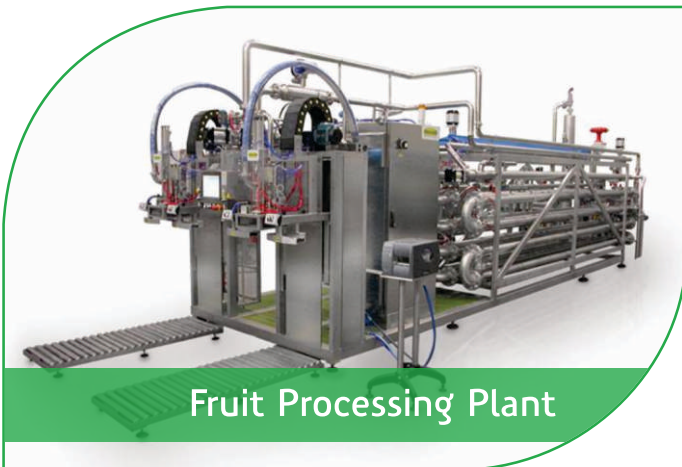




Hi-tech Greenhouse



Fruit Ripening Chamber



Fruit Processing Plant

Greentech INDIA
WE LOVE AGRICULTURE

**EXPERT IN HI-TECH AGRICULTURE
AND GREENHOUSE PROJECTS, EQUIPMENTS,
POST HARVEST AND FRUIT PROCESSING**

Mr. Ganesh Kulkarni is founder of the Greentech India. He is well known greenhouse technologist in India. He is having experience of 14 years in same field. Greentech India was established in 2010 and has executed sizable projects all over India

Greentech India has collaboration with four Israeli companies. Greentech India offers complete end to end solution for greenhouse project .We support the farmer right from the planning of the project ,Greenhouse Construction, Agronomy support & support for the marketing of the end product .

We also provide solutions for Post Harvest Technology like Packing House, Experts in Fruit Ripening Chamber and complete turnkey project for Fruit Processing. Greentech India is known as the expert in climate controlled Hi-tech Green House .Our policy is to make Agri-base profitable Profession with improving the environmental and health of the world at large.



Mr. Ganesh Kulkarni
C.E.O



SERVICES

- Greenhouse Construction and Turnkey Projects
- Shade House (Shade net) Turnkey Projects
- Environment Controlled Ripening Chamber Turnkey Projects.
- Fruit Processing Plants Turnkey Projects
- Cold Storage Turnkey Projects
- Contract Farming
- AMC's

PRODUCTS

- Greenhouse Equipment
- Post Harvest Equipment
- Ripening Chambers Equipment
- Fogging, Fertigation & Irrigation System
- LED Lamps for Labs
- Fodder Machine
- Automation of Aluminum Thermal Screen

CONSULTANCY

- Greenhouse Crops
- Hydroponics Technology
- Solution for Post Harvest Technology
- Fruit Processing Unit
- End to End Solution in Agri. & Horti. Production
- Agronomy Support

COLLABORATIONS

- TAP
- Tevatronic 3D Irrigation Systems.
- SAS Fertigation

A greenhouse is a structure in which plants are grown. Greenhouse protect crops from too much heat or cold and help to keep out the pests. Light and temperature control allows greenhouse to give ideal conditions for plants to give optimum yield. Hence, the quality & quantity of the yield is 5 to 10 times as compared to open farming.

CONCEPT OF GREENHOUSE TECHNOLOGY

Greenhouse technology enables protecting the plants from the adverse climatic conditions and providing optimum conditions of light, temperature, humidity, CO₂ and air circulation for the best growth of plants to achieve maximum yield and best quality. Thus a greenhouse is a covered structure with transparent material that protects plants from vagaries of weather or environment i.e. wind, precipitation, excess solar radiation, temperature extremes and also to some extent from attack of pests & diseases.

We give you all types of technically support and consultancy to farmers in Greenhouse technology right from greenhouse construction to marketing, i.e. plantation, irrigation, fertigation, pest and disease management and postharvest management etc.

