HAILSTORM CONTROL TECHNOLOGY PROGRAMME

1932. DR SANJAY SINH:

Will the Minister of EARTH SCIENCES be pleased to state:

(a)   whether Government considers to launch any project for accurate forecast of Monsoon, cyclone and other emergent incidents related to weather, if so, the details thereof;

(b)   the length capacity of hailstorm control technology programme i.e. weather monitoring capacity in the area thereof;

(c)   whether this technology provides twenty four hours, updation of cloud mass and rain patch after every ten minutes; and

(d)   if so, the details thereof and the benefits to farmers thereof from it?

ANSWER
MINISTER OF STATE FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTRY OF EARTH SCIENCES
(SHRI Y. S. CHOWDARY)

(a)-(b) No Sir.

(c)   Under the areas covered under the radial range of Doppler Weather Radars (DWRs), 10-minutes updates of cloud characteristics and rainfall rate and associated spatial distribution are getting generated for very short range (6h) –Nowcast of various severe weather phenomena including thunder storms and associated possible hail storm activity. Further, specific agro-meteorological advisories preceding three major Hail/severe thunder storm events that have severely impacted parts of Maharashtra-NW and Central India during 28 Feb. – 1 March and during 13-16 March; J & K during 28-30 March of 2015 were issued covering safeguards/remedial measures on 27th Feb./3rd March; 12-13/17thMarch and 27/31 March, respectively, under Gramin Krishi Mausam Seva (GKMS) Program of ESSO-IMD.

(d)   Specific feedback from farmers suggest that

i) Farmers from Uttarakhand harvested Toria crop prior to the intense rain spell that saved from shattering atleast 50% of its recorded yield (2.5 t/ha).

ii) 8-Farmers from different villages of the Amaravati District of Maharashtra have harvested their vegetable crops so as to avoid damage from the hail/rain.

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