

PROSPERITY WITH EVERY DROP



Benefits of Mahindra EPC Sprinkler System

- ☒ Easy to install, dismantle and shift across fields.
- ☒ Provides uniform water distribution like natural rainfall.
- ☒ Operating pressure: 2.0 - 4.0 kg/cm² (varies by model).
- ☒ Sprinkling radius: 8 M to 33 M (depending on sprinkler type).
- ☒ Covers small farms to large fields effectively.
- ☒ Saves water, energy, and labor.
- ☒ Manufactured as per BIS / ISI quality standards.

mahindra EPC

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mahindra EPC

PRODUCT MANUAL

mahindra EPC

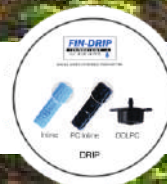
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mahindra EPC

Mahindra EPC, Start of New Micro Irrigation Revolution

- Mahindra EPC Irrigation Limited (MEIL) is a Mahindra Group company, formerly known as EPC Industrié Ltd. and is a pioneer of Micro Irrigation in India.
- Mahindra and Mahindra Ltd. (M&M) has acquired Majority stake in EPC Industrié Ltd. through Preferential issue of equity shares which has enabled M&M to enter Micro-Irrigation Sector.
- It started in 1986 with the initial French Technology Support, we had developed the capability to design and develop the irrigation products of international Standard, satisfying every need of Indian Farmers.
- We provide complete solution for agriculture with a focus on Micro Irrigation, Greenhouses, Landscape Irrigation, Automation Controllers & Solutions and Inter-related requirements of agronomy support. The company keeps on adding allied products to its Range
- Mahindra EPC is registered in all major states under Subsidy program in India and has a strong & widely Spread network of large number of channel partners & is supported by offices at strategic locations.



DRIP PRODUCTS

Non PC Flat Inline (Findrip)

Features

- Confirming IS:13488
- Discharge rate - 2 & 4 LPH
- Operating Pressure Range : 0.8 - 1.2 Kg / Cm².
- Available in 12, 16 & 20 mm dia.
- Available emitter spacing 0.30 to 1.50 Metre.
- Available in coils length of 500 Metre.

Advantages

- Compact emitter design.
- Resistant to clogging.

Benefits

- Excellent distribution uniformity.
- Suitable to most of the row crops



Non PC Round (Cylindrical) Inline

Features

- Product confirming to IS:13488
- Available discharge rates - 2 & 4 LPH
- Operating Pressure Range : 0.8 - 1.2 Kg / Cm².
- Available in 12 & 16 mm diameter.
- Emitter spacing 0.30 to 1.50 Metre to suit all crops.
- Available in coils of 500 Mtr (12mm) and 400 Mtr (16mm).

Advantages

- Double inlet filter & outlet holes ensure clog free operation for longer period.
- Turbulent water labyrinth ensures clog resistance.

Benefits

- Compact emitter design ensures ease in recoiling.
- Excellent distribution uniformity.
- Suitable to most of the crops.



PC (Pressure Compensating) Flat Inline

Features

- Available in 16 and 20 mm with discharge rates of 1.6, 2.4 & 4 LPH.
- PC and PCND feature available in 2.4 LPH.
- Operating Pressure Range (0.75-3.5 kg/cm²)
- Large turbulent flow path.
- Highest quality plastic and silicone diaphragm.
- Reliable performance in the toughest conditions.

Advantages

- Self-flushing mechanism flushes at every start-up.
- Ideal for undulated topography & large installations.

Benefits

- Longer lateral lengths mean lower cost of system.
- Uniform discharge in undulated topography
- Excellent distribution uniformity.
- Suitable to most of the crops



LITE Inline Lateral

Features

- Made from high grade virgin PE material.
- Available in in following specifications:

Advantages

- Compact emitter design, Resistant to clogging.
- Excellent distribution uniformity.

Benefits

- Very economical inline laterals.
- Long operational life.