ADVANTAGES OF GREENHOUSE CULTIVATION

- Higher Yield.
- Better Quality.
- Off seasons cultivation of vegetable, Flower & Fruit.
- Minimum Possibilities of diseases attack.
- Controlled utilization of water, nutrient, Pesticides and chemical.
- Easy monitoring and controlling.
- Soil less culture technology (Hydroponic) can be easily possible under greenhouse cultivation.

TYPES OF GREENHOUSES



Open Ventilated Greenhouse



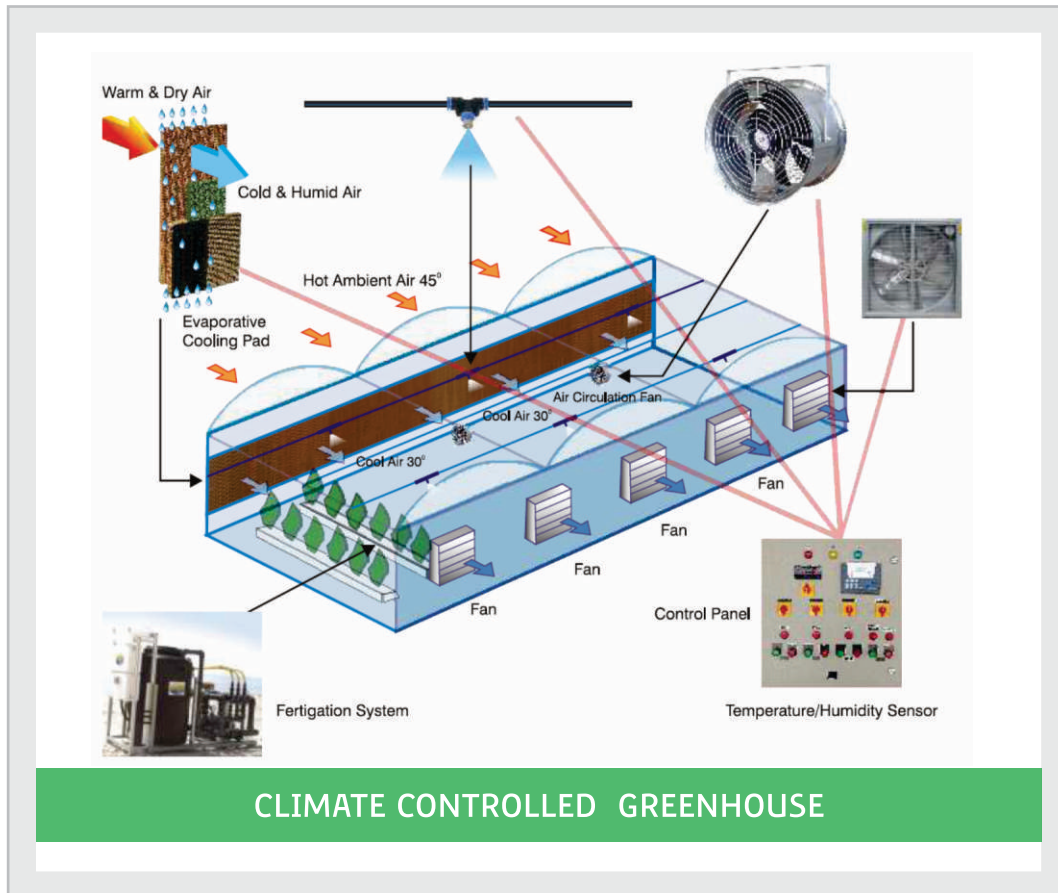
Shade House



Polycarbonate Greenhouse



Glass House



ENVIRONMENT CONTROLLED RIPENING CHAMBER TURNKEY PROJECTS



FEATURES

- Reduces handling and losses due to manual handling.
- Even ripening of the batch.
- Retains the moisture in the fruit which increases the total yield.
- Require less labour.
- Fast ripening.
- More production.

