit quality and extended production.

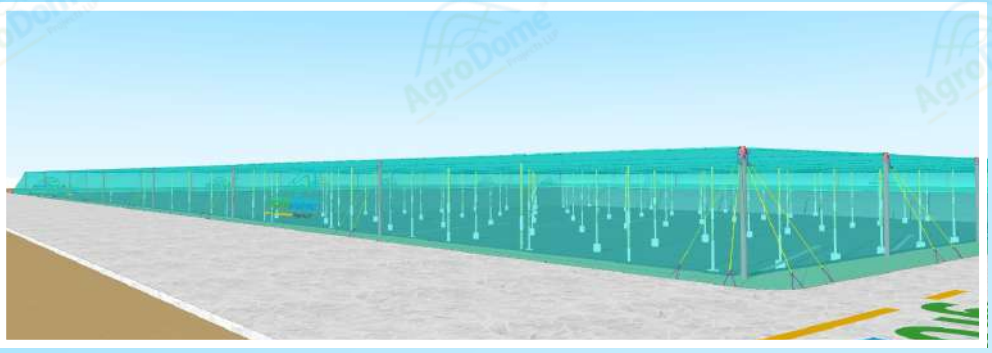


“ POMEGRANATE ORCHARD ”





“ AQUASHIELD™ ”





- Designed for commercial rainwater harvesting and water pond protection, helping reduce dust, debris and external contamination.
- Thermal-protective covering limits heat and sunlight exposure, supporting cleaner and better-protected water for agricultural use.















	DRAGON FRUIT	POMEGRANATE	AQUASHIELD™
• Grid	As per plantation requirement	12 feet x 6 m ,12 feet x 8 m , 24 feet x 8 m	as per requriment
• Side /Center height	3 m. 4 m, 5.5 m	3m , 4 m , 5 m	as per requriment
• Side corridorrs	2 m , 1 m	2 m , 1 m	5/7 Layer Smart UVS Polyethylene films ,Skirting fabric with insect net,
• Top covering	Poly film , Shadding Net	Shade net , Anti hail net	Poly film , Shade net , Anti hail net , Apron sheet
• Side & top ventilation	-	-	Bird net , Insect net
• Irrigation	As per Plantation	As per requirement	-
• Crop support	Customizable As per crop requirement	As per crop requirement	-

💧 Greenhouse Irrigation Systems – Specifications

1️⃣ Drip Irrigation

- Water Use: 2–8 LPH per emitter
- Pressure: 2–3.5 kg/cm²
- Pipe Size: 16/20 mm lateral
- Spacing: 3m x 3m ,4m x 4m
- Best For: Tomato, Cucumber, Capsicum

Inline	Online
	

2️⃣ Fogger / Mist System

- Droplet Size: 50–70 microns
- Water Use: 5–7 LPH per nozzle
- Pressure: 2.5–4.5 kg/cm²
- Spacing: 3m x 3m , 4m x 4m
- Best For: Nursery, Flower Crops, Seedlings



4️⃣ Micro Sprinkler

- Droplet Size: Medium spray
- Water Use: 20–40 LPH
- Pressure: 1.5–2.5 kg/cm²
- Spacing: 3m x 3m ,4m x 4m
- Best For: Fruit Crops, Polyhouse Banana



4️⃣ Top Sprinkler System

- Sprinkler Type: Static
- Water Discharge: 25–50 LPH per sprinkler
- Spray Radius: 2.5 to 4 meters
- Operating Pressure: 2–3 kg/cm²



Smart Greenhouse Irrigation & Fertigation

- Enhance efficiency with smart irrigation and precise nutrient delivery systems.