LITE Inline - Technical Specifications

LITE Inline Variant	Inline Type	Inline Size	Dripper Discharge Rate
LITE Inline Class-I	Flat	12/16 mm	2 LPH & 4 LPH
LITE Inline 16 mil	Flat	12/16/20 mm	2 LPH & 4 LPH
LITE Inline 12 mil	Flat	12/16/20 mm	2 LPH & 4 LPH
LITE Inline 10 mil	Flat	12/16/20 mm	2 LPH & 4 LPH
LITE Inline 8 mil	Flat	12/16/20 mm	2 LPH & 4 LPH
LITE Inline Class-I	Round	12/16 mm	2 LPH & 4 LPH

ONLINE DRIPPERS

ODLPC Dropper

Features

- Confirming to IS:13487
- Discharge rates - 4 & 8 LPH
- Operating Pressure Range: 0.8 - 1.2 Kg / Cm².

Advantages

- Good distribution uniformity.
- Easy to assemble and dis-assemble.
- Colored labyrinth discs.

Benefits

- Large outlet opening prevents clogging.
- Suitable for lands with little or no slope.
- Openable dropper, easy to clean.



Amrit Dripper

Features

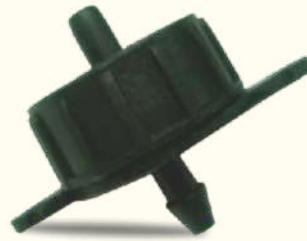
- Confirming to IS:13487
- Discharge rates – 8 & 14 LPH
- Operating Pressure Range: 0.8 – 1.2 Kg / Cm².
- Provision for fixing extension tube at outlet.

Advantages

- Good distribution uniformity.
- Easy to assemble and dis-assemble.
- Colored labyrinth discs.

Benefits

- Large outlet opening prevents clogging.
- Suitable for lands with little or no slope.
- Easy to clean.



ONLINE LATERALS

Plain Irrigation Laterals

Features

- Confirming to IS:12786
- Available sizes: 12, 16, 20, 25 & 32 mm.
- Made from the best quality raw material.
- Available in coils length of:
- 12 MM: 500 Mtrs
- 16 MM : 300 Mtrs
- 20 MM, 25 MM & 32 MM : 100, 200, 300 Mtrs

Advantages

- Protected from UV degradation to enhance life.
- Best ESCR properties to prevent premature cracking.
- Designed for long operational life.

Benefits

- Trouble free long operational life.



PRIMARY FILTERS

Plastic Hydro-cyclone Filter

- Hydro dynamically designed to create maximum centrifugal action
- Available in flanged connection sizes of 2", 2.5", 3".
- Available with flow Capacities of 10 - 50 m³/hr.
- No corrosion and rusting problems.
- Easy to carry and install.
- Comes with flanged PP bend for accuracy in installation.



Vertical Sand Filter (VSF)

- Available in flanged connection sizes of 2", 2.5", 3".
- Available with flow Capacities of 10 - 50 m³/hr.
- Requires less space to install.
- Better filtration efficiency due to increased height of sand.
- Metallic back flush assembly.
- Manholes for easy inspection and maintenance.



SECONDARY FILTERS

Screen Filter

- Flow capacities - 10 to 50 m³/hr.
- Degree of filtration - 100 & 120 mesh.
- Connection Sizes - 2", 2.5" & 3"
- Very easy to dismantle & clean.
- Interchangeability between disc and screen options.
- No corrosion due to chemicals.



Disc Filter

- Flow capacities - 10 to 50 m³/hr.
- Connection Sizes - 2", 2.5" & 3"
- Degree of filtration - 130 microns.
- Very easy to dismantle & clean.
- Robust & higher filtration efficiency.
- Helix ring prevents clogging of filtration area during operation.
- Interchangeability between disc and screen options.