COLD STORAGE TURNKEY PROJECTS

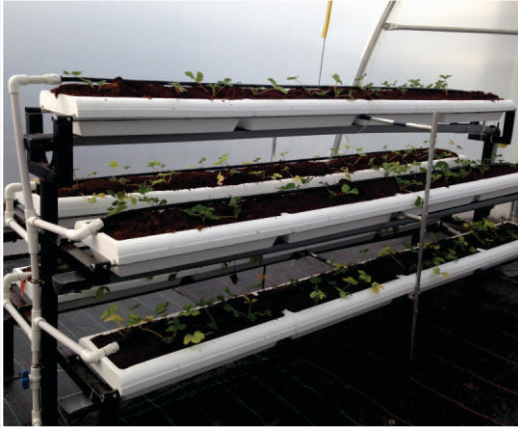


FEATURES

- Huge storing capacity up to 5000 MT.
- Bulk and Multiple products storing.
- Thermal insulation with pre-coated sheets maintain store hygiene
- Fully loaded generator backup of 500 KVA and Stand-by compressor
- Automatic temperature and refrigeration control
- Eco-friendly central refrigeration
- Cold storage turnkey projects and supply of cold storage equipment

HOBBY GREENHOUSE & GARDENING SYSTEMS

Home having garden in house gives you instant access to fresh, healthy, organic and hygienic product. Therefore you're not forced to visit the market to find them. You can save your time and money and also can grow various types of flowers.

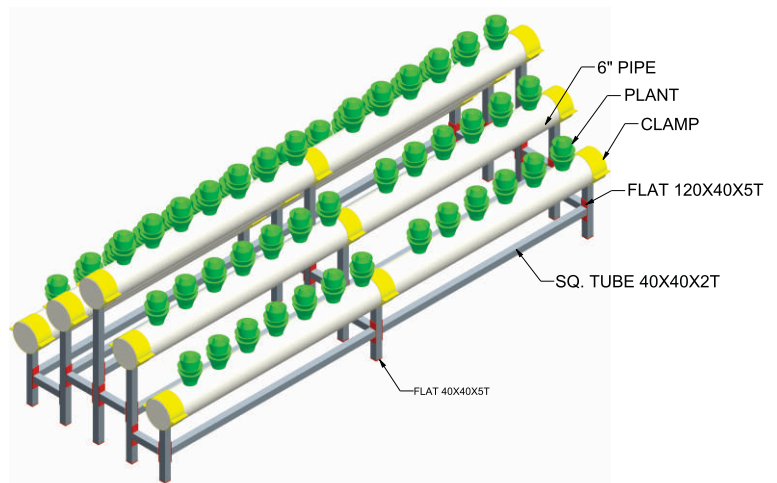
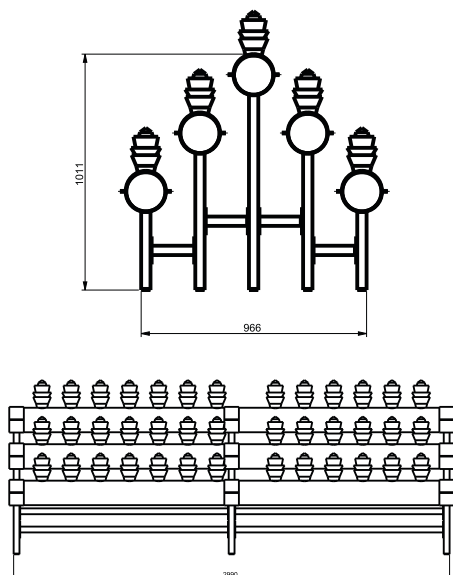


STRUCTURE FEATURES

- High quality Galvanized & heavy duty structure. Scientific design.
- Complete structure with assembling nut bolt. Easy to assemble and dissemble.
- High quality / imported equipment and material.
- Control system: - Automation in Irrigation & Fertigation Systems

ADVANTAGES

- Organic & Hygienic fruits & vegetables
- Off season & Soil less cultivation
- Easy to cultivate and handling, High yield
- Less water & fertilizer requirement &
- Easy to operate, Maintain control & Economical.



