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Minutes of the 17th Meeting of Mission Operation Greens held on 23.06.2020Minutes of the 17th Meeting of Mission Operation Greens held over Webex
(online meeting portal) at 3.00 pm on 23.06.2020

The meeting was held under the chairmanship of Joint Secretary, FPI to review the status of implementation of the scheme Operation Greens from TOP to TOTAL as a part of Atmanirbhar Bharat Abhiyan. Members of the Mission Operation Greens (MOG), PMA (GT & NABCONS) attended the meeting. The list of participants of the meeting is annexed at **Annexure-I**.

2. At the outset, Chairman welcomed the participants and intimated the purpose of the meeting. Members were informed about new scheme Operation Greens - "TOP to TOTAL" for short-term price stabilization measures as part of Atmanirbhar Bharat Abhiyan. It was informed that the new scheme was approved on 10.06.2020 and that the scheme guideline was notified and uploaded in the website on 11.06.2020. During last MOG meeting held on 12.06.2020, the detailed presentation was made to the members about the scheme guidelines, registration process, application template and methodology adopted for selecting eligible crops, production cluster & trigger price.

The State Government were requested to:

- i. give wide publicity of the scheme so that full advantage of benefits available under the scheme can be availed by various stakeholders;
- ii. advise the State Marketing Federation/Board or similar Agency to make procurement from the small & marginal farmers and take the advantage of the scheme;
- iii. advise the State Horticulture department to provide a list of major fruits & vegetables due for harvest during June to Dec, their harvesting season months, and production & average price information for last three years in the production clusters as per Horticulture Statistics at a Glance 2018 (available on https://mofpi.nic.in/sites/default/files/list_of_states_districts_as_per_horticulture_statistics_at_a_glance-2018.pdf)

Similarly, the respective agencies such as APEDA, SFAC, NCD, State Marketing Federation/Board etc. were requested to facilitate meetings with the concerned stakeholders through video-conferencing, so that Ministry can explain the scheme to them in detail.

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Regarding the list of eligible crops, selected surplus production clusters and trigger price for intervention under extended Operation Greens Scheme, the following points were decided in the last meeting:

- a. For inclusion of clusters in the list, the average price during harvesting period of all three years is required;
- b. For inclusion of any production cluster *as per Horticulture Statistics at a Glance 2018*, the State Govt shall provide the requisite details such as major crops, their harvesting season months, the average price, production (MT) during harvesting period of last three years;
- c. Any other major crop (such as Kiwi, Litchi, Jackfruit etc.) may be recommended by State Govt, by providing their harvesting season months, and production & average price information for last three years in the production clusters as per Horticulture Statistics at a Glance 2018;
- d. The list of eligible crops, selected surplus production clusters and trigger price for intervention may be revised from time to time by the Ministry. The revised list will be placed before next MOG meeting for consideration.

3. It was informed that as on date, 60 numbers of the applicants have registered themselves on the Online Registration portal of the Ministry. List is annexed at **Annexure-II**. Apart from holding two MOG meetings on 12.06.2020 and 15.06.2020 after notification of the scheme, video conference meeting with the food processor/retailers was held on 18.06.2020 to explain them the scheme and request them to get benefits of the Scheme. Video Conferencing with Retailers, Exporters, FPOs, etc. is also being scheduled to explain the details of the Scheme.

4. **Trigger Price required for intervention under the scheme** - It was informed that in the list considered in the last MOG, the production clusters considered by M/s Agri Watch was not matching with the list of production cluster given in the Horticulture at Glance 2018. Accordingly, Agri Watch was requested resubmit the list for all eligible crops. M/s Agri Watch has compiled the 3-year average price information from AGMARK NET Portal for some crops namely Tomato, Onion, Potato, Mango, Guava, Papaya, Pineapple, Sapota, Pomegranate and Mousambi for the production clusters mentioned in the Report - the Horticulture at Glance 2018, and the same was sent to all State Govt. with a request to provide last 3 year average price information for peak harvesting period of the indicated crops against their production cluster as per the list. While reviewing the list, it was found that the production clusters shared by Agriwatch is not matching with the list of production cluster given in the Horticulture at Glance 2018. Accordingly, Agriwatch was

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requested to compile the list of production cluster for the eligible crops, as per the list of production cluster given in the Horticulture at Glance 2018.

