

The New Sunrise

IN MICRO IRRIGATION ERA



 **GREEN INDIATM**
IRRIGATION LTD.

GREEN TECHNOLOGY FOR THE EARTH

www.greenindiairrigation.com

COMPANY PROFILE

Green India Irrigation Ltd. is one of the leading professional irrigation system manufacturer and service provider in India. Located in Maharashtra. Green India was established in 2008 year and since has accumulated extensive expertise and know how in development, design, production, marketing and installation of agricultural and landscaping irrigation products and turn key irrigation projects.

MAJOR ACTIVITIES

Designing, Development & Manufacturing of Micro Irrigation Product and Fitting.
Sprinkling systems and Equipments, Landscape / garden watering system PE pipes & fittings.

TEAM GREEN INDIA

Green India having a professional staff in design, technology, sales, customer service and quality control in the past 10 years. We are group with a strong integration who work towards the same goal. To provide our customers with the best services by not only the strong technology support but also integrity and friendship.

MAIN PRODUCTS

• Drip Irrigation Products • Sprinkler Irrigation Products • Piping System • Control Equipment
• Fertilization Equipment • Fittings

ADVANCED MFG. FACILITIES



• Manufacturing house 2000 sqr. mtr. • High tech testing laboratory

POLLY FITTINGS

GREENFIT™ POLY FITTINGS

Main Features :

- Special designed.
- Made by virgin material.
- Available in wide range.
- Heavy duty.
- '0' error.

Applications : Drip / Sprinkler Irrigation Polyhouse Irrigation etc.



GREEN LDTC
(FOR FLOWING LAYFLAT PIPE)

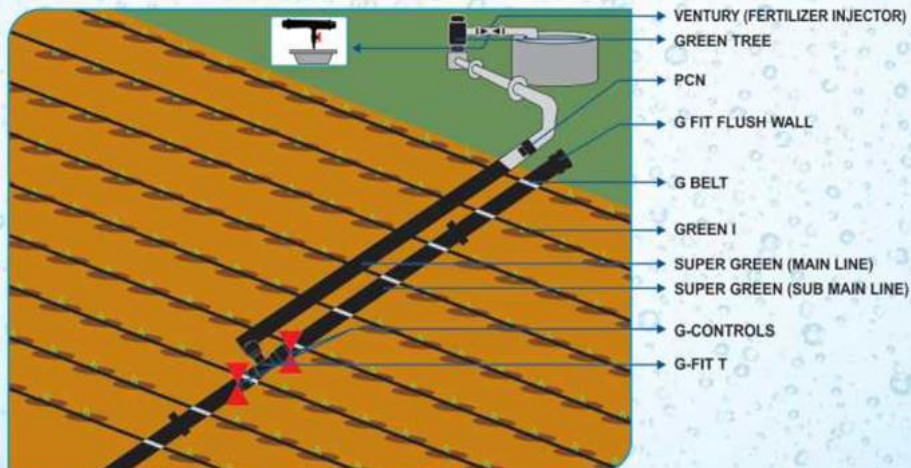


GREEN BELT
CONNECTOR



G-FIT DRIP FITTINGS

TYPICAL LAYOUT OF GREEN INDIA'S DRIP SYSTEM - "ALL IN ONE"



Main Features :

- No cutting, No pasting & No nut bolts first time in drip irrigation system.
- "SUPER GREEN" PE main & submain line with specialised '0' leakage G-FIT fittings.
- "GREEN I" & "GREEN I PLUS" lines connected to submain by specialised G BELT connectors.
- No need of digging field to buried main & submain line.
- Easy to install and retrieve or dismantle by self.
- Cost, energy saving efficient drip system.

BEST PRICE

BEST SERVICE

BEST QUALITY

CONTROL EQUIPMENT



BALL VALVES

Main Features :

Operated Manually.

- Available in Different Type Each with Distinctive Features.
- Regular handle for use in complete header assembly unit.
- Quarter turn handle operated ball valve.
- End connection : Plain / Threaded / Flange socket.
- Maximum pressure : 6 Bar.
- Chemical / Corrosion resistant, color UV stabilized.
- Available in : 2", 2 1/2", 3".

Applications : In drip and sprinkler irrigation system, irrigation system etc



BUTTERFLY VALVES

Main Features :

Operated Manually.

- Light weight, easy install.
- One piece Body made of PVC - U.
- Disc designed insuring low torque and low pressure lost.
- Rust prevention EPDM rubber seal.
- Available in : 65mm / 2.5", 80mm / 3".

Applications : In drip and sprinkler irrigation system, irrigation system etc.



SOLENOID VALVES

Main Features :

Operated Electrically.