IRRIGATION SYSTEM

We use high pressure drip to water all plants evenly



FERTIGATION UNIT

Delivers nutrients with high precision for optimum growth

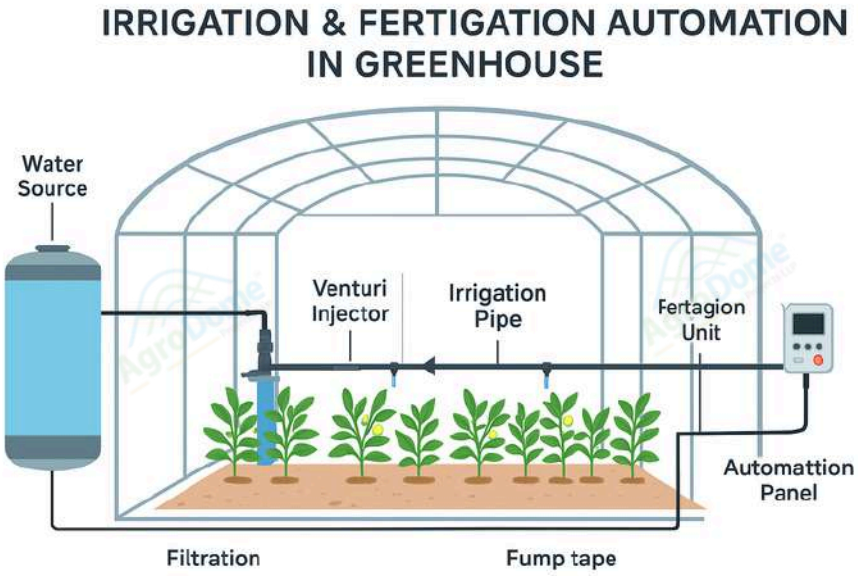


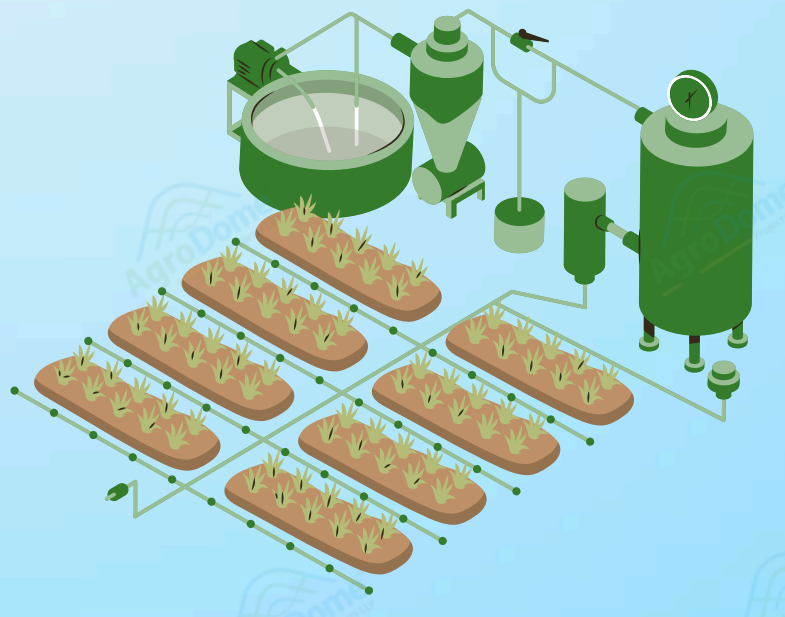
WEATHER FORECASTING SYSTEM.

Schedule and monitor systems from one location



- A reliable solution for healthy plants, higher productivity and sustainable farming.

