

**GOVERNMENT OF INDIA
SPACE
LOK SABHA**

UNSTARRED QUESTION NO:6532
ANSWERED ON:16.05.2012
LAUNCH OF RISAT I
Meghwal Shri Arjun Ram

Will the Minister of SPACE be pleased to state:

- (a) the details of the likely impact of the successful launch of the indigenously build Radar Imaging Satellite, RISAT-1, by the Indian Space Research Organisation (ISRO) on agriculture and disaster management sector in the country;
- (b) the nature of assistance likely to be provided by RISAT-1 in raising agricultural productivity, particularly with respect to paddy; and
- (c) the manner in which information regarding water resources is likely to be provided by the satellite along with the details thereof?

Answer

MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PG & PENSIONS AND IN THE PRIME MINISTER'S OFFICE

(SHRI V. NARAYANASAMY): (a) Radar Imaging Satellite, RISAT-1, is capable of imaging under cloud-cover and all-weather conditions.

RISAT-1 ensures timely information on

- (i) pre-harvest acreage estimation of paddy crop during Kharif season; and
- (ii) mapping of inundated areas during flood and cyclones for disaster management.

(b) The RISAT-1 satellite as such does not provide direct assistance in raising paddy productivity. (c) The RISAT-1 will provide information on surface water bodies which is useful in assessing periodic water availability in the tanks and reservoirs in conjunction with ground information leading to improved water resources management.