



BIOGAS TRANSPORTATION BY DRIP LATERAL PIPELINE

Shri Shyamrao Vinayakrao Deshmukh

At Tandulwadi Post Gobhani, Ta Risod Distt Washim
(Maharashtra)

DESCRIPTION OF INNOVATION

Village Tandulwadi has no approach road and conventional LPG gas can not be transported to village regularly. Generally biogas plant is located near the house of the farmers. There are cases when no land is available near the house and cattleshed is at large distances. These farmers feel it difficult to use biogas in kitchen. This farmer has tried to transport the biogas at about 700 feet from the cattleshed to kitchen by use of drip irrigation pipeline. The idea was conceived after long discussion with Shri P.P.Shelke, SMS, Agril.Engg of KVK

Profile:

Age: 55 Years

Education: 10th

Land Holding: 40 Acres

Farming Experience: 20 years

Crops Grown: Soybean, pigeon pea, sugarcane, drumstick, teak, mulberry, maize

Live stock: 15 Nos.

Recognition: The farmer is Chief Volunteer of farmers club, Tandulwadi Village, He has honored State Level Award by “Lokmangal” for work in organic farming and use of Bio-gas. NVA Fellowship by MSSRF. He also identified as farm innovator by Dr.PDKV, Akola.

PRACTICAL UTILITY OF INNOVATION

Experience of the farmer in long distance transport has been adopted by many farmers in village Tandulwadi and adjacent villages. This technique proved that there is no need to have land for biogas near to house of farmer but biogas plant can be located at Cattleshed and it can be safely and economically transported to kitchen overhead by use of drip irrigation pipeline. Similar size LLDPE pipeline with higher thickness will be a better solution.