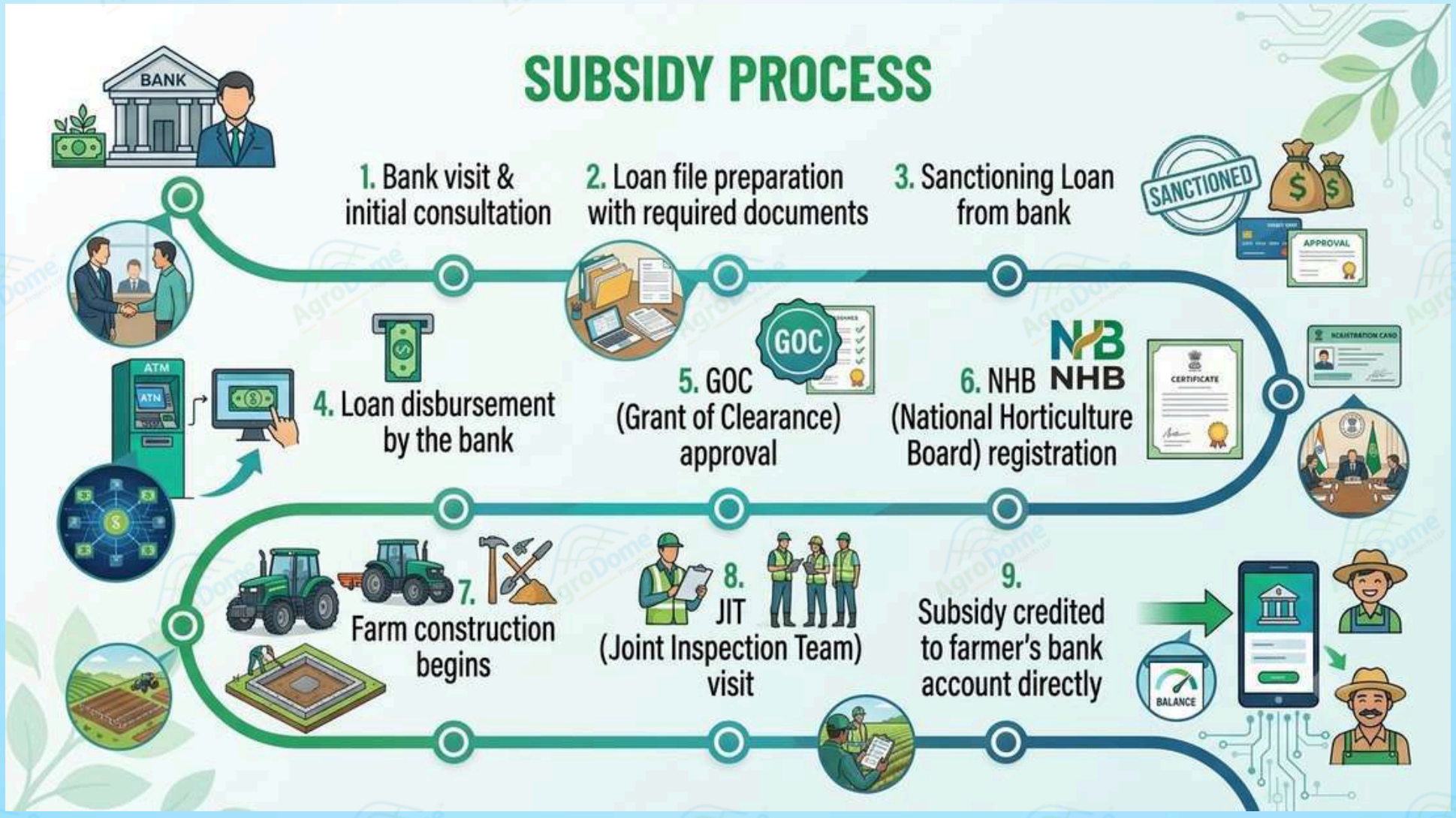




Our Strategic Supplier Partnerships

NETAFIM — GROW MORE WITH LESS
SONA AGRO TEX
GreenPro — Protect. Grow. Prosper.
RIJK ZWAAN
GINEGAR — smart cover solutions
Riddh Steel & Tube Limite
RETRO
inoventive Filaments Pvt Ltd
JAIN — Jain America Holding
syngenta Global
GOODLUCK
PRAKASH SURYA — Steel Tubes & Pipes
JSW Steel
YUKSEL SEEDS
APLAPOLLO — PIPING SYSTEMS — Made for life
YEMINENI
Agrolt Solutions — V care for U
UP
Meadow — Breath of quality
Rivulis
TUFLEX — Innovation is Life
BIO GROW — INDIA
POLYCAB

