

CASE STUDY DESCRIPTION



Institute name: Centre for Science and Environment

Unit of relevance: Sub-course 4 (Unit 4.5)

Link to video: <https://youtu.be/mhYI8Yuy0A0>

TITLE: Case Study on Reuse of FS as a Soil Conditioner in Agriculture (India)
DURATION: 9:36 minutes
PROBLEM STATEMENT: Disposal of pit latrine sludge is a major health and environmental problem in the Third World. Additionally, the sludge contains phosphates (a critical but diminishing resource) and other nutrients, which are generally wasted in current disposal methods.
DESCRIPTION: The case study is on the reuse of faecal sludge as a soil conditioner in India. It covers the informal use of the faecal sludge in agriculture and provides advice about the need for the sludge to be treated before reuse. In situations where the faecal sludge cannot be treated to an appropriate level, the use of the multi-barrier approach is recommended.
PRESENTATION STYLE: The video is based on and interviews with FSM experts, service providers and users and includes footage from the field on the use of faecal sludge in agriculture.
TAKE HOME MESSAGE: Faecal sludge is a good resource which can be used as a soil conditioner in agriculture as long as it can be treated to a safe level or by using the multi-barrier approach.