



TOTAL IRRIGATION SOLUTION

ECOFLO IRRIGATION

www.ecofloindia.com



SUMMARY

Why Ecoflo Irrigation ?
Product Overview
Projects
NGO Associations
Achievements and Awards
Manufacturing Setup

WHY US?

25YEARS+ EXPERIENCE

10,000+ SATISFIED FARMERS IN INDIA AND
5000+ BENEFICIARIES ACROSS THE WORLD

BULK MANUFACTURERS
OF COMPLETE RANGE OF IRRIGATION SYSTEMS, KITS
AND MANUAL PUMPS

GLOBAL PRESENCE SINCE 2001 IN 45+ COUNTRIES

HIGHLY COST-EFFECTIVE DESIGNING
+ EX-FACTORY PRICING
= LOW COST PER ACRE

EXPERIENCE IN
LARGE- TURNKEY PROJECT &
DEVELOPMENT WORK

DRIPLINES

THIN WALLED DRIPLINES

- Self cleaning feature
- Minimum clogging
- Uniform discharge rate throughout
- Easy roll-up, storage and re-use
- Low cost
- Special mix of material – Extends the life of the driplines

- Outer diameter = 12mm, 16.5mm and 20mm
- Thickness = 0.2mm, 0.25mm, 0.3mm, 0.4mm, 0.5mm and 0.7mm.
- Discharge = 1.2lph, 2lph and 4lph.
- Spacing between the drippers= 30, 40, 50 and 60cms.
- Life of the driplines = 2yrs for 0.2mm, 3yrs for 0.3mm and 5yrs for 0.5mm thickness driplines.





ROUND DRIPLINES

Diameter=16mm

Discharge rates= 2 LPH and 4 LPH

Emitter spacing is available starting from 20cm up to 100cm at any interval.

Recommended filtration is 120 mesh, using a screen or disc filter.

ONLINE DRIP SYSTEM

Laterals available in 12mm and 16mm

Dripper types:

1. Openable Turbo type

2. PCND

Microtubes available in 1.2, 1.3, 1.5 and 4mm





SCREEN & DISC FILTERS

- Inbuilt air release valve – Normally works as a flush valve
 - Water goes from inside to outside
 - Easy cleaning of mesh

Double Arrangement also available

Available in 16mm, 3/4", 1", 1.5", 2", 2.5", 3"

Automatic screen filters also available for large projects

SAND FILTERS

- Used where the water is from open well, canals, or reservoirs.
- Easy to flush and clean
- Strongly recommended for above 5 acres irrigation.

Available in 20,30,40,50mtr3



VENTURY INJECTORS

Easiest way to give acid treatment, fertigation.
Available with complete assembly

2" Turbo Ventury Injector

- Latest•Low cost•Low pressure•1350lph suction
- At a low differential pressure .



4-STATION SEMI-CONTROLLED VENTURY INJECTORS

- 4 various fertilizers can be injected into the system and be monitored and controlled using rotameter values
- Each ventury characteristics is as below
- 1) Suction Capacity :- 1200lph
 - 2) Range of Operation :- 0lph to 500lph
 - 3) N.P.K & any other micro Nutrient fertilizer can be injected

SPRINKLERS AND SPRAYERS



MICRO SPRAYERS

Used where

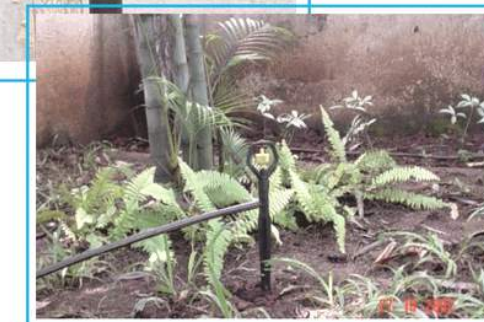
- Complete area is to be irrigated
- Certain level of humidity/coolness is required for the tender plants
- Throws water at 40 lph upto 1mtr
- Can be used inverted