End-to-End Project Development with NHB Support



Our Corporate Clients

ABJ HYDROPHONIC

ABAJ Hydroponics is a startup focused on high-value vegetables, herbs, and berries, offering innovative top-rolling dome-roof polyhouse structures with cost-effective harvesting and value-addition solutions.



GURUKRUPA TISSUE CULTURE

""The aim of Gurukripa Tissue Culture is to provide scientifically developed, high-performing, virus-free, and genuine plants to farmers across India. we provide Fan Pad structures for nursery purpose .

IG DECCAN

The company has a high-tech nursery for avocado plants, where we provide PEQ facilities for nursery structures.



THYLAKOID BIOTECH

"Thylakoid Biotech Pvt. Ltd. produces and exports premium-quality herbs , here we provide solar dryer for moringa leaf drying

RELIANCE

Tonnz Berry Company is engaged in cultivating various berry types, supported by our multispan tunnel systems



RELIANCE

"SenegIndia S.A, established in 2008, is a Senegalese company specializing in real estate and big potato cultivation farmer , here we provide Fan Pad structures for potato seeds cultivation

PRANJ & RELIANCE

Reliance Industries is a leading Indian company have a project of bioenergy, here we provide raw material storage solution.

Sam Agri

Sam Agri Group is a leading Indian exporter of fresh and processed horticultural products,berries cultivation with integrated farms, nurseries ,here we provide multispan tunnels with chimmeny plastic tunnels

S BERRIES

We provide specialized nursery structures for companies producing berry plants through tissue culture.

DHANUKA FARM

We deliver specialized high tunnel (Spanish tunnel) systems designed to optimize blueberry, raspberry, and strawberry cultivation.

PATANJALI

An Indian FMCG company that produces natural, Ayurvedic, and herbal products , we provide innovative top rolling tunnels for berries crop

CAL PACIFIC

"Sagoma Impex Pvt Ltd, established in 2004, is a trusted exporter and large scale dragon fruit farmer and here we provide shading and tressling solution for dragon fruit orchard

EEKI

"Eeki Foods is cultivating large scale vegetable farming in greenhouse - polyhouse - Fan Pad house here we provide Fam Pad structures at Kota , Rajasthan

WEST FALIYA FRUIT

Our customized structures support efficient and high-quality avocado nursery production.

NIVARA FARM

Nivara faram grow blueberry and raspberry projects. here we Designed multi span tunnels with advanced film to reduces humidity and temperature, eliminates hot pocket

ARVIND MILL

"Arvind Mills is a premier Indian textile company, delivering high-quality fabrics and innovative, sustainable solutions to global markets." we provide Fan Pad for high value vegetable crop.

Farm 2 FAM

"Farm2Fam is large scale farm for berries cultivation we provide multi span tunnels to protect rain and hail .

Swami Agri

Swami Agri is an agricultural company based in Senegal. We provide wire rope cable perline structures for banana orchards in the Sahara Desert.

METROGEN BIOTECH

"Metrogen Biotech, a DBT-certified lab in Gujarat, produces high-quality, disease-free banana tissue culture plants here we provide low cost cable perline structure for banana hardening

CAL PACIFIC

Cal Pacific Agri Solutions provides complete turnkey solutions for commercial berry farming with AgroDome Structure