M/s Agri Watch informed that the following assumption and methodology was used by them to calculate the average price of the crop:-

- i. The source of price data is only Agmarknet. No other source is used.
- ii. Districts for the crops are taken from Chapter 7.5 of Horticulture Statistics at a Glance 2018.
- iii. Average prices are computed from the Modal prices. Min and Max prices are not used in calculations.
- iv. The average prices have been calculated for assumed peak harvest months. Different states have different peak harvesting months, which we have taken as per the tables in the **Annexure-III**. The peak harvesting months were taken from reliable online sources such as NHB, etc. However, since individual states are in best position to know the peak harvesting months of each commodity in their state, it is requested that the States confirm the validity of the assumed peak harvest months and inform us if any changes are required.
- v. Since there are gaps in Agmarknet price and arrival data, only those districts have been considered in the calculation where 50% of the price data for the peak harvesting months window (as per Annexure) are available. For the rest of the districts, average prices are reported as "NR", i.e. "Not reported".
- vi. In some states such as Bihar, no Agmarknet data is available, so average prices could not be calculated.

Methodology of Computation:

- i. Top 10 producing states for each crop were identified from Horticulture Statistics at a Glance 2018. (HSAAG-2018)
- ii. Data for the above states price & arrival data for each commodity were downloaded from Agmarknet for the months of June to December for 2017, 2018 and 2019 respectively. The data for the above states were downloaded if they accounted for at least 1-2% of national production as given in HSAAG-2018 for the latest year available.
- iii. The data was uploaded to an online database and the mandis were mapped to the districts (since the bulk data download from Agmarknet does not contain district information with the price and arrival records)
- iv. The price data was also linked to the producing states and districts from HSAAG-2018 (Chapter 7.3 and 7.5 respectively) in the database.

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- v. The peak harvesting months for each commodity and each state were identified from reliable online websites such as NHB, etc. (This is mentioned in the Annexure. It also needs to be confirmed by respective States or NHB).
- vi. A dynamic query was built to compute the weighted average modal price for:
 - a. each commodity,
 - b. each district
 - c. for the peak harvesting months (of the state as given in Annexure)
 - d. for 2017, 2018 and 2019.
- vii. Weighted average was calculated using arrivals as “weight”.
- viii. Weighted average modal price was calculated for all the varieties of each crop. Weighted average modal price was not calculated variety-wise (though it can be quickly done if required).
- ix. Since Agmarknet data reports prices by each variety, but arrivals are reported for all varieties put together, each variety was given the same weight of arrivals as reported in Agmarknet. That is, if a district has variety A and variety B, and the price of variety A is “x1” in Market 1 and “x2” in Market 2 and the price of variety B is “y1” in Market 1 and “y2” in Market 2, and the total arrivals (of variety A and B combined) is “z1” in Market 1 and “z2” in Market 2, we calculated the weighted average price for the district as:

$$\text{Weighted Avg Price} = \{ (x1*z1 + y1* z1) + (x2*z2 + y2*z2) \} / (2z1 + 2z2)$$
- x. In other words, we did not attempt to subdivide or apportion the arrivals across varieties (since we have no basis on which to do so). We just took the same weight for each variety.
- xi. Weighted average modal price was computed only if data for at least 50% of the days in the harvesting time window was available. If not, it was reported as “NR” (i.e. not reported).

Copy of presentation made by the Agri-Watch is annexed at **Annexure - IV**.

Regarding calculation of Trigger price, it was informed that for intervention under the scheme, the prevailing price in the notified production clusters should be either less the preceding 3 year's average market price at the time of harvest or price fall more than 15% compared to last year market price at the time of harvest, or price fall less than the benchmark price for procurement, if any, fixed by the State/Central Government for a specified period. To calculate trigger price, the maximum of the above three criteria is considered. Accordingly, to arrive at conclusion that there is stress in price, the prevailing price at which the applicant purchase from farmers in

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the relevant cluster should not be more than the trigger price. However, in the broader line case, the prevalence of actual APMC/Mandi price on the date of procurement by the farmer in the respective cluster will be confirmed from concerned State Government before processing of the claim

Based on the above, the List of eligible crops, their production clusters and trigger price for intervention is annexed at **Annexure-V**.

State Governments were request to provide the requisite information for calculating the trigger price.

5. **Online Application Form** - It was informed that as per scheme guidelines, applicant should register on the portal before carrying out transportation/storage of fruits and vegetables. After registration and complying with the essential criteria, applicant may undertake the procurement/transportation /storage, activities for eligible crops from notified surplus production cluster, thereafter submit their claim on online portal <https://www.sampada-mofpi.gov.in/Login.aspx>.

