

The only economical Solution for efficient irrigation.

# oasis

**Oasis** Sprinkler and Drip Irrigation systems have contributed a lot in the recent Indian Green Revolution. Under this scientific system, with limited quantity of water, it is possible to irrigate even undulated land efficiently improving crop quality, crop yield with small quantity of fertilizer and least labour.

Since 1968 Oasis is in the service of Indian farming community with its various types of efficient

### Oasis HDPE Pipe based Sprinkler Irrigation System:-

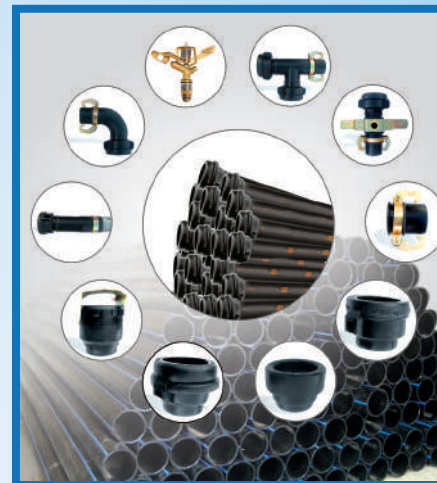
**Oasis** HDPE Quick Coupled Pipe is flexible, sturdy, durable, and even non rotting, light in weight, but at the same time very economical, has proved boon for Indian Agriculture. Two Quick Coupled Pipes can easily be joined without much of efforts within a friction of a minute. The Pipes are available in the sizes ranging from 50 mm to 160 mm outer diameter and in various pressures rating with ISI mark, an assurance for quality. Light weight of HDPE makes their mobility easy and stress free.

**Oasis** also produces many models of Sprinkler and Rain Gun for different radius of throw and application rate, varying from light to very heavy application and small to big diameter coverage. They are made of non corrosive material such as Brass, Gun Metal, Aluminium, Stainless Steel and even Engineering Plastic. They apply water evenly and are sturdy and durable.

**Oasis** Sprinklers are available to suit all types of soil and crop. Water soluble fertilizers can also be sprayed evenly on crops along with irrigation water without any extra effort and expenses which results in saving of fertilizer & labour cost and at the same time better crop quality and higher yield can be obtained.

**Oasis** HDPE Pipe based Sprinkler Irrigation System has become very popular amongst Indian farmers due to its ease of operation, light weight, flexibility, sturdiness durability and economical cost.

**Oasis** Sprinkler Irrigation System is available to farmers under Government Subsidy scheme.



### Oasis Drip Irrigation System:-

**Oasis** Drip Irrigation is a most suitable system by which with minimum quantity of water and small quantity of fertilizer and without any extra labour, irrigation and fertigation requirement of plants can be met. With this System of irrigation, better quality of crop and higher yield is obtained resulting manifold increase in farm income.

All the row crops such as vegetables, fruits, flowers, cotton, sugarcane, fruit bearing trees such as Mango, Guava, Banana, Goose Berry, Dragon Fruit and many others can easily and profitably be irrigated by this system.

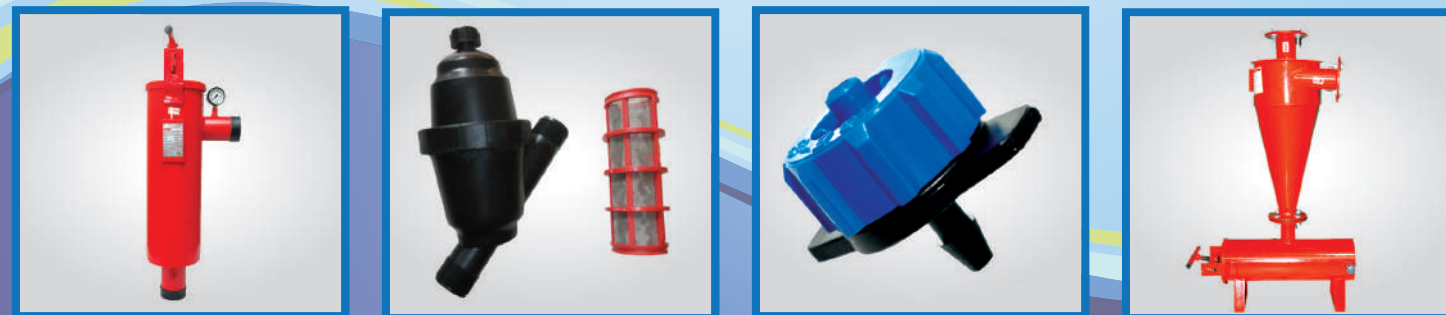
Since, the entire quantity of water and fertilizer is applied near the trunk of plant, weed growth is negligible, it is fully utilized by the plant roots, leaving no water and fertilizer wastage. Various capacity Drippers are used, to be selected considering the type of soil, water requirement of plant and climatic condition for best result. Drip system is usually installed for long period. Due to its numerous advantages, Drip Irrigation System is becoming popular in agriculture world.



**Oasis** filtration is life line of Drip System, for its efficient operation, filter is selected considering quality of water.

Many types of Filters are offered .

The equipment used for Drip Irrigation System are mainly made from Engineering Plastic which are durable and lasts long.



### Advantage of Drip Irrigation System:-

1. Up to 70% saving in water.
2. 30-40% saving in fertilizer
3. Control of weeds.
4. Possibility of use of salty water
5. Control of soil erosion.
6. Improvement in quality of produce.
7. Up to 90% increase in yield.
8. Full utilization of fertilizer.



### Oasis Fertigation System:-

With the help of "Ventury", soluble fertilizer can be applied along with irrigation water directly near the trunk of the plant, without any extra labour and expenses.

### Comparison of water saving and increase in yield between flood irrigation and Drip Irrigation

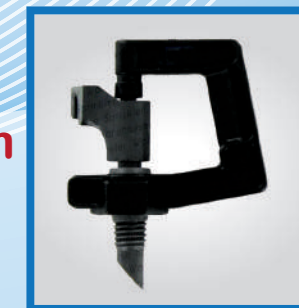
Crop	Increase of yield %	Water saving %
Pomegranate	20-40	50-60
Potato	20-30	40-50
Sugarcane	50-60	30-40
Tomato	80-90	60-70
Cauliflower	60-80	30-40
Brinjal	20-30	40-60
Cabbage	30-40	50-60
Lady Finger	75-80	40-60
Chilli	30-40	60-70
Gourd	20-40	40-50
Bean	55-65	30-40



### Suggestion for interval between two irrigations under Drip Irrigations.

Climate	Type of Soil		
	Sandy	Light Sandy Loam	Clay & Fertile
Hot & Dry	Twice Daily	1 or 2 days interval	2 or 3 days interval
Medium	Once a day	2 or 3 days interval	3 days interval
Cold	Once a day	2 or 3 days interval	4 days interval

### Oasis Mini & Micro Sprinkler System



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