Singori biotech

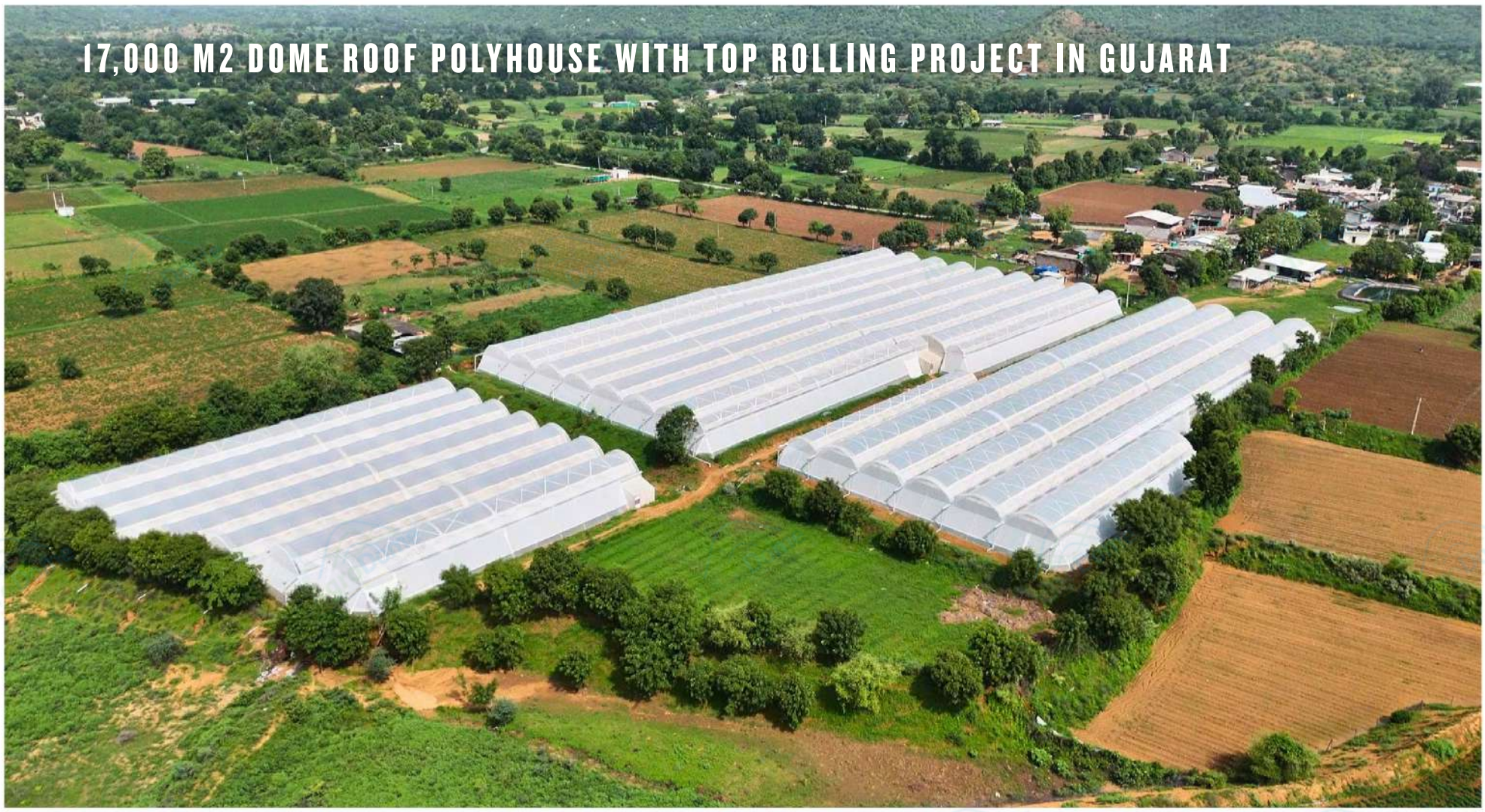
Singori Biotech provides complete turnkey solutions for commercial berry farming with AgroDome Structure