Semi-automatic Screen Filter

- Flow capacities - upto 42 m³/hr.
- Degree of filtration - 120 mesh.
- Connection Sizes - 2", 2.5" & 3"
- No corrosion due to chemicals.
- No need of frequent/ daily opening and cleaning required.
- More suitable for areas with low quality water where frequent cleaning is needed.
- Filter cleaning in operation enhances operating time.
- A pressure differential indicator is provided which indicates the choking of screen filter.
- Handle is provided to the filter for flushing purposes in operating conditions.



- When filter chokes the pressure differential indicator will pop up & RED mark will be visible that indicates the filter needs flushing.
- To flush, just open the drain valve and rotate the handle clockwise & anti clockwise. Repeat the same process till the indicator comes down to its normal position.

HEADER ASSEMBLY

Plastic Header Assembly

- No rusting and erosion problems.
- Complete unit with butterfly valve.
- Ports for ¾" and 2" ventury fitting and pressure gauges.
- Additional ports of 2" sizes.
- Available in 2.0, 2.5" and 3.0" sizes



FERTIGATION EQUIPMENT

Ventury

- Available in ¾", 1" and 2" size.
- Easy to operate and maintain.
- Easy to adjust injection rate.
- Made of high grade plastic for long life.
- Equipped with NRV's.



CONTROL VALVES

PP Ball Valves

- Available in sizes of 40, 50, 63, 75, 90 mm
- Connection type - Threaded, Flanged or plain.
- Single piece robust body.
- Recommended for use as sectional flow control view



Butterfly Valve

- Available in sizes 2", 2.5", 3".
- Can be opened and closed quickly.
- Locking mechanism ensures no accidental operation.
- No threads, sealing is leak-proof.
- Very less space required in comparison to other types.



Non Return Valve

- Available sizes 1.5", 2", 2.5", 3".
- Available in gunmetal, CI, and PP material.
- Must to protect pump and drip systems.



PP Flush Valve

- Available sizes 40, 50, 63, 75 mm
- Very useful and convenient in sub-main flushing.
- Easy to install and service.
- Economical in comparison to ball valves.



SAFETY VALVES

Pressure Relief Valve

- Available sizes 1.5", 2", 2.5", 3"
- Available in mechanical and hydraulic models.
- Protects pump and system in case of pressure surges.
- Automatic operation.
- Very useful in large installations.



Vacuum Breaker Valve

- Available sizes 0.5", 0.75".
- Protects vacuum creation in filters and pipes.
- Widely used in the case of subsurface installations.
- Small but very crucial safety component.



Air Release Valve

- Available sizes 0.5", 0.75", 1", 1.5", 2".
- Used to release the air in lines to protect from air locks.
- Mainly used at head unit and main lines.



LATERALS ACCESSORIES

Features:

- Made from special grade plastic.
- Available sizes: 12, 16 & 20 mm.
- Excellent locking properties.
- Leak-proof joints tested up to 4 Kg/Cm².

Advantages:

- Protected from UV degradation to enhance life.
- Leak proof joints even at high pressures.

Benefits:

- Suitable for all types of drip installations.
- Suitable for greenhouse applications.
- No loss of pressure due to leakage



AquaFit straight connector



AquaFit start nipple



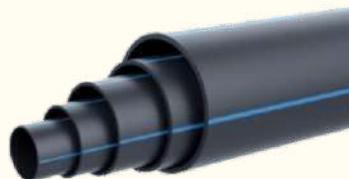
AquaFit Bend



AquaFit Equal Tee

HDPE PIPES AND COILS

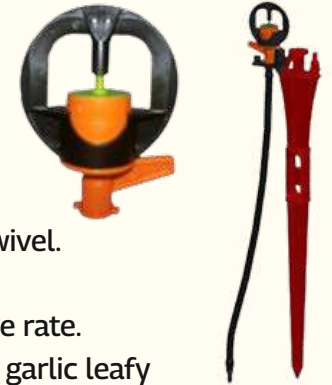
- Confirming to BIS and ISO standards
- Available sizes from 20 mm to 315 mm.
- Pipe available in 6 mtr length or coils.
- Pressure rating 2.5 to 16 Kg/Cm²
- HDPE coils available in 40, 50, 63, 75, 90 and 110 mm
- Spray pipe coils available in 14 x 8 mm, 20 mm (10, 12.5 and 16 Kg/Cm²)
- Available in lengths of 50 Mtr to 300 Mtr as per requirement & size.



