



भाकृअनुप-केन्द्रीय शुष्क बागवानी संस्थान

श्री गंगानगर मार्गबीछवाल औधोगिक क्षेत्र डाकघरबीकानेर-334006

ICAR-Central Institute for Arid Horticulture

Sri Ganganagar Highway, Beechwal Industrial Area P.O., Bikaner-334006



CIAH/PME/Misc/2025-26

Dated:10-02-2025

To

Sh Arjun Lal
Jt. DAG (Agro-ATC)
Commissionerate of Agriculture
Pant Krishi Bhawan, Jaipur

Subject: VSQ 5355 Sh. Harlal Sharan (Churu) Reply
Ref: Your email dated 07 February 2026

महोदय,

आपके द्वारा उपरोक्त के संदर्भ में चाही गई सूचना निम्नानुसार है।

1. प्रदेश में पारंपरिक कृषि पद्यतियों को संरक्षित रखने के उदेश्य से कितने कृषि संग्रहालय निर्मित है स्थान व संख्यावार विवरण सदन की मेज पर रखे।

पारंपरिक कृषि पद्यतियों को संरक्षित थीम पर संग्रहालय संस्थान के पास नहीं है।

2. क्या सरकार जिला चुरू में मरूस्थलीय कृषि संग्रहालय खोलन का विचार रखती है यदि हां तो कब तक विरिण सदन की मेज पर रखें

भवदीय

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(डी. के. सरोलिया)

प्रभारी पीएमई प्रकोष्ठ



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CIAH/PME/Misc/2025-26

Dated:11-38-2025

To

Anup Kumar Bhattacharjee
Principal Scientist
Indian Council of Agricultural Research
Krishi Anusandhan Bhwan-II
Pusa, New Delhi
Email dadabhatu@gmail.com

Sub: LS Dy. No. 12431 on Concerns of the Farmers of Barmer Region to be answered on 17.03.2026

Ref:- Email dated 09 March, 2026

Sir,

With reference to above subject, we have not received any query from Gudamalani and Sindhari regions of Barmer Lok Sabha Constituency regarding bacterial blight and nodal blight in pomegranate so far.

However, a joint survey involving scientists from NRC on Pomegranate, Solapur, ICAR-CIAH, Bikaner, ICAR-CAZRI and Agricultural University, Jodhpur was conducted on 08th October, 2025 as per ADG (Fruits and Plantation Crops), HSD, ICAR, New Delhi, vide office order No. Hort. Sci. 5-81/2025-HS-I dated 04.10.2025.

During survey, it was observed that bacterial blight and Cercospora leaf spot diseases were found from moderate to severe form in villages/*dhaanis* such as Choudhary ki Dhaani (away from village- Bodiwada); village-Mithoda, Soor Singh ka Dhaana and village-Bodiwada of **Balotra district, Rajasthan**.

The detailed report was submitted by NRC on Pomegranate, Solapur, Maharashtra to Council.

This is issues with the approval of the Director

Regards

--sd--

(D. K. Sarolia)
I/c PME Cell

To

Anup Kumar Bhattacharjee
Principal Scientist
Indian Council of Agricultural Research
Krishi Anusandhan Bhwan-II
Pusa, New Delhi

Subject: Provisionally admitted Rajya Sabha Starred Question Diary No. 7785 for answer on 21.08.2025 - Transfer to Ministry of Agriculture & Farmers Welfare reg.- reg.

Ref: Your email dated 14 August 2025

Sir,

With reference to above subject, the desired information is given below,

question no. (b) What is the impact of climate change on fruit-bearing trees and other horticultural crops? Has there been any decline in production due to shifting climate patterns?