AGRODOME | PROJECTS ACROSS WORLD





AGRODOME | PROJECTS ACROSS WORLD





AGRODOME | PROJECTS ACROSS WORLD





AGRODOME | PROJECTS ACROSS WORLD





AGRODOME | PROJECTS ACROSS WORLD





The Natural Growing Medium

Coco Chips



- **crops**
  orchids
  succulents
  cacti
  other plants

Cocopeat Bricks/Blocks



- **crops**
  fruits
  vegetables
  flowers

Coco perlite



- **crops**
  container
  gardening
  hydroponics

coco fiber



- **crops**
  Lettuce &
  Leafy Greens
  Capsicum
  cucumber

WHY CHOOSE FOR FARMING

- Coco Peat provides excellent water retention, aeration, and root support with an ideal pH of 5.5–6.8. Its natural properties help reduce root rot and soil-borne diseases, making
- it suitable for a wide range of crops.

Structural Automation

CLIMATE CONTROL AUTOMATION

- Purpose: Automatically manages temperature, humidity, CO_2, and light.
- How it works: Sensors constantly monitor the environment. If temperature or humidity goes beyond the set threshold, the controller triggers fans, heaters, or vents.

LIGHTING AUTOMATION

- Purpose: Supplement natural light when insufficient
- How it works: Lights turn on when natural light is below required levels, and turn off when light intensity is adequate.

SHADING SYSTEM AUTOMATION

- Purpose: Controls sunlight penetration and internal temperature
- How it works: Curtains automatically open or close depending on sun intensity or temperature.

BENEFITS OF GREENHOUSE AUTOMATION

- Precise climate control = Better yield and plant health
- Efficient water/nutrient use = Cost savings
- Time saving = Less manual labor
- Consistance crop quality
- Higher productivity & reduced losses







Green House Accessories

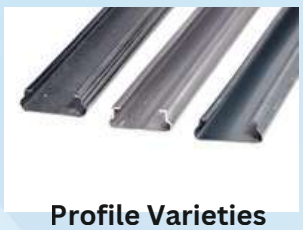


Zig Zag Wire Springs

(For Polyfilm or Net Locking)



Poly Coated Springs



Profile Varieties



Greenhouse Film Repair Tape



Anti Flapping Bands

POLY/ NET FASTENING SYSTEM



Round Pipe Clamps - Full & Half



5mm Single Plate- RC







Square Pipe Clamps



Butterfly Plate



5 way Junction Plate

Single



STRUCTURAL PIPE CONNECTORS

GUTTER /ARCH BRACKET SYSTEM



Industrial Pressed Gutter

(1.50 mm to 2.50mm)



Gutter End Cap



Gutter Spout / Down Take



Gutter Funnel

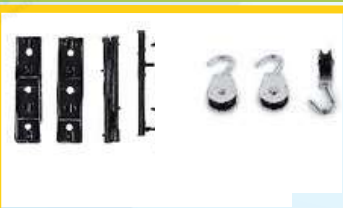


Gutter Sealant Tape

GUTTER COMPONENTS



Shade Net Oval Clip & R Hook



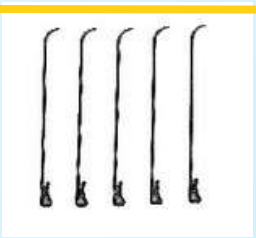
Shade Net Joiner with Small Pulley



3-U Wire Gripper Clamp



Wire Support Clip



Shade Net Stitching pin



Steel Wire Rope Cables



Wire Tightener



D-Clamp



Turn Buckles



I-Bolt

STEEL WIRE ROPE & NET HOUSE COMPONENTS

Green House
Accessories



Orchard Cement Pole Clamp



Orchard Round Pole Clamp



Foundation Rod Clamp



Orchard Pole Cap

ORCHARD STRUCTURE COMPONENTS



J-Hook



S-Hook



Stem Clip



W-Hook



Twin



Roller-Hook

TRELLISING ACCESSORIES



SLIDING DOORS



Curtain Clamp - UVS Plastic



Curtain Clamp - Steel



Anchor Rods



Foundation and Extension Joint



Metal Pulley Roller



Plastic Pulley Roller Bearing Inside



UVS Ropes



Self Drilling Screws



Nut Bolts



Polyester Wire



Curtain Roll Up Gear Handle



Curtain Rollup Unit (Chain Pulley)



