



F.No. 7/1(1)/CHAMAN Phase-II/2018-MNCFC

13th November, 2018

Sub : Involvement of 8 ICAR Centres in CHAMAN (Phase-II) Project – regd.

Sir,

As you are aware, generating a timely and accurate estimates of horticultural crops is extremely important for various planning and management activities such as pricing, storage, import & export etc. Considering this, Department of Agriculture, Co-operation & Farmers' Welfare, under Mission for Integrated Development in Horticulture (MIDH), had launched a programme called CHAMAN (Coordinated Horticulture Assessment and Management using Geo-informatics) in September 2014. MNCFC had been given the responsibility of coordinating the Remote Sensing component of the programme, which was implemented in collaboration with ISRO Centres, IMD and State Horticulture Departments.

2. Under this project, apart from various horticulture developmental activities, using GIS and Remote Sensing, District, State & National level crops estimates were generated for 7 major horticulture crops, namely, Potato, Onion, Tomato, Chilli, Mango, Citrus and Banana. Based on the success of CHAMAN project, the Ministry has launched Phase-II of the CHAMAN project. One of the major gap area found during the CHAMAN Phase-I was developing yield estimates for horticulture crops.

3. Based on the brainstorming workshops conducted by MNCFC, along with various crop specific ICAR centers, it was found that research work, especially in the field of crop modeling, is needed to generate a suitable yield estimate. Hence, in the CHAMAN Phase-II, the collaboration of 7-8 ICAR Horticulture Crop related Centres have been proposed and which has been approved by DAC&FW, along with the budget provisions. The Centres which are proposed to be collaborated under CHAMAN Phase-II are:

1	Indian Institute of Vegetable Research (IIVR), Varanasi
2	Central Institute of Sub-Tropical Horticulture, (CISH), Lucknow
3	Central Citrus Research Institute (CCRI), Nagpur
4	National Research Centre for Banana, (NRC-B), Tiruchirapalli
5	Director Onion & Garlic Research (DOGR), Pune
6	Central Potato Research Institute (CPRI), Shimla
7	National Research Centre for Grapes (NRC-G), Pune

4. We are also proposing to collaborate with CESCRA Division of IARI for coordination of this activity and also developing the simulation model, and Agricultural Physics division of IARI for various activities related to UAV based crop assessment.

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5. Sir, you have been a strong supporter of use of technology for crop assessment, hence, I sincerely request you for your kind support, guidance and concurrence for involvement of the above mentioned ICAR Centres, under CHAMAN project.

With warm regards,

Yours faithfully,



(Shibendu S. Ray)

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Ministry of Agriculture and Farmers Welfare
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Copy to :

- i) DDG (Horticulture), DARE, Krishi Bhawan, New Delhi
- ii) All Directors of the concerned ICAR Institutes