FRUIT PROCESSING PLANTS TURNKEY PROJECTS

Greentech India provides total turnkey projects of Fruit Processing Plant. Greentech India has great ability & strength in sourcing food engineering products. The technology provided by us requires minimum capital investment and lower energy consumption with higher production output, using the highest industrial standards.

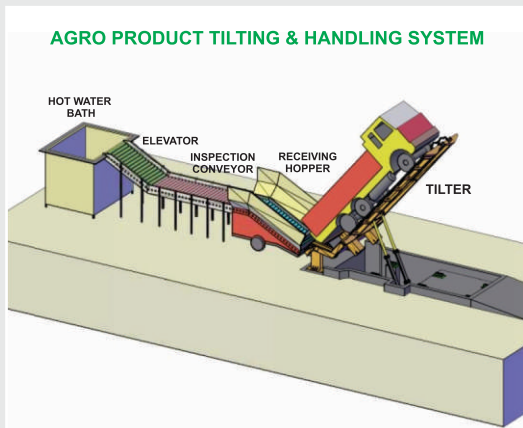


FEATURES

- Fruit Loading, Carrying Automation & High Quality Fruit Washer
- Complete pulp line from fruit washer to finisher
- Sterilizer packing aseptic machine
- Complete scientific layout and design of unit.
- Processing fruit like Mango, Banana, Papaya and Tomato etc.

TRUCK TILTING & HANDLING SYSTEM

The hydraulic truck unloading systems (HTU - Truck Tilter System) are used for rapid, safe and efficient unloading of large quantities of bulk products from trucks and containers.

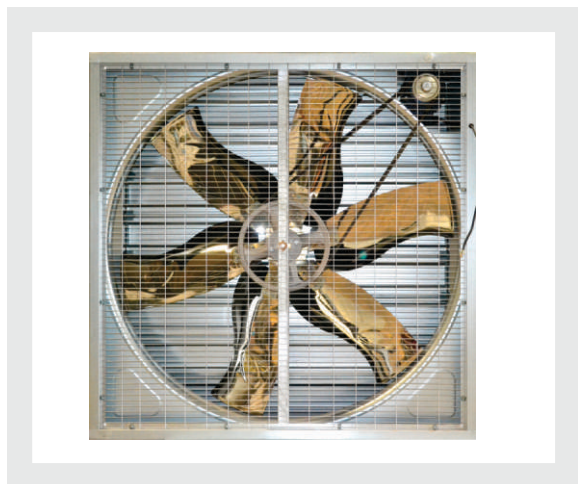


FEATURES

- Faster and more reliable operations. Up to 15m long trailer (Prime mover excluded)
- Back-in or drive-through vehicle
- With or without retention hopper wall for drive through option
- Common driving unit for multi-stations
- Single cylinder / Double cylinders pitless version also available & Easy Maintenance

EXHAUST BOX FAN

Greentech India with its extensive research and development has come up with a unique design of Drop Hamper Exhaust Fan System. These galvanized box fans are available in various sizes : 1000 mm (39") , 1220 mm (49") , 1380 mm (54") and 1530 mm (60").



FEATURES

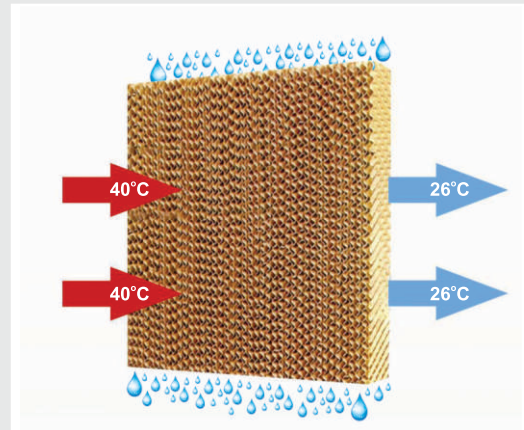
- Stainless steel fan blades , GI body , GI shutters with no connection with the blades assembly.
- Gives maximum CFM in the range , available in the market , with high static pressure.
- Dynamically balanced hub and blade assembly increases life and give trouble-free operations.
- Easy operation of shutters as blades are not connected with the mechanism . Heavy gauge GI body , six stainless steel blades for optimum performance with low noise.
- Various sizes available & some can be made to order.