- Heavy duty, corrosion and UV resistance PVC construction.
- External bleed screw with removable M PIN - allows for easy cleaning.
- Flow Control - Allows for precise flow adjustment and manual shut off.
- Heavy Duty Santoprene Diaphragm - Unique design improves durability of Diaphragm..
- Sizes available : 1", 1 1/4", 1 1/2" & 2".
- MOC : Nylon glass filled.

Applications : In drip and sprinkler irrigation system, irrigation system etc.



AUTOMATIC IRRIGATION CONTROLLER

Main Features :

Operated Electrically.

- Farmer user friendly.
- Specially design.
- Can operate different solenoid valve individually in sequence.
- Electric power supply 230VAC, 50Hz.
- Electric output - 24VAC, 2Amps.

Applications : In drip and sprinkler irrigation system, irrigation system etc.

PIPING SYSTEM

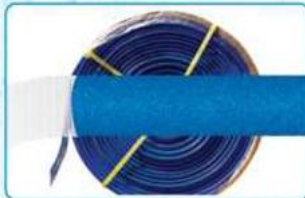


PE WATER PIPE

Main Features :

- Dimensions for HDPE pipe PE63, PE80, PE100.
- We produce a variety of PE pipes for irrigation, water supply, communication lines waste water conduction. Green India pipes are supplied in a large range of
- All pipes are produced in compliance with Indian standard. Nominal diameter is - 20mm to 355mm OD. Nominal pressure : (PN) 2.5kg/cm² to 16.00kg/cm² PN4 / PN6 / PN8 / PN10 / PM12.5 / PN16

Applications : Irrigation, water supply, waste water conduction.



Main Features :

- Outstanding flexibility and simple installation.
- Long endurance due to high strength against pressure.
- No light penetration and therefore no moss or microorganism. Soft PVC hose manufactured by world standard mfg. process and material

Applications : Drip Irrigation, Sprinkler Irrigation, General water delivery.

FOGGERS & SPRAYERS



GREENY FOGGER SPRAY

Main Features :

- Special designed with poly acetal material.
- Fine droplet size 50-60 micro @ 3kg/cm².
- Easy to install and dismantle.
- Available in 2way, 4way type.

Flow rate (@ 3 kg/cm²) : 2, 4, 6, 12 LPH

Applications : Inverted Overhead. Seed Germination And Plant Propagation, Green House Evaporated Cooling etc.



HYDRO CYCLE ON FILTERS

Main Features :

- High sand and clogged soil particle retention capacity.
- Minimum pressure loss.
- Perfect sealing.
- Wide range & flow rates.

Available in plastic and metal body. Available in 2", 2.5" & 3" BSP/NPT.

Applications :

suitable for any irrigation / green house, industrial, domestic and laboratory use.



AP PUMP FILTER

Main Features :

- Good combination of screen and spray nozzle.
- SS body.
- Flange equipped specious filter.
- To clean out river or water pond root level debris like algy and other broad material.

Available in plastic and metal body. Available in 2", 2.5" & 3" BSP/NPT.

Applications:

For drip / sprinkler irrigation.

FERTILIZER EQUIPMENT

GREENFERT™
FERTILIZER EQUIP.



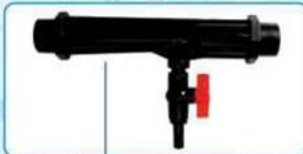
FERTILIZER TANK

Main Features :

- Work on hydraulic pressure of irrigation system.
- No need of extra motor or power.
- Injection rate of fertilizer can be precisely controlled.
- Less head loss.
- Could be used for injection of large volume of fertilizer.
- Saving in fertilizer quantity.
- Made from high quality metal material.

F. T. available in 60, 90, 120, 150 lit. cap.

Applications : Drip and sprinkler irrigation.



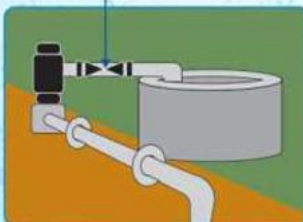
VENTURY (FERTILIZER INJECTOR)

Main Features :

- Work on hydraulic pressure of irrigation system.
- No need of extra motor or power.
- Injection rate of fertilizer can be precisely controlled.
- Less head loss.
- Could be used for injection of large volume of fertilizer.
- Saving in fertilizer quantity.
- Made from high quality plastics with special design.

Ventury available in 1/4, 3/4, size with 300~1200 lit/hr capacity. Made from chemical resistance plastic & metal for injection of fertilizer and chemical through drip / sprinkler system.

Applications : Drip and sprinkler irrigation.



FILTERS



MEDIA FILTERS

Main Features :

- Available for flow rates from 25m³/hr to 600m³/hr.
- Vertical design facilitates large filtration depth.
- Available in single, duplex, triplex or more compilation for greater Volume filtration.
- Heavy duty matel material is used.