Reply: ICAR CIAH is working on climate, resilient, arid and semi-fruit crops such as custard apple, aonla, ber, pomegranate, citrus, which are tolerant to stresses caused by extreme temperatures, drought and high radiation . Hence losses due to climate change are relatively less. However, crops like aonla, lasoda were affected by severe frost while rise in temperature beyond 45°C for an unusually longer period affected the fruit yield. Increase in frequency of temperature extremes have led to fruit cracking in pomegranate and bael. Erratic rainfall can lead to enhanced pest and disease buildup in these crops.

This is issues with the approval of the Director

Regards

--sd--

(D. K. Sarolia)
I/c PME Cell



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CIAH/PME/Misc/2025-26

Dated:13-08-2025

To

Anup Kumar Bhattacharjee
Principal Scientist
Indian Council of Agricultural Research
Krishi Anusandhan Bhwan-II
Pusa, New Delhi

Subject: Lok Sabha Unstarred Diary No. 13703 regarding "Production of Fruits" due for answer on 19.08.2025 - reg.

Ref: Your email dated 06 August 2025

Sir,

With reference to above subject, the desired information is attached herewith in respect of ICAR-CIAH, Bikaner and AICRP-AZF for perusal and further necessary action pl.

This is issues with the approval of the Director.

With regards

--sd--

(D. K. Sarolia)
I/c PME Cell

ICAR-Central Institute for Arid Horticulture, Bikaner

(a) the details of the increase in production of fruits across the country during the last three years, year-wise;

Fruit production statistics (mt)

S.No	Fruit crop	2022-23	2023-24	2024-25 (second estimation)
1	Date palm	0.02	0.10	0.20
2	Pomegranate	3.10	2.84	2.89
3	Bael	0.06	0.06	0.06
4	Aonla	1.32	1.38	1.40
5	Ber	0.53	0.52	0.56
6	Custard apple	0.46	0.83	0.53
7	Tamarind	0.002	0.002	0.002
8	Jamun	0.003	0.003	0.003
Total		110.21	112.98	114.45

(b) whether the production of fruits has been higher than the targets fixed;

Increasing trend observed during last three year except custard apple, ber etc

(c) if so, the details thereof, year-wise;

Not applicable

(d) the names of the fruits about which increase and decrease in production have been assessed; and

Institute assessed date palm and pomegranate area and production of 2017-18 to 2024-25 with increasing trend with primary data collection in western districts of Rajasthan.

Increase in production: Date palm, pomegranate, Aonla

Decrease in production: Ber, Custard apple

(e) whether Uttar Pradesh State has achieved the first rank among the States in the production of fruits, if so, the details thereof?

Not applicable

2022-23	2023-24	2024-25 (second estimation)
Andhra Pradesh	Andhra Pradesh	Andhra Pradesh

AICRP on AZF

- a. **The details of the increase in production of fruits across the country during the last three years, year-wise;**

(Quantity In: ('000) tonnes)

Fruit Crop	2022-23	2023-24	2024-25
Aonla	1317.55	1378.50	1400.55
Custard apple	460.18	828.92	529.73
Pomegranate	3097.72	2842.12	2895.77
Ber	530.64	526.32	561.50
Bael	63.89	65.55	64.74
Fig*	2,768.83	2,808.32	-
Date Palm	-	-	200.39

* Fig is consider as minor fruit crop so its individual production data is not available. Minor fruit crop production data provided

Source: National Horticulture Board (NHB)

<https://agriexchange.apeda.gov.in/Production/Indiacat/Index>

Department of Agriculture and Farmers Welfare

<https://agriwelfare.gov.in>

- b. **Whether the production of fruits has been higher than the targets fixed;**
- Target not fixed for these crops
- c. **If so, the details thereof, year-wise;** Not applicable
- d. **The names of the fruits about which increase and decrease in production have been assessed;**
Production of fig, custard apple, Pomegranate, Ber, Bael and Aonla has been increased
- e. **Whether Uttar Pradesh State has achieved the first rank among the States in the production of fruits, if so, the details thereof?**
Not applicable



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CIAH/PME/Misc/2025-26

Dated:07-08-2025

To

Anup Kumar Bhattacharjee
Principal Scientist
Indian Council of Agricultural Research
Krishi Anusandhan Bhwan-II
Pusa, New Delhi

Sub: Lok Sabha Admitted Starred Question Dy. No. 11847 regarding “Impact of crop Diversification on Famers’ Income” due for answer on 12.08.2025—reg.