FOGGERS

Used where

- Complete area is to be irrigated
- Micro climate application in greenhouses.
- Throws water at 7.5lph upto 1mtr
- Available in 4-way, 2way and single way



MINI SPRINKLERS

- Minisprinkler systems are used where complete area is to be covered perfectly without causing any harm to the crop/plants
- Discharge of 450lph upto 6.5mtr range

SPRINKLERS AND SPRAYERS



MIDI SPRINKLER

- Used particularly for plantation with a height of above 2ft
- Discharge of 180lph at 4mtr radius

Optional stake also available

- ## SUPER MINI SPRINKLERS
- Minisprinkler systems are used where complete area is to be covered perfectly without causing any harm to the crop/plants
 - Discharge of 450lph upto 6.5mtr range



PIPES AND THEIR FITTINGS



HDPE PIPES AND FITTINGS



PVC PIPES AND FITTINGS



LAYFLAT PIPES AND FITTINGS

PUMPING OPTIONS



SOLAR PUMPING SYSTEM

Low-cost and highly efficient solar pumping solutions running your existing pump from 1hp to 20hp.



ECOFLO TREADLE PUMP

Weighs just 12kgs
Discharge @5000Lph
Pressure enough to run a sprinkler and Drip system



ECOFLO HAND PUMP

Weighs just 1kg
Discharge @1200Lph
Pressure enough to run a sprinkler and Drip system

ELECTRIC AND DIESEL PUMPS ALSO AVAILABLE FOR TURNKEY PROJECTS

LOW-COST WATER STORAGE



FLEXI TANKS

There are various options available for the storage tanks.

1. Flexi Tank of 150,300,500 and 1000ltrs – Stand-alone tank. Foldable, light-weight and easy to install. With top cap for inlet and a bottom cock for outlet.
2. Flexi Tank of 200-250ltrs to be hung between 2 trees.

These are portable & very easy to assemble. These are durable & UV-stabilized with life upto 5years.
These are foldable & light weight with liner.



POND LINERS

We provide a range of durable & reasonable pond liners made up of composite plastic. It saves your storage tanks cost & help to save rain water.

