

**GOVERNMENT OF INDIA
ENVIRONMENT AND FORESTS
LOK SABHA**

UNSTARRED QUESTION NO:4237
ANSWERED ON:29.08.2011
GLOBAL WARMING FROM PADDY
Mitra Shri Somendra Nath

Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

- (a) whether Green House Gas (GHG) emission from rice/paddy field in the country contributed considerably to global warming;
- (b) if so, the details thereof;
- (c) the action taken by the Government to prevent the same;
- (d) whether emission of GHGs can be somewhat reduced by using cleaner technologies currently available in western countries; and
- (e) if so, whether the Government will go for cleaner technologies to reduce GHG/Methane emissions from rice/paddy fields and save the earth from ill-effect of global warming?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT AND FORESTS (SHRIMATI JAYANTHI NATARAJAN)

- (a) & (b) According to the assessment by the Indian Network for Climate Change Assessment (INCCA), emission from rice/paddy field in the country has been estimated to be of the order of 69.87 million tonnes of Carbon dioxide equivalent in 2007.
- (c) to (e) Several package of practices in cultivation relating to water and fertilizer management have the potential to reduce green house gas emissions and are followed as appropriate.