SPRINKLER PRODUCTS

Micro Sprinkler

- Dia. of coverage: 6.0 – 10.3 m.
- Operating pressure: 1.5 – 2.5 bars.
- Flow rate: 42 – 225 LPH
- Recommended Spacing 4x4m, 5x5m & 6x6m.
- Sturdy and solid structure. Insect proof pop up swivel. Push fit type connection.
- Various nozzle size options give variable discharge rate.
- Ideal for nursery, row crops e.g. groundnut, onion, garlic leafy vegetables etc.
- Also recommended for under tree & overhead irrigation.



S-10 Sprinkler

- Dia. of coverage: 17.65 – 19.3 m.
- Operating pressure: 1.0 – 3.0 bars.
- Flow rate: 390 – 585 LPH
- Connection size: 1/2"
- Recommended spacing: 9X9, 10X10 m.
- Ideal for fine droplets and short irrigation.
- Easy to install and dismantle.
- Suitable for crops like Potato, Onion, Garlic, Ginger, Vegetables, Nurseries.



S-20 Sprinkler

- Radius of coverage: 11.5 – 18.5 m.
- Operating pressure: 2.0 – 4.0 Kg/Cm².
- Flow rate: 1.0 – 2.8 m³/Hr.
- Connection size: 3/4 inch.
- Recommended spacing: 12X12, 18X18
- BIS approved.
- Trajectory angle 27°.
- Ideal for field crops, Tea & coffee plantations.



Raingun

- Discharge rate: 6.4 to 30 m³/Hr.
- Operating Pressure: 2 to 5 Kg/cm²
- Radius of Coverage: 19 to 30 Mtr
- BIS approved.
- Recommended Spacing: 24X24, 30X30, 36X36
- Both part circle and full circle adjustments.
- Adjustable jet breaker to provide uniform rainfall.
- Trajectory angle 30°.
- Equipped with interchangeable nozzles of different sizes for various applications.
- Connection sizes: 1.25", 1.5" and 2.0".



QPC PIPES

- "C" Clamp coupling of pipes is very easy, quick to install and assemble.
- Flexible, light weight, easy to handle.
- QPC pipes & fittings available in sizes of 63, 75, 90 and 110 mm.
- Available QPC pipe pressure ratings 2.5, 3.2 and 4.0 Kg/cm²



Mahindra EPC QPC Pipes - LITE Series

- Made from high grade PE material.
- Quick coupling of pipes for very easy & quick installation.
- Flexible, light weight, easy to handle.
- LITE series QPC pipes & fittings available in: 63 & 75 mm.
- Green line for easy identification.
- Available Pressure rating 2.5 Kg/cm²



QPC PIPE FITTINGS

Complete range of quick coupled bend, Tee, flanged type or threaded PCN, Pump connector, Base pipe, Cap end, Reducer etc. All QPC fittings are available in 63, 75, 90 and 110 mm sizes.



QPC PCN



QPC End Cap



QPC 90° Bend



QPC Tee



Metallic Saddle



Base Pipe



Tripod Stand & Riser Pipe



QPC Rubber Gasket

CONTROLLERS

Smartflo Controller

It is designed to operate the irrigation & fertigation system on the basis of Time, Volume and sensor. Valve Operations: 1 to 256 Valves (Wireless model upto 1000 valves) Fertigation Machine: 02 for standard models & 10 for expandable models Sensors: 6 to 32 (Analog & digital) Pump Operations: 02 for standard Models & 10 pumps for expandable Models Controller Programming Access: Control Panel, GSM Based, Laptop / Computer or through (Internet / Ethernet / Intranet).