DIY DRIP IRRIGATION KITS

GRAVITY IRRIGATION KITS

100sq.mtrs, 500sq.mtrs , 1000sq.mtrs

MINI SPRINKLER KITS

300sq.mtrs, 500sq.mtrs , 1000sq.mtrs

ECOFLO PUMP KITS

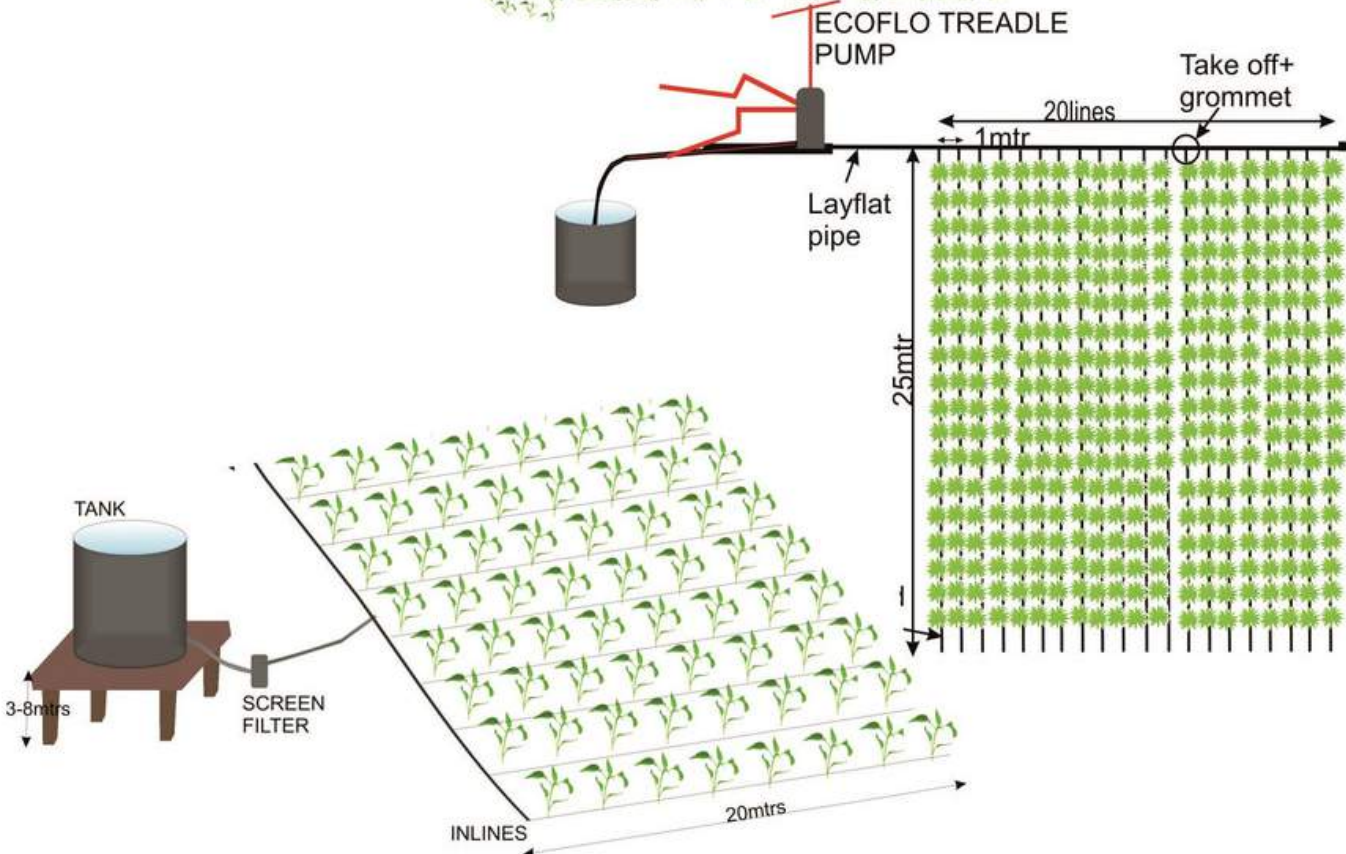