Universal Joint (HD Gal, Solid Bar Union)

SIDE SCREEN / VENTS OPERATORS

Green House Accessories



Blades (mm/ inches)	Air Flow (CMH)	Noice	Power (W)	Rated Voltage (V)	Body Hei ght (mm)	Body Width (mm)	Body Length (mm)
500 / 20	18,000	≤70	370	380/ 220	600	600	320
750 / 30	22,000	≤70	370	380/ 220	900	900	400
900 / 36	25,000	≤70	550	380/ 220	1000	1000	400
1250 / 50	44,000	≤70	1100	380/ 220	1380	1380	400

Power:1 Phase / 3 Phase

HVAC/ EXHAUST FANS

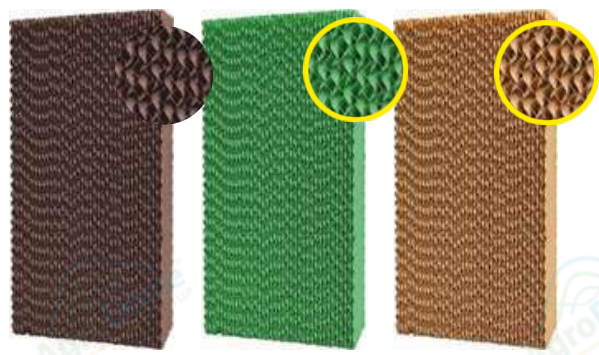
Cellulose Evaporative Colling Pads

Material :Cra Paper 95GSM - 105GSM :100mm / 150mm

Thickness

Size :1200 x 600mm / 1500 x 600mm / 1800 x 600mm / 2000 x 600mm

Flute Size :7090, 5090



Evaporative Cooling Pad Frames

Thickness Width Height :100mm / 150mm :2000 / 4000mm :1200 / 1500 / 1800 / 2000mm

Aluminum Frame :100mm = 1.20mm / 150mm = 1.50mm



COOLING PADS



Material	:	**SS Body, 7 Aluminum Blades**
Thickness Voltage	:	**1.2mm**
Frequency	:	**220v / Single Phase**
Motor Power Air	:	**50 / 60hz**
Flow Blade Speed	:	**350w**
Air Flow	:	**16900 CFM**
Throughput	:	**1440 RPM**
Size Power	:	**18-22 meter**
	:	**570 x 570 x 400mm**
	:	**1 Phase / 3 Phase**