While Registration page was made LIVE on the date of notification of the scheme by the Ministry, the Online Application Form has been designed and tested for making it LIVE. Deficiencies observed during testing were communicated to the NIC, which is being corrected by the Logisoft team.

NIC made presentation on the revised online Application Form and informed that some corrections are still underway.

It was noted with concern that the work on Portal is still pending. NIC was requested to deploy adequate number of competent manpower to complete the work immediately.

6 **Scrutiny and settlement of claims** - It was informed that application for claim will be evaluated by the existing PMAs under Operation Greens Scheme. Their recommendation will be considered in the Mission Operation Greens meeting, which will be held regularly on weekly basis (every Monday, in case of holiday, next working day) at 03:00 PM. After approval by Mission Operation Greens, the claim will be processed for release of subsidy by the division. Both PMAs explained the methodology for scrutiny of the application.

It was informed the NIC is working on the Template for PMA's observation and recommendation. For each and every application, this PMA template will be put before the weekly MOG meeting for consideration and approval.

Inputs received during meeting:

Representative of Govt of Karnataka enquired if FPO has to submit the application for claim through State Marketing Federation. It was clarified that if they satisfy the essential criteria, they can themselves register and submit the online application directly to the Ministry. Regarding price information, it was informed that they are collecting the requisite price and production data in respect of major production clusters from their State and will submit to the Ministry shortly.

Representative of Uttar Pradesh informed that this year the price of most of F&V (e.g., Mango) are more than previous years. Regarding missing price information, he informed that they are collecting the requisite price and production data in respect of major production clusters from their State and will submit to the Ministry shortly.

Representative of Govt of Assam informed that they have scheduled meeting with FPO/FPCs tomorrow for discussion regarding the scheme. It was also informed that they are collecting the requisite price and production data in respect of major production clusters from their State and will submit to the Ministry shortly. He suggested inclusion of few new crops such as Ginger, Turmeric etc., to which he was advised to submit the request along with detailed justification and price and production data for each major surplus production clusters for the last three years.

Representative of Govt of Rajasthan informed that they are collecting the requisite price and production data in respect of major production clusters from their State and will submit to the Ministry shortly. He suggested inclusion of few new clusters (e.g. Alwar for Onion - Kharif crops) and new crops (e.g., Carrot, Guava), to which he was advised to submit the request along with detailed justification and price and production data for each major surplus production clusters for the last three years.

Representative of Govt of Goa informed that their State being primarily deficient market are bring the F&V from the neighboring States. He was requested to advise their state level marketing agency, if any engaged in transportation and/or storage of F&V, major retailers to register under the scheme.

Representative of Govt of Odisha informed that they are collecting the requisite price and production data in respect of major production clusters from their State and will submit to the Ministry shortly. He suggested inclusion of few new crops (e.g. Pumpkin), to which he was advised to submit the request along with detailed justification and price and production data for each major surplus production clusters for the last three years

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Representative of Govt of Gujarat informed that they are collecting the information from the concerned agency and will submit to the Ministry shortly.

Representative of Govt of Jharkhand informed that though there are several F&V grown in their State, no clusters from Jharkhand has been notified in the Horticulture at Glace 2018. He suggested inclusion of few some crops (e.g. Cauliflower, Cabbage, French beans, Okra, Bitter Gourd) and their production clusters from Jharkhand, to which he was advised to submit the request along with detailed justification and price and production data for each major surplus production clusters for the last three years

Representative of Nagaland requested for addition of new crops (e.g., Kiwi, Orange, and Banana) and clusters from their State, to which she was advised to submit the request along with detailed justification and price and production data for each major surplus production clusters for the last three years. She also sought assistance for setting -up of farm gate infrastructure such as cold storage, primary processing, to which she was advised to refer to the different scheme guidelines available on the Ministry's website.

Representative of West Bengal informed that they are collecting the information from the concerned agency and will submit to the Ministry shortly.

Representative of Govt of Maharashtra informed that they are collecting the information from the concerned agency and will submit to the Ministry shortly.

Representative of Govt of Puducherry south inclusion of some clusters from their UT, to which he was advised submit the request along with detailed justification and price and production data for the last three years.

Representative of Govt of Madhya Pradesh assured to provide the requisite price information in respect of the identified clusters shortly.

Representative of Govt of Tripura requested for addition of few additional clusters for Pineapples in their State and inclusion of Cashew and Reddish as eligible crops under the Scheme. He was advised to submit the request along with detailed justification and price and production data for each major surplus production clusters for the last three years.