Applications : Drip & sprinkler projects. Drinking water supply schemes to separator water born debris. To use primary filter in drip irrigation system. More suitable for water with algae & other O. M.



WATER DISC

Main Features :

- High particle retention capacity.
- Three dimensional filtration to retain OM
- Minimum pressure loss.
- More filtration range 100 to 130 micron.
- Special design & plastic material used for Disc plate
- Perfect sealing.
- Wide range & flow rates.

Available in 2", 2.5" & 3" BSP/NPT. Regular / Automatic / semi automatic type available. Spin clean system for high flow is available.

Applications :

suitable for any irrigation / green house, industrial, domestic and laboratory use.



SCREEN FILTERS

Main Features :

- High particle retention capacity.
- Three dimensional filtration to retain OM
- Minimum pressure loss.
- More filtration range 250 to 100 micron.
- Perfect sealing.
- Wide range & flow rates.

Available in 2", 2.5" & 3" BSP/NPT. Available in plastic and matel body. Best quality SS screen. Regular / Automatic / semi automatic type available.

Applications :

suitable for any irrigation / green house, industrial, domestic and laboratory use.



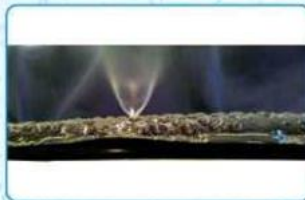
RAINPIPE - SPRAY WATERING HOSE WIDE RANGE TYPE

Main Features :

- It is water spray system mostly used to irrigate from crops.
- It consists of a flat flexible plastic hose with 0.30mm WT.
- Spray water by his over top macro holes.
- More efficient sprinkler system for small fields.
- No need to filters.
- Pipe OD - 60mm
- Spray width 8~12 mtr @ 1.00kg/cm².
- No clogging.

Flow Rate (@ 1.00kg/cm²) : 350~550 lph

Applications : Seed Nursery Tuber Crop, Leafy Vegetable, Onion, Potato, Etc.



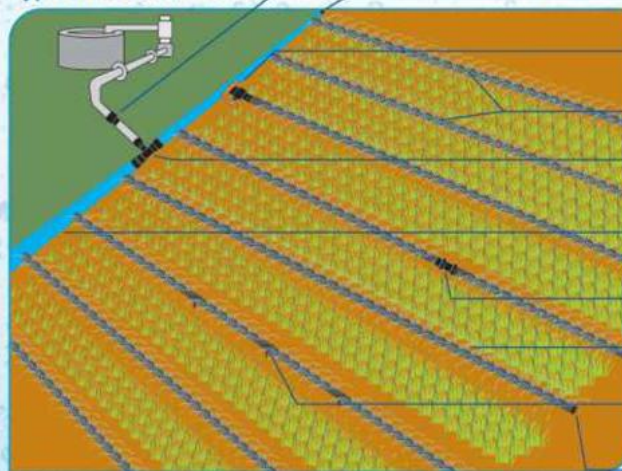
RAINPIPE - SPRAY WATERING HOSE SHORT RANGE TYPE

Main Features :

- Fine water droplet size 50-60 micro.
- Spray flow 3 mtrs.
- Pressure equipments - 1kg/cm².
- Best option for fogger and mist sprayer.
- Easy too installation and dismantle.

Applications : Seed Germination, Plant Propagation, Green House Colling Etc.

Typical installation idea



SPRINKLER IRRIGATION

GOLD RAIN™ SPRINKLER SYSTEM



Main Features :

- Best quality HDPE pipe welded by fusion with **G-FIT™** coupler.
- **G-FIT™** means '0' pressure '0' leakage.
- All fittings T, L, PCN, 4 way, End available.
- Strong, durable, easy to connect and dismantle and shift.

Specification OD : 63, 75, 90 & 110mm.

High grade metal special designed sprinkler. Nozzles - 3/4" speciality uniform spray and durable.

Pipe pressure rating (kg/cm²) : 2.5, 3.2, 4.0, 6.0

Flow Rate (@ 2kg/cm²) : 32 LPM

Applications : All Oil seed crops, Tuber Crops.

GOLDEN™ RAINGUN SPRINKLERS



Main Feature :

- To irrigate tall crops.
- For irrigate big field.
- Uniform spray.
- Good quality tripod stand - 1 1/4 mtr. , to 2 mtr.
- pressure equipment 2.5 kg/cm² to 4kg/cm²
- Easy to shift and layout.

Applications : Sugarcane, Maize, Gram, Tea Estate, Coffee, Estate Dust Suppression, Sport Field, Golf Course Etc.