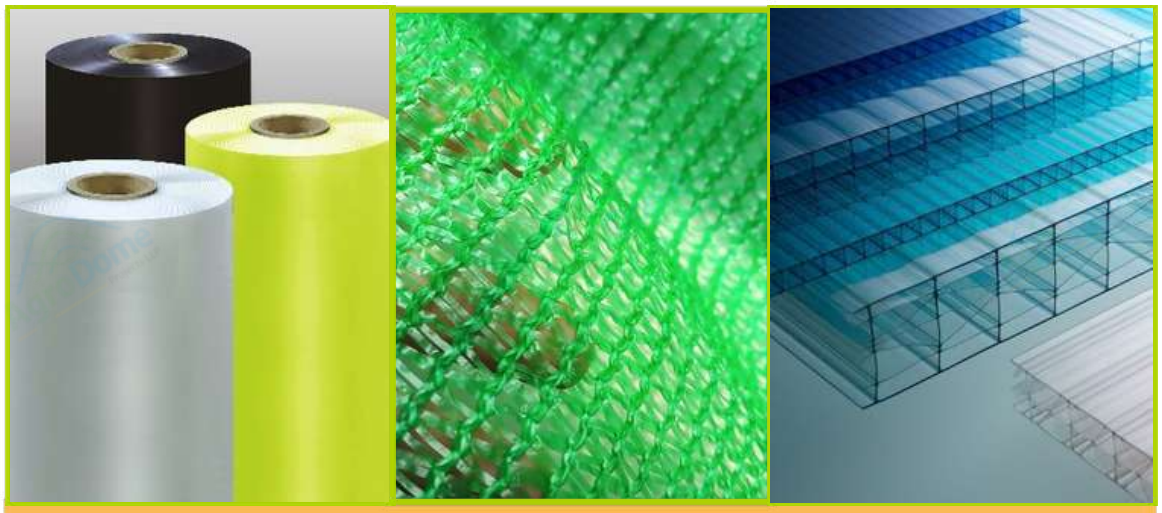
AIR CIRCULATION FANS

Green House
Accessories



Power	:	2.5 KW
Type	:	Finned Tube Heater35-wa
High - Speed Fan	:	2800 RPM
Coverage	:	~80 m3
Dimension	:	H320 mm x L440 mm x W320 mm x 10kg

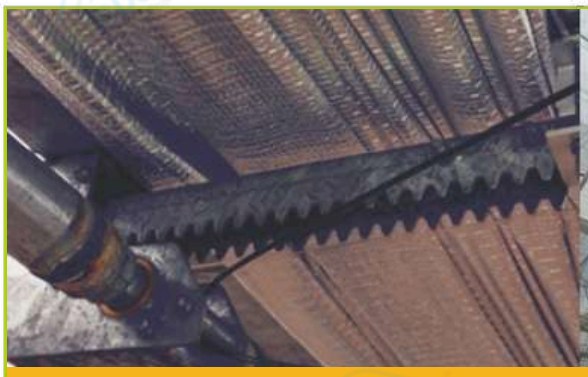
HEATING FAN



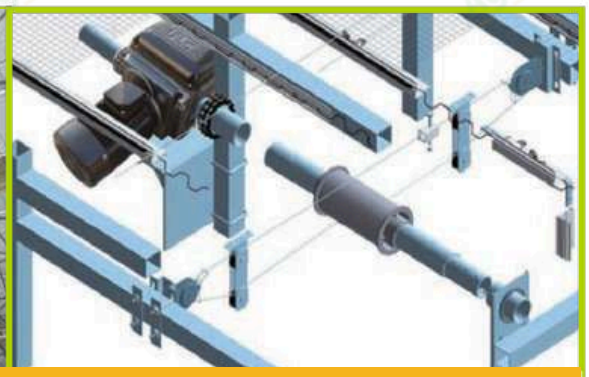
UVS FILMS / NETS / POLYCARBONATE SHEETS











Rack & Pinion Screen System | Screen Automation | Cable & Pulley Motorized

SHADING/ ENERGY SCREEN MOTORIZED





Temperature & Humidity Sensors | Weather

CUSTOMIZATION AS PER PROJECT

AgroDome™ Projects LLP

Higher Productivity

Optimised climate for better crop performance

Weather Protection

Safegards from extreme weather and pests

Advanced Technology

Engineered for efficiency and durability

Sustainable Farming

Conserves resources for a healthier planet

GROW TOGETHER • FOR A BETTER TOMORROW

Protected Cultivation for a Sustainable Future

Modern greenhouse solutions for higher yields, better quality and a greener tomorrow.



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+91 98253 32949

Web site

WhatsApp

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- Raipur, Chhattisgarh
- Bengaluru, Karnataka
- Sikar, Rajasthan
- Ludhiana, Punjab

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615-619 , 6th Floor, Shree Ugati Corporate Park, Nr. - Nexa Showroom, Kudasan, Gandhinagar, Gujarat - 382421 (INDIA).