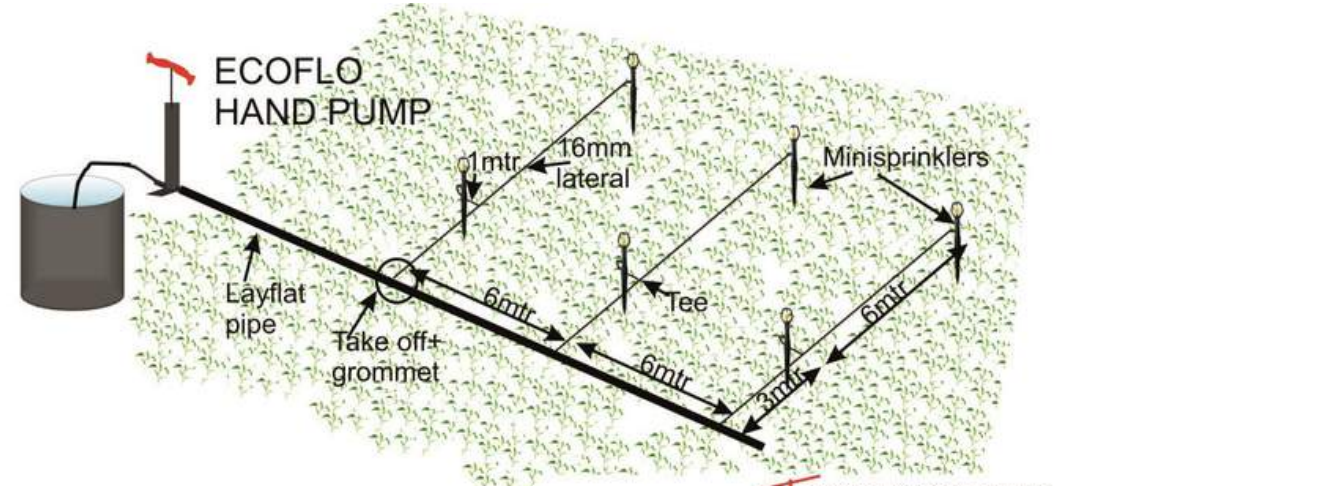
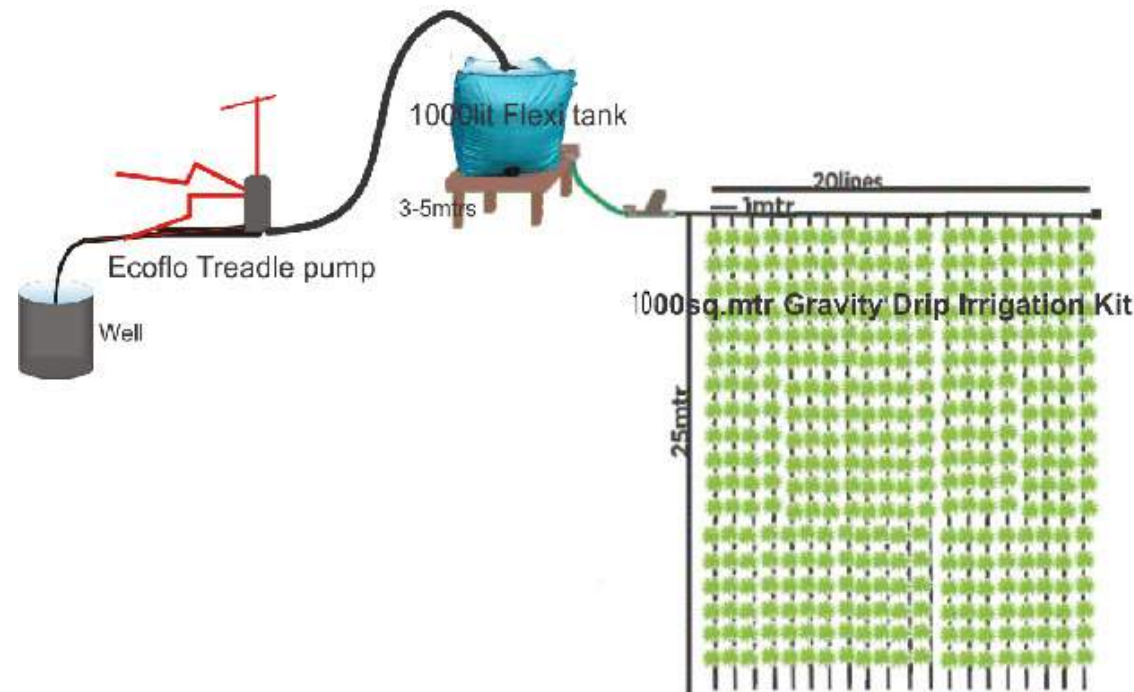
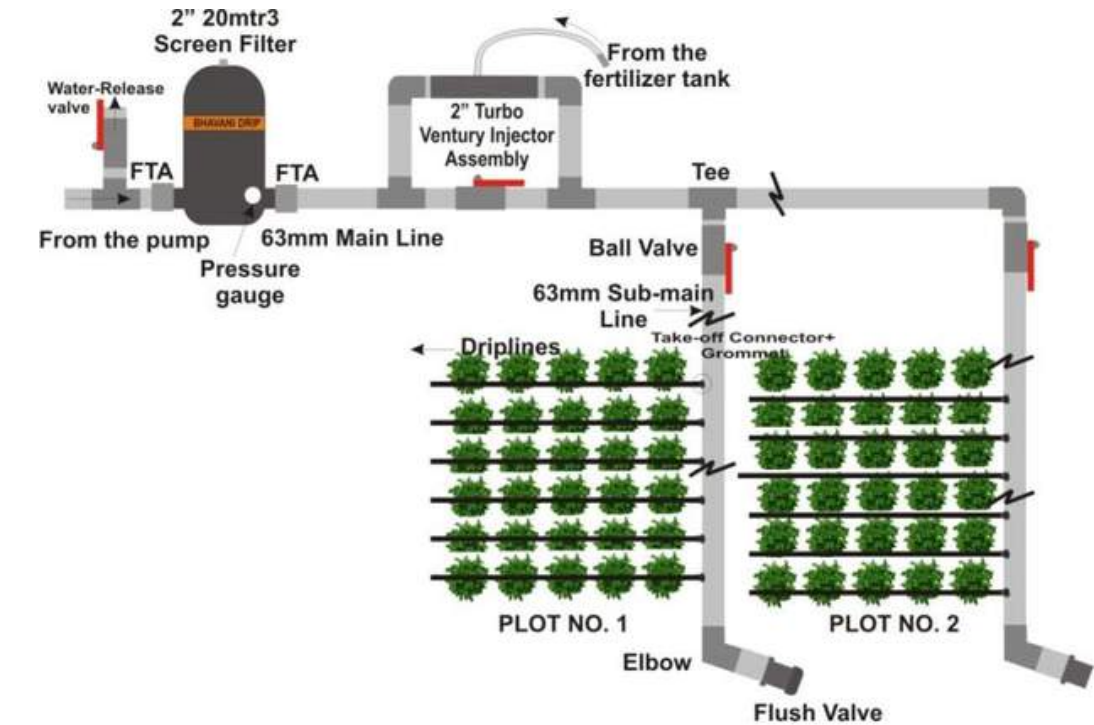
Powered using Ecoflo Treadle and Hand Pump

