

Organic Fertilizer Produced from Faecal Sludge

- ↻ From different research, it is proved that organic fertilizer made from faecal sludge is a quality fertilizer. Fertilizer value of this fertilizer is more than cow dung. By using this fertilizer we can get better production than chemical fertilizer.
- ↻ Excess or uncontrolled use of chemical fertilizer can spoil the soil properties, it requires more cost as well. On the other hand, organic fertilizer increase soil health and require less cost.
- ↻ When latrine pit will get full then cover of pit must be closed with sand or soil in a way so that water or any unexpected materials don't enter into the pit. It can be useable after one year after following this prescribed way.
- ↻ If the faecal sludge is kept within a pit then it will become dry and then turn into as organic fertilizer. It should not be collected and apply in the field before one year. Because if we use it before one year then it can causes diseases or harmful for health.
- ↻ After one year we can get faecal sludge from a pit with odour free, dry and granular form, that is why, no kerosene or bleaching powder is required for emptying pit.
- ↻ Liquid faecal sludge is riskier for human health. If anyone uses liquid faecal sludge in crops field then it will contaminate that crops, but if we keep this faecal sludge within a pit for one year then it will become quality fertilizer as well as harmful bacteria and other germs will perish.
- ↻ Everyone should wear gloves during processing and use, but one can wear polythene instead of gloves.
- ↻ Because of lack of clear idea some people are afraid to eat crops or vegetables produced from faecal sludge fertilizer. But it is proved that it is not harmful. But it is mentioned that it is good to take off the skin of crops & vegetables like cucumber, carrot etc.
- ↻ Wash your hand after using this fertilizer.

Because of these benefits we use organic fertilizer produced from faecal sludge:

Soil Texture and Structure: Organic fertilizer increases fertility of land and develop stronger root systems that lead to greater pore space and grow better, improve this capacity of retain water, reduce soil erosion and keep balance soil temperature.

Soil Nutrient: Organic fertilizer works as an earth food. It increases the necessary soil content like, nitrogen, potassium, phosphorus, zinc, organic carbon, sulphur, boron etc.

Production Capacity: This organic fertilizer prevents different diseases of crops and increase beneficial microorganisms (bacteria, algae etc.) and earthworms. Above all, organic fertilizer acts as a natural filter of soil.