Note : For piping system use our HDPE sprinkler pipes or FLOWKING. LAY FLAT pipe with suitable fittings.

GREEN CHAKRA™ MINI & MICRO SPRINKLERS



MINI SPRINKLER

Main Features :

- Low to moderate flow rate & fine droplet prevents water runoff.
- Very high application uniformly.
- Watering radius @ 2kg/cm² up to 8-12mtr
- Recomanded Spacing 8x8mtr. 10x10mtr.

Flow Rate (@ 2kg/cm²) : 40-330 LPH

Applications : Vegetable, Tuber Crops, Oil Seeds Etc.

MICRO SPRINKLER

Main Features :

- Line water droplet.
- Excellent uniformity.
- 1/2" male threaded connection.
- Recomanded spacing ; 5x5mm, 6x6mm

Flow Rate (@ 0.5-3.0kg/cm²) : 350-950 lph.

Applications : Oil Seeds Crop, Ginger, Onion, Nursery Flowers Etc.

ONLINE DRIPPERS

DREAM FLOW™ ODLPC DRIPPERS



Main Features :

- Openable & OLPD type.
- Colour code available.
- Strong and wide water path.
- CV - less than 10%

Flow Rate (@ 1 ~ 2kg/cm²) : 2, 4, 8 LPH

Applications : Tree, Shrub, Horticulture Orchards.

TIP TIP™ W-SPECIALTY DRIPPERS



Main Features :

- Openable & quick feat lock type system.
- Only two parts male and female.
- Strong turbulent flow path.
- Mfg. by chemical resistance plastic.
- Structure is precision, durable and longevity.
- CV - less than 10%

Flow Rate (@ 2kg/cm²) : 4, 8, 16 LPH

Applications : Horticulture Crops, Green House etc.

H (जीवन)™ PC DRIPPERS



Main Features :

- The dripper design integrates three elements to minimize the clogging.
- Protected cross shaped stopper water inlet.
- Flushing mechanism of regulating diaphragm.
- Strong turbulent flow in labyrinth continual cleaning and flushing.
- Large water passage.
- Particularly wide and precise regulating range.
- Colour code for identification of flow rate & model.
- Chemical resistance plastic used.
- CV less than : 4%
- Anti drainage

Flow Rate (@ 0.50 ~ 2.5 kg/cm²) : 2.0, 4.0, 8.0 LPH

Opening Pressure : 0.25kg/cm²

Closing Pressure : 0.15kg/cm²

Applications : Tree, Shrubs, Flower Beds, etc.

DRIP LATERALS



Main Features :

- Chemical stability, Hygienic and Fluidity.
- Flexibility, Light wait and Suitability.
- Corrosion resistance and Impact resistance.
- Low temperature resistance.
- Abrasion resistance and economical efficiency.
- White LD pipe manufacturing.
- Available : ODmm 12, 16, 20, 32
- Wall thickness mm : 0.60 ~ 1.10

Application : Water works, Drip Irrigation, Sprinkler Irrigation

DRIP IRRIGATION



Main Features

- Cylindrical dripper in built emitting pipe available in 12, 16, 20 OD.
- Durable multi seasonal. Wall thickness range 0.5mm to 1.1mm.
- High clogging resistance.
- 2 & 4 outlets for each dripper.
- Uniform emission rate along the length.
- Super bonding with fine extruded pipe.

Flow rate (@2kg/cm²) : 12mm - 2, 4 LPH, 16mm - 2, 4 LPH, 20mm - 4, 8 LPH.

Spacing : 0.10 to 2 mtrs.

Applications : All kind of field crops, vegetable, onion, cotton, sugarcane



Main Features

- Various spacing between emitters for many applications.
- Excellent uniformity.
- Accurate spacing between the drippers.
- Excellent CV & EU.
- High clogging resistance.
- Integrated filter inlet & self cleaning characteristic.
- Single & double outlet for each dripper.
- Outlet hole (perforation) size - 3mm.
- Available in 8, 10, 15, 18, 25, & 32 mil.
- Available : OD 12, 16, 20 mm.

Flow Rate (@ 0.5 ~ 1kg/cm²) : 2 & 4 LPH

Emitter Spacing : 10, 20, 30, 40, 50 cm

Applications : All kind of field crop, vegetables etc.



Main Features

- Exceptional hoof type of channel - It make excellent pressure reducing.
- High clogging resistance with durable integral filters.
- Same price in different spacing (10 ~ 20 cm).
- Superior CV & EU with linear type (Not emitter type).
- Available in OD - 16, 20 mm.

Flow Rate (@0.5~1kg/cm²) : 0.80 ~ 1.20 LPH

Applications : close spacing all crops.



FACTORY :

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(MS, INIDA)

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