MOTOR DRIP KITS

0.5 Acres to 2Hectares Standard Kits working on motorised pumps

COMBO DRIP KITS

Ecoflo Pump + Flexi Tank + Drip Kit



ADDITIONAL PRODUCTS



AUTOMATION

Controller with solenoid valves can help in automation of the drip irrigation system



LANDSCAPE

- Rotors
- Sprayers
- Sprinklers
- Accessories



MULCH

Mulching Film available in all sizes and dimensions.

ADDITIONAL PRODUCTS

ELECTRONIC WATER CONDITIONERS

- No hard water problems
- Reduced scaling
- Increase in plant growth
- Increase in life of irrigation system



Before



No tip burning of leaves



After



No more scaling and clogging of drippers



PROTECTIVE FARMING SHADENET / POLYHOUSES

Mulching Film available in all sizes and dimensions.



PROJECTS IN INDIA



PROJECTS IN INDIA



OVERSEAS PROJECTS





NGO ASSOCIATIONS

IDE (INTERNATIONAL DEVELOPMENT ENTERPRISE)

BIAF

PRADAN

SWADES FOUNDATION

CARDS

AND MANY MORE..

AWARDS AND ACHIEVEMENTS

Plasticon Award in 2005 for the excellence in Contribution to Agriculture for development of an Agricultural Treadle Pump with innovative use of reinforced polypropylene for its components, suitable for rural and small farmers.

Marico Innovations Award in 2008 for innovation in Agriculture for a social cause.

Award from Government of Maharashtra District Industries Center in 2016 for outstanding performance in Exports presented by our guardian minister Hon. Girish Mahajan.





OUR MAIN MANUFACTURING UNITS

CONTACT US

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