MODELS



Smartflo - 4 Channel Model

- "Time" based control system
- Total Valves Operations (ON/OFF): 04 Nos
- Irrigation Pump Operation (ON/OFF): 01 Nos
- Fertigation Pump Operation (ON/OFF): 01 Nos
- Irrigation & Fertigation Programming: Weekly
- Irrigation & Fertigation Programming: Cyclic (3 cycles per day)
- Electrical Protection: High & low voltage cut-off
- Electrical Protection: Dry-run protection
- LED indicators -Three phase, Motor & Controller Status
- Capacity of controller: Single / Three phase motors, 0.5 to 25 HP



Smartflo - 8 Channel Model

- "Time, Volume & Sensor" based control system
- Green house & Open field operation
- Total Valves Operations (ON/OFF): 08 Nos
- Irrigation Pump Operation (ON/OFF): 02 Nos
- Filtration Unit Flushing (ON/OFF): 02
- Fertigation Pump Operation (ON/OFF): 02 Nos (up to 05 Tank)
- Irrigation & Fertigation Programming: Weekly
- Irrigation & Fertigation Programming: Cyclic
- Electrical Protection: High & low voltage cut-off
- LED indicators - Motor, Valve & Controller Status
- Capacity of the controller: It can sync DOL & Star Delta
- Communication (GSM Operation)- SMS & Mobile Application
- Sensor Operations: 06 Nos



Smartflo - 8 Channel Model

- "Time & Volume" based control system
- Green house & Open field operation
- Total Valves Operations (ON/OFF): 08 Nos
- Irrigation Pump Operation (ON/OFF): 02 Nos
- Filtration Unit Flushing (ON/OFF): 02
- Fertigation Pump Operation (ON/OFF): 02 Nos (up to 05 Tank)
- Irrigation & Fertigation Programming: Weekly
- Irrigation & Fertigation Programming: Cyclic
- Electrical Protection: High & low voltage cut-off
- LED indicators - Motor, Valve & Controller Status
- Capacity of controller: It can sync DOL & Star Delta
- Communication (GSM Operation)- SMS & Mobile Application



Smartflo - 16 Channel Model



- Time & Volume" based control system
- Green house & Open field operation
- Total Valves Operations (ON/OFF): 16 Nos
- Irrigation Pump Operation (ON/OFF): 02 Nos
- Filtration Unit Flushing (ON/OFF): 02
- Fertigation Pump Operation (ON/OFF): 02 Nos (up to 05 Tank)
- Irrigation & Fertigation Programming: Weekly
- Irrigation & Fertigation Programming: Cyclic
- Electrical Protection: High & low voltage cut-off
- LED indicators - Motor, Valve & Controller Status
- Capacity of controller: It can sync DOL & Star Delta
- Communication (GSM Operation)- SMS & Mobile Application

GALCON CONTROLLER SERIES

Garden Controller

Battery operated controller with inline latching solenoid valves. The 7000 series controller are equipped with ¾" to 2" diameter valve and can be manually operated

Available in 4 models

- 7001D- Standard battery-operated controller with valve
- 7101 WP - Water proof (IP68) battery operated controller with valve ideal for underground installation
- 7003 D standard battery-operated controller. Operates upto 3 valves.
- 7103 BT- Water proof IP68 single station battery operated timer with integrated Bluetooth communication. Weekly /cyclic programming with upto 8 cycles per day.
- Inline valves with DC latching solenoid are included and available in ¾" to 2" sizes.



GSI - Galcon Smart Irrigation

A cloud-based irrigation controller for both commercial Landscapes & Agriculture sites.

Connect to your controller from anywhere via the GSI internal cellular modem

AC/DC battery operated or DC solar Operated

Controls upto 24 stations

Manage your system anywhere and anytime, using computer, laptop, tablet or smartphone.

