

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE AND FARMERS WELFARE
DEPARTMENT OF AGRICULTURE, COOPERATION AND FARMERS WELFARE

LOK SABHA
UNSTARRED QUESTION NO. 2876
TO BE ANSWERED ON THE 13TH March, 2018

CHAMAN YOJANA

2876. DR. MANOJ RAJORIA:

Will the Minister of AGRICULTURE AND FARMERS WELFARE कृषि एवं किसान कल्याण मंत्री be pleased to state:

- (a) the salient features of the Chaman Yojana;
- (b) whether the above said project was launched by the Government through the remote sensing technique three years back, if so, the details thereof and the extent to which it has achieved its targets;
- (c) the manner in which the aforesaid scheme is taking the horticulture farming to the new heights;
- (d) the details of the benefits of the scheme reaped so far by agriculture sector and farmers; and
- (e) the time by which it is likely to be implemented in all the States of the country, the details thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्रालय में राज्य मंत्री (SHRI PARSHOTTAM RUPALA)

(a): CHAMAN (Coordinated Assessment and Management using Geoinformatics) is a Central Sector Scheme, launched on pilot basis in few States in September 2014 with two components - (i) The Remote Sensing Component and (ii) the Sample Survey Component. The main objective of the scheme is to develop a scientific methodology for reliable estimation of area and production under horticulture crops.

(b): Yes, Madam. The Remote Sensing component of the project CHAMAN was launched with the following objectives.

- Area assessment and production forecasting of 7 major horticulture crops, i.e., onion, potato, tomato, banana, mango, citrus and chilli, in selected 185 districts of major States.
- Six Geospatial Studies for Horticultural Development, Planning and Management.
- Detailed scientific research studies for developing technology for other crops identification, yield modeling, disease assessment and precision farming.

Contd...2/-

The following targets have been achieved:-

- The inventory of 140 out of 185 districts has been completed.
- 1-2 pilot studies of each of the six geospatial components have been completed. In North Eastern States, the site suitability plan for horticultural expansion in 1 district of each State has been completed.
- Under R&D study, the precision farming and spectral signature study work have been carried out.

(c): The project though at pilot level in this phase, has standardized methodology for early estimation of Area & Production of Horticulture crops, horticulture expansion and infrastructure planning. All these activities will provide, in long term, a big boost to horticulture sector.

(d): The benefits of the scheme for farmers and development of horticulture sector are in the following aspects.

1. A more accurate and early estimate of horticultural crops is helpful for making better planning for pricing, export & import and storage.
2. The geospatial studies help in horticulture expansion and horticulture infrastructure development.
3. The precision farming studies help in improving the resource use efficiency of horticulture farming.

(e): As of now, the horticulture inventory study is limited to 12 major horticulture producing States. In addition, the horticulture development study is carried out in 8 North Eastern States. In Phase-II, it is proposed to extend to more states in the country.