Ref: Your email dated 06 August 2025

Sir,

With reference to above subject, the desired information is given below for for perusal and further necessary action pl.

Query asked:

1. Respected PCs are requested to provide the input for parliament question (particularly for crop diversification in Madhya Pradesh).

Response: Under the project of AICRP on Arid Zone Fruits, JNKKV, Jabalpur centre is carrying out research on Custard Apple, Tamarind, Bael and Jamun which are spread across 717.61 ha, 1171 ha, 10920.29 ha and 647.60 ha with production 5008.00 MT, 12657.36 MT, 129102.79 MT and 7910.23 MT respectively. They can potentially contribute to crop diversification in the state as there is increasing demand for planting material from farmers. The centre has been motivating farmers for adopting fruit crop technologies through a series of trainings and survey programme. Planting materials are also being supplied to farmers for developing orchards. This centre is also working for the development of variety specifically for Madhya Pradesh region.

This is issues with the approval of the Director.

With regards

--sd--

(D. K. Sarolia)
I/c PME Cell



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CIAH/PME/Misc/2025-26

Dated:22-07-2025

To

Anup Kumar Bhattacharjee
Principal Scientist
Indian Council of Agricultural Research
Krishi Anusandhan Bhwan-II
Pusa, New Delhi

Sub: Provisionally Admitted Question in Rajya Sabha unstarred Diary No. 1765 and 536—
reg
Ref: Your email dated 17-July-2025

Sir,

With reference to above subject, kindly find attached herewith the desired information in respect of this Institute for perusal and further necessary action pl.

This is issues with the approval of the Director.

With regards
--sd--

(D. K. Sarolia)
I/c PME Cell

Encl: As above

ICAR-Central Institute for Arid Horticulture, Bikaner

Sub: Provisionally Admitted Questions in Rajya Sabha- unstarred Diary No. 1765

(a) whether Government is implementing any project, that studies the impact of climate change on agriculture including crops, livestock, horticulture and fisheries and if so, the details thereof;

Ans: No as such implementing project at Institute level on impact of climate change on horticulture.

(b) whether Government is aware that climate change can reduce agricultural income by 15-25 percent in the country and it is high time for Climate-Resilient Agriculture (CRA) to be valued and implemented, if so, the details thereof; and

--NA--

(c) the steps taken for enhancing the resilience and adaptive capacity of farmers to climate variability, the details thereof?

--NA--

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Sub: Provisionally Admitted Questions in Rajya Sabha- unstarred Diary No. 536

(a) whether Government acknowledges that climate-resilient agriculture remains largely inaccessible to small and marginal farmers, especially in vulnerable regions, if so, details thereof;

Ans: Climate resilient crops and its varieties very helpful for farmers of western Rajasthan. The Institute has developed hot tolerant variety; viz Thar Shobha-Khejri; AHS 82-Snapmelon, Thar Madhur and Thar Manak-Mateera, Thar Kasturi-Kachri.

(b) the reasons why implementation of NICRA and NMSA has remained limited in drought and flood-prone districts despite repeated climate shocks;

Ans: NA

(c) whether Government has independently evaluated the impact of schemes like "Per Drop More Crop" beyond pilot success stories; and

Ans: Scheme impact- Not attempted.

(d) why timely dissemination of resilient crop varieties and adaptive technologies remains insufficient at the grassroots level despite a decade of policy announcements?

Ans: Vulnerable edapho-climatic conditions” Fragile ecosystem and unpredicted climatic fluctuation. Socio economic limitation.