Advanced monitoring and alert system:

Automatic event responses according to defined system settings

Real time notification via email

Simple over the air OTA updates and upgrades

Work with Gal1 Way Radio



Galpro Controller

Designed specifically for small farms irrigation, this stand alone battery operated irrigation controller operates;

- Valves - 4 to 8 nos
- Fertigation - 1 unit
- Filters - 2 nos
- Irrigation Pump- 01
- Available in AC & DC models
- Monitors Water & Fertilizer flow.



Galileo Modular Controller:

It is a modular Irrigation & Climate controller

- HMI Interface & Advance Computer Control System.
- Available in AC & DC Models
- Basic model - 16 Output & expandable to 256 Output
- Expandable Analog & Digital Inputs for Sensors - 8, 16 Nos.
- Wired & Wireless operation (RTU & CRTU)
- Expandable Models:
 - ✓ Galileo W : A modular controller in advanced "small casing" (4 slots).
 - ✓ Galileo WEX : A modular controller in advanced "large casing" (4 I/O slots and 4 protection slots).
 - ✓ Galileo WEXX : A modular controller in advanced "large casing" (8 I/O slots, 8 protection slots, L-485 slot)
 - ✓ All Galileo W systems include input/output slots in which the I/O cards can be fitted.



Galileo is the perfect choice for climate control and irrigation in green houses as well as for irrigation control of large open fields, farms, orchards, turf, public gardens, and golf courses.

Gal1 Way

Control valves & Pumps wirelessly with Gal1way. This high powered wireless radio system offers a direct line of site range of upto 5 km (3.1 miles) and provides an economical alternative to lengthy wire runs.

Gal2way

Control valves, pumps as well as other field elements and collect sensor information from both digital and analog sensors wirelessly with gal2way. The license free, frequency hopping and automatic routing systems ensures reliable and robust wireless two way communication between Galileo and the field. The RTUS feature sophisticated high efficiency radio modems that deliver long battery life upto 2 years. Direct line of site range of 2 km or upto 18 km with use of repeaters.



Fertigation Solutions - Nutrigator

Irrigated agriculture can be environmentally sustained provided the basic principles of good water and fertilizer management are recognised, Smartflo Nutrigator is designed and developed based on these facts and to be used by Farmers according to their needs with necessary electrical protections like High/Low-Voltage cut-off and Voltage Stabilisation. It is a standalone Fertigation dosing unit with EC & PH Monitoring System. The system can handle 6 liquid fertilizers & 1 Acid injection venturi injector. Research shows that fertigation increases the efficient use of water and fertilizers, produces higher yields, and improves quality of the production. The system employs a stainless-steel dosing pump for injection of fertigation using ventury and solenoid valves. The Rate of fertigation injection could be designed based on the filed requirements/conditions.

Features:

- Nutrigator has three modes of injection - Continuous, Proportional & EC & pH based
- It is designed with 1 fertilizer + 1 Acid Venturi to 6 fertiliser + 1 Acid Venturi
- Capacity of fertilizer venturi - 360 lph (standard model) & 1200 lph (high flow model)
- Capacity of Acid Venturi - 160 lph
- EC & pH dedicated monitor on machine
- PRV to protect the reverse flow & set at desire pressure
- Stainless steel pump as per the size of machine
- Models:
 1. Inline type of Nutrigator machine (Mixer Tank)
 2. Bypass type of Nutrigator machine

Solenoid Valves

It is used to control the irrigation operation remotely through wired or wireless.

- Sizes: $\frac{3}{4}$ inch to 12 inch
- Type: 24V AC & 12V DC
- Models: Angular / Globe / 2 & 3 way type
- Make: Hunter, Bermad, Rainspa
- Connection Type: Threaded & Flanged type
- Manual Operation Facility (Inbuilt feature)



A.Safety Valves

These are the valves used for the irrigation system safety to avoid the mishaps during irrigation operations like water hammering, backpressure & differential pressure etc.