SPECIFICATIONS

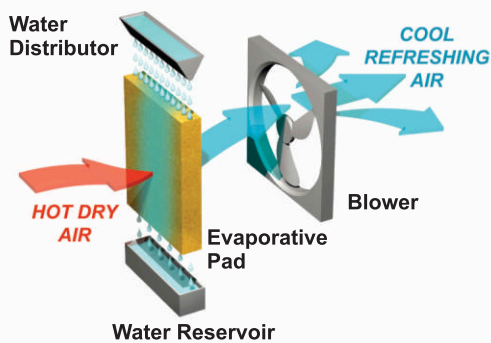
BLADE DIA	CFM @ 0 SP	RPM	BODY SIZE	WATT
609 mm (24")	6900	960	710	370
1100 mm (36")	13600	600	1270	750
1270 mm (50")	25890	440	1380	1100
1400 mm (55")	32842	325	1530	1500

HONEYCOMB TYPE EVAPORATIVE COOLING PAD & FRAME

Greentech India 's Evaporative Cooling Pad is made of fluted cellulose sheet which are glued together. Cellulose sheet is treated with unique ingredients to achieve high cooling efficiency and degradation resistance. As hot air passes through the evaporative cooling pads , a stream of cool and refreshing air is produced . The pad acts as a device that cools air through the evaporation of water . These pads are different from typical traditional air controlling systems and evaporative cooling works by employing water's large enthalpy of vaporization.



How Evaporative Cooling Works



FEATURES

- Excellent wetting Properties
- Strong & Self-supporting
- No water carry over
- Eco Friendly
- High Evaporation & cooling Efficiency
- Low Operation Cost
- Easy to Install
- Long Life span

AIR CIRCULATION FAN



FEATURES

- Perfect tube type design specially made for Greenhouses.
- Very effective to reduce the temperature and damages caused due to high humidity.
- Widely used in greenhouses for air circulation.
- Easy installation and Zero Maintenance.
- Very low power consumption.

SPECIFICATIONS

AIR VOLUME(M ³ /H)	POWER(WATT)	VOLTAGE(V)	LENGTH(MM)	AIR THROW
5300	180	220/440V	400	70 feet approx

HIGH PRESSURE FOGGING SYSTEM

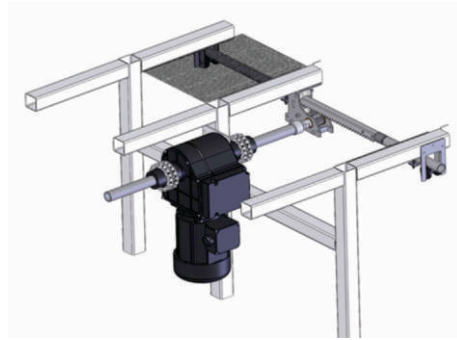


FEATURES

- Very Fine droplets up to 5 micron.
- Uses pressure up to 50 BARs.
- No need to modify the greenhouse.
- Can be fitted in any size of the greenhouse.
- No condensation, No dripping.

AUTOMATION IN ALUMINUM THERMAL SCREEN

Thermal screens are by far the most effective energy and cost saving technology in the modern greenhouse. Thermal shade screens open when light is limited and close when light is excessive. They also reduce heat loss, dew drop, heating costs, and help to maintain a more constant and comfortable greenhouse climate for your crop and your staff.



FEATURES

- Lifespan from 8 to 10 years & Reduces heating costs by 20 - 70%
- Stabilises the climate in your greenhouse
- Different models to select the best solution for your crops
- Reduces chances on fungal diseases
- Easy operating and maintenance free in automation system

AUTOMATIC FERTIGATION SYSTEM

Greentech India's Fertigation system is a complete irrigation head in a one machine that also features an inline Fertigation with direct injection that is designed to help maximize application efficiency of fertilizer and pesticides with user-friendly on panel board.

