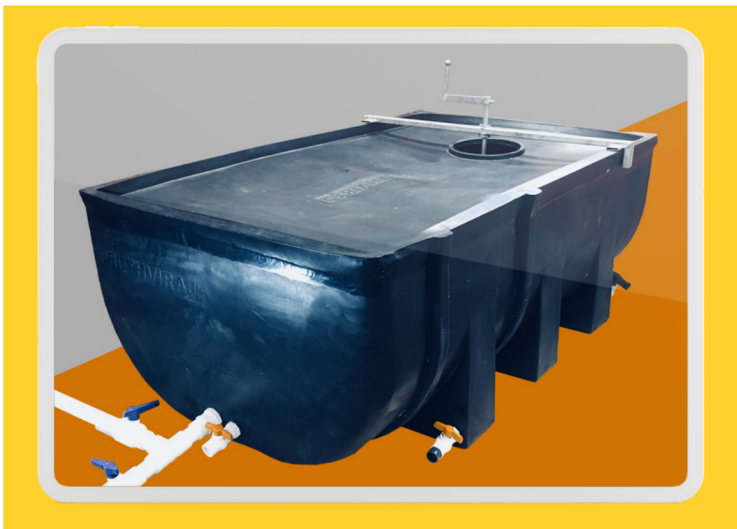


PRUTHIVIRAJ SLURRY FILTER

For Jeevamrut application through Drip Irrigation



Mgf. by: Suchet Agro
LLP, Pune

www.jeevamrut.com



WINNER OF NABARD AWARD FOR RURAL INNOVATION IN 2012



Cattle slurry/Jeevamrut is an integral part of Natural/Organic Farming. It is a source of macro nutrients (Nitrogen, Phosphorous & Potassium) secondary macro nutrients (Calcium, Magnesium, Sulfur) and micronutrients (Iron, Boron, Manganese etc.) to the crops. It also supplies various bacteria which are essential for breaking down of mineral compounds in ready to use nutrients for the crops. Bacterial infusion helps better utilization of already present minerals in the soil. This increases the soil fertility. Thus, need for chemical fertilizers is kept to minimal, saving on the cost. This way production cost is kept low in return assuring higher income.

PREPARATION OF CATTLE SLURRY/JEEVAMRUT

Ingredients

1. Dung from indigenous Cow
2. Cow Urine
3. Soil from the roots of a Banyan Tree
4. Gram Flour
5. Jaggery

These ingredients should be mixed with water & be kept in shade for 3-5 days. This mixture should be stirred 2-3 times a day. After completion of the 5 days period this Slurry/Jeevamrut is ready. It should now be poured at the roots of each plant.



TRADITIONAL METHOD

MANUAL PREPARATION IN TANKS

APPLICATION BY HANDS





HURDLES IN CATTLE SLURRY/ JEEVAMRUT APPLICATION

Cattle Slurry/Jeevamrut when traditionally prepared was being administered manually. It is a very tedious, time consuming and expensive method. With the current labor availability crisis this is non- feasible. This practically has constrained the application frequency and quantity; thus not being able to utilize the potential to the fullest.

To overcome this Cattle Slurry/Jeevamrut should be applied through existing Drip Irrigation systems. However, how do we inject through such narrow lines? It will definitely choke the pipes and the tiny nozzles.

If we can get this Slurry filtered the above problem can be solved. 'Pruthviraj Slurry Filter' addresses this problem.

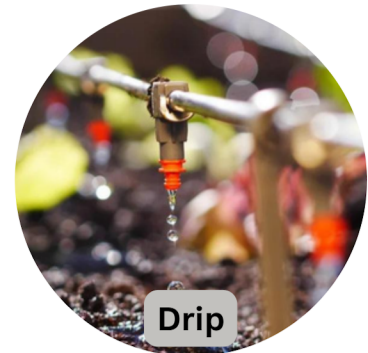
The filtered liquid from 'Pruthviraj Slurry Filter' can be applied through Drip or any other micro irrigation system without having to worry about any choke-ups.

Improved Method

Cow Dung + Other Ingredients



Filtered Jevamrut



Drip



Sprinklers

PRUTHVIRAJ SLURRY FILTER

For Jeevamrut application through Drip Irrigation

Volume	Width	Height	Max. qty for Dung	Ideal for Area
1100 Liter	3.28 Feet	4.4 Feet	15 KG	4-6 Acres



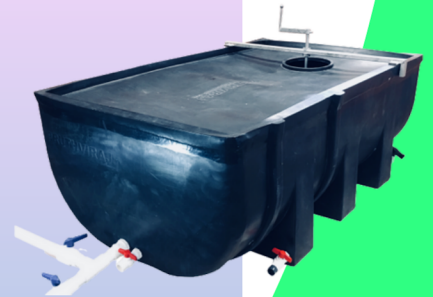
1100 LITER



Volume	Length	Width	Max. qty for Dung	Ideal for Area
1600 Liter	7 Feet	4 Feet	40 KG	10-16 Acres

1600 LITER

Volume	Length	Width	Max. qty for Dung	Ideal for Area
900 Liter	6 Feet	3 Feet	20 KG	7-9 Acres



900 LITER



Volume	Length	Width	Max. qty for Dung	Ideal for Area
500 Liter	4 Feet	3.5 Feet	10 KG	1-3 Acres

500 LITER

Suchet Agro LLP,
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