1. Pressure Reducing, Relief & Sustaining Valve:

Pressure reducing valves are used on the mainline to reduce the pressure on the mainline as per the design head & discharge. Pressure Relief valve is used on the bypass mechanism to maintain the proper pressure & discharge in the irrigation system. Pressure sustaining valve is used to create the desire pressure in the line during filter cleaning & equivalent operations.

Sizes: 1.5 inch to 12 inch

Type: Pressure Reducing, Relief & Sustaining

Models: Angular / Globe

Make: Bermad

Connection Type: Threaded & Flanged type

Pressure pilots - 7 to 16 bar



2. Float Valve:

It is used in the fertigation system as well as in the level tanks to maintain the overflow of fertilizer & water.



3. Surge Protection valve:

It is used to sustain the water impacts or surges in the irrigation line & on pumps.



Sensors & Metering Devices

These type of components provide the real time data for irrigation & fertigation purpose as per the crop requirement

A. Watermeter:

It is the metering device to measure the amount of water passing into the irrigation system.

- Sizes: 1 inch to 12 inch
- Models: Angular / Globe
- Make: Bermad
- Connection Type: Threaded & Flanged type

**B. Temperature & Humidity Sensor:**

It is the device to measure the amount of temperature & humidity in the surrounding of the field or green house.

**C. Weather Station:**

It is a device which measures the multiple parameters of weather & has an access to track through controller.

**D. Soil Moisture Sensor:**

It is the device which is used to measure the amount of moisture present in the soil i.e. real time feedback system for precise irrigation.

**E. Fertigation Machine/dosing Pump - Dosing Pump :**

These are the equipments used for precise fertigation on the pulse basis as per the crop requirement.

Model: Piston operated

Injection Rate: 100, 200, 300, 500 & 1000 lph

**PROTECTED CULTIVATION****POLY HOUSE**

Mahindra EPC offers a naturally ventilated structure covered with UV-stabilized Poly film and Insect net cover. It will have a Natural air circulation effect for growing all kinds of vegetables and flowers in all regions.

**NET HOUSE**

A net house refers to a structure that is enclosed by agro nets or any other woven material to allow required sunlight, moisture and air to pass through the gaps. It creates an appropriate microclimate conducive to the plant growth. These are also called as Shade houses or a greenhouse.

**POLY TUNNEL**

A poly Tunnel also known as a hoop greenhouse grow tunnel or high tunnel is a tunnel typically made from steel and covered in polyethylene, usually semi-circular or elongated in shape. It will be having single-span or multi-span with height ranging from: 4.0m-6.0m.

**FAN-PAD / HI-TECH STRUCTURE**

Also known as a Forced ventilated structure or Climate Controlled Poly House (CCPH) covered with UV-stabilized Poly film / Polycarbonate and Side ventilation completely covered with Poly film or Polycarbonate sheet. It will have a Pad at one side of the span length and the other (opposite) side Exhaust Fan for throwing hot out. This rapid changing of inside climatic effect helps for growing all kinds of Nurseries, leafy vegetables and flowers in all regions with heights ranging from: 6.0m.



MULCH SHEET



Prevents
Soil Erosion



Reduces
Pesticide Usage



Reduces
Water Usage



Reduces
Soil Salinity



Yield Increase



UV stabilized



Reduces
Weed Growth



Density of white roots
increase in effective
red zone



SPECIFICATIONS

PRODUCT WIDTH :- 1 meter, 1.2 meter, 1.5 meter

AVAILABLE COLORS :- Silver/Black, White/Black, Yellow/Black, Red/Black

LENGTH OF ROLL :- 400 meter & 800 meter



AGRONOMY

OUR SERVICES

AGRI HELPLINE NO

1800 209 1050



Demo Plot & Best Practices

Package of Practices for
Major Crops

Best in class installations

Audio Visual trainings

Solution for protected
Cultivation needs

On Ground Supports