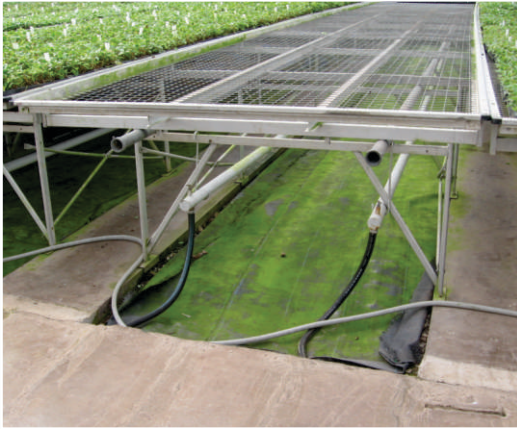


Digital Controller

FEATURES

- Use for Greenhouse and also open field.
- Saving of water, fertilizers, pesticides. Monitor and regular EC and pH levels.
- Adjustable fertilizer flow meter & User-friendly operating system

ROLLING BENCHES



FEATURES

- GI galvanized and aluminum rift free body.
- Light weight , easy to transport and installation.
- Long Life
- Customized to any greenhouse size, easy to operate.

PAR LAMP



FEATURES

- Lowest Energy Conserving
- Eco Friendly
- Special Design / As Per Requirement
- Works on Solar & AC Power
- Maintenance Free
- Better Efficiency

HEATING SYSTEM

Different models based on the type of Greenhouses. Gives clean air heating , hot water heating . Air heating based on fuel like coal , gas , diesel and electrical as available.



FEATURES

- Fast warming, Small volume and full auto control
- Easy installation and easy maintenance
- Reliable use, Low cost and Lowest Fuel Conserving

ELECTRONIC CLIMATE CONTROL SYSTEM

Greentech India is engaged in supplying and exporting of a wide assortment of Electrical Control Panel. Based on the latest technology, customized designed for maximum accuracy, the entire product range is offered in varied specifications to suit the different varied needs of Greenhouses and Ripening Chambers.



FEATURES

- Gives maximum protection from motor damage due to variation in electric power.
- Wide range of control system is available from simple to remote operating through computer & internet.
- Control the climate and other devices precisely to make the plant more healthy & comfortable.
- You can control your Greenhouse from remote place through internet

FRUITS - VEGETABLE CARRYING CRATES

Our company is successfully ranked amongst the prime exporters and suppliers of an exclusive collection of Plastic Crates. Highly spacious and capable of storing various products, this crate is reckoned in the market for its high quality and strength. Available in various colors and sizes, offered crate can also be custom designed depending upon the need of our clients.

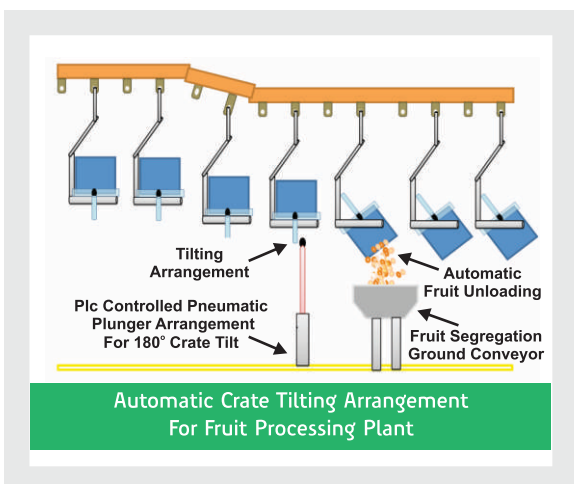


FEATURES

- Durability, High tensile strength
- Superior finish, Elegant design

CRATES CONVEYOR SYSTEMS

Greentech India has a range of industrial conveyors in varied designs and metal bodies. We can supply all kind of conveying system in fruit handling processing systems. These types of conveyors are made using robust materials and belts to assure smooth and easy operation.



FEATURES

- Heavy Duty body
- Outstanding performance and long functional life.
- Hygienic Design.
- Easy cleaning and easy maintenance.

