

**GOVERNMENT OF INDIA  
RURAL DEVELOPMENT  
LOK SABHA**

UNSTARRED QUESTION NO:3038

ANSWERED ON:12.08.2005

USE OF JUTE GEO TEXTILE IN CONSTRUCTION OF ROADS UNDER PMGSY

Sugavanam Shri E.G.

**Will the Minister of RURAL DEVELOPMENT be pleased to state:**

(a) whether the Government has approved the use of jute geo-textile in the construction of rural roads under the Pradhan Mantri Gram Sadak Yojana;

(b) if so, the details alongwith the benefits thereof;

(c) whether the Government has sanctioned any projects for use of jute geo-textile; and

(d) if so, the details thereof, State-wise?

**Answer**

MINISTER OF STATE IN THE MINISTRY OF RURAL DEVELOPMENT(SHRIMATI SURYAKANTA PATIL)

(a) to (d) Ministry of Rural Development has approved a pilot project for use of jute geo-textile in construction of 2 roads each in the States of Assam, Chhattisgarh, Madhya Pradesh, Orissa and West Bengal, in association with the Jute Manufacturers Development Council (JMDC), under the Pradhan Mantri Gram Sadak Yojana. The details of the road works are given below: -

Name of the State Road length (in kms.) Cost of project (Rs. in lakh)

Assam	8.80	357.91
Chhattisgarh	10.30	318.95
Madhya Pradesh	8.24	218.39
Orissa	9.50	404.58
West Bengal	11.00	490.22
Total:	47.84	1790.05

The expected advantages of the use of jute geo-textile in road works include improved quality and performance of roads on soft sub-grade soils in high rainfall and water logged/flood prone zones, thereby reducing the maintenance cost. The total cost of the road works with jute geo-textile is relatively less compared to the conventional method of constructing the roads under most adverse conditions.