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Paddy field soil conservation: Indian historical practices

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ABSTRACT

India is an ancient land having high seasonal rain fall (4 months rain & 8 months dry), has paddy cultivation. Because silt-sand separation; buoyant sand gets carried; silt agglutinates. Rill fluid dissolves agglutinated soil; vectors as silt → degradation. Indian farmer has unique agricultural field conservation; soil cum fertility maintenance/regeneration heritage. Also use the stubble and cow dung (cellulose) as binder cum multi purpose in-field uses. economic; ecologically safe; and not discussed earlier. Good tool for altruistic administrations.

KEYWORDS

Stubble; Cow Dung; Paddy; Multi-Crops; Heavy Monsoon Rains; Soil Conservation

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- [5] Rajo festival is celebrated in Odisha very intently. It is a 3 day deemed (cultural) menstruation period for mother Earth. No earth related activity are done. Farm implements are put on worship. Ladies do not cook, take to the swing. Outside it is cloudy, sultry and breezeless. Swing helps in evapotranspiration → cooling → feel comfort factor.
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