FODDER MACHINE FOR CATTLE FEED

Grow livestock feed in just 7 days. Fodder or animal feed is any agricultural foodstuff used specifically to feed domesticated livestock, such as cattle, goats, sheep, horses, chickens and pigs. Most animal feed is from plants, but some is of animal origin. "Fodder" refers particularly to food given to the animals (including plants cut and carried to them), rather than that which they forage for themselves (see forage). It includes hay, straw, silage, compressed and pelleted feeds, oils and mixed rations, and sprouted grains and legumes



COLLABORATION WITH TAP (Teshuva Agriculture Project)

Greentech India is having collaboration with TAP. TAP is 50 years experienced company engaged in hi-tech greenhouse and Hydroponic technology (NFT) with this technology. NFT= Nutrient Film Technique.

The hydroponics technique we are using for crop production is a method of growing in which plants have their roots in a shallow stream of recirculating solution, in which are dissolved all the element required. There is no solid rooting medium. A root mat develops which is partly in shallow stream of the recirculating solution and partly above it. Thus, the stream is shallow and the upper surface of the root mat develops above the solution, although it is moist, is in the air. So around the roots, which are in the air, there is a film of nutrient solution.



Perfect Irrigation Every Time:-

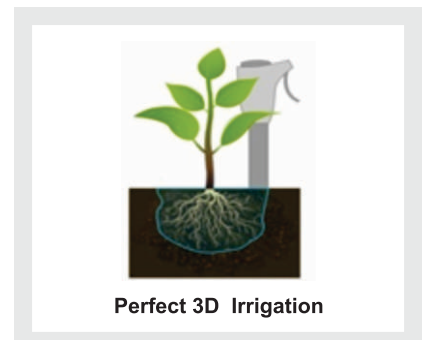
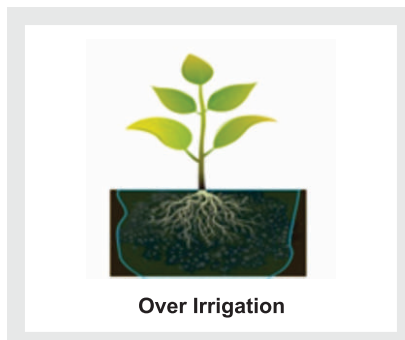
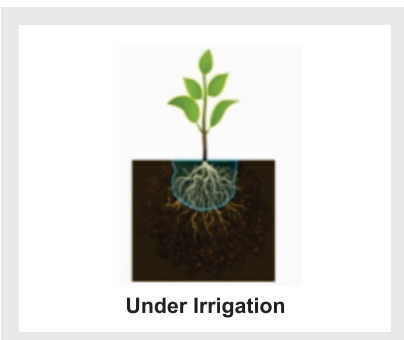
The problem with irrigation systems today is that at the very best, they are heuristic, meaning that the best irrigation systems available today will be most likely comprised of hundreds of different sensors that will generate huge amounts of data that may have nothing to do with the state of the crop. The statistical analysis which is performed on the data will presume to give useful information to the farmer, unfortunately in most cases, the opposite is true. All this information only serves to confuse and misguide the farmer.



Our solution is a fully autonomous irrigation control system that is based on a specific mathematical model, which is calculated from a single sensor by a computer, which gives a consistent usage of information without any statistical or other biases.

THE IRRIGATION IS PERFECT EVERY TIME, our computer will never sleep or stop monitoring the crop, it will always be there when the crop needs it.

The ability of 3D Irrigation is an amazing advantage of our system. Not only we are able to sense the water, but also we can precisely irrigate to a specific depth into the soil, such that only the main root system of the plant is irrigated. This eliminates waste of water to the depth, reduces environmental impact of agriculture, reduces the amount of resources to grow the crop, while enhancing its productivity. It is an amazing solution here to revolutionize the entire farming industry. JOIN US NOW.



FEATURES

- Irrigation Controller
- One Sensor for every 5 Ha
- Solar Powered
- Fully Autonomous





Our Export Areas



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