Representative of NABARD informed that they have sent their feedback in response to the minutes of 16th MOG meeting.

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Representative of NAFED reiterated that minimum quantity and distance criteria should be removed and the Cherry crop from J&K should be included in the list of eligible crops. It was informed that Ministry has already requested Govt of J&K to provide the requisite information for inclusion.

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List of the Members attended Mission Operation Greens Meeting held under the Chairmanship of Joint Secretary, MoFPI on 23.06.2020 at 03:00 PM over Cisco Webex Meeting (online portal)

Ministry of Food Processing Industries

S.No	Name of the Officer	Email	Office no.
1	Shri Minhaj Alam, (Joint Secretary)	minhaj@ias.nic.in	26499433
2	Shri Atya Nand (Deputy Secretary)	atyanand@nic.in	26497635
3	Shri Shyam Sundar Agrawal, (Deputy Director)	Ssagrawal.icoas@nic.in	26406545
4	Shri Shiv Shankar Sharma	shivshankersharma@gmail.com	26406557
5	Shri Sanjay Chandra, (NIC Team)	sanjaylsipl@gmail.com	26406557
6	Shri Dalveer Singh, (Assistant Section Officer)	Dalveer.maam@gov.in	26406545

Members

S. No.	Name of the Officer	Office/Contact/Email
1	Sh. S K Kaul	NAFED
2	Dr. P B Jamatia,, Director	Department of Horticulture & Soil Conservation, Tripura
3	Sh. J. Roy Sharma, Deputy Director	Department of Agriculture (T&PC),WB
4	Sh. Mahesh Chandra, Dy. Director	Department of Horticulture, Rajasthan
5	Joint Director	Department of Horticulture, Karnataka
6	Sh. Anil Patel, Joint Director	Director of Horticulture, Gujarat
7	Deputy Secretary	Department of Trade commerce & Industry Manipur
8	Sh. T. Eluba	Department of Horticulture, Nagaland
9	Sh. Pushkar Siingh Commissioner	Department of Horticulture and Food Processing, MP
10	Director	Agriculture Department, Pondicherry
11	Miss Ribhahun Khonglah	Directorate of Food Processing, Meghalaya
12	Sh. Pawan avasthy	Govt. Fruit Preservation Factory, SIMFED
13	Dr. PM Vaghasiya	Director Horticulture, Gujarat

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14	Mr. Manoj Kumar Dwivedi, Commissioner	Department Of Industry & Commerce, J & K
15	Dr. R.K.Tomar Director	Department of Horticulture and Food Processing UP
16	Sh. Rajneesh Sharma, G.M.	HAFED
17	Sh. Kuldeep Singh Gangar, Secretary	Directorate of Agriculture, Goa
18	Sh. Rohit Kumar Lenka,	Directorate Of Horticulture Odisha
19	INDUSTRIES & COMMERCE (NAGALAND)	Nagaland
20	Smt. Deepika Khatri, D.Director	Industry, Himachal Pradesh
21	Sh. Ajaz Ahmad Bhat, Director	Directorate of Horticulture, Kashmir
22	Sh. Pushkar Singh, Commissioner Horticulture	Department of Horticulture & Food Processing, Madhya Pradesh
23	Dr. PK Mahanta, Director	Department of Agriculture and Horticulture, Assam
24	MIDH Section	Horticulture Department, Telangana
25	Mr. B.S.Patel, Director	Horticulture Department, Gujarat
26	Sh. Bhaskar Natarajan, Manager	AgriWatch
27	Sh. Padam Subba (Pr.Director)	Horticulture Department, Sikkim
28	Smt. Bonani Roy choudhury, DGM	NABARD
29	Joint Director	Horticulture Department, Chhattisgarh
30	Sh. Vijay Kumar State Mission Director	Directorate of Horticulture, Jharkhand

PMA

S. No.	Name of the PMA	Company
1	Mr. Karan Sharma	Grant Thornton
2	Mr. Ankush Soni	
3	Mr. Yashwant Singh	
4	Ms Deepti	
5	Mr. K Inkarsal	NABCONS
6	Ms Shilpa Deshpande	
7	Mr. Bhoopendra Singh	

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Annexure-I - List of participants of the meeting

Annexure-II - List of applicants registered on the Portal for the scheme

Annexure-III - Peak Harvesting months for different crops in different States;

Annexure - IV - Copy of presentation made by the Agri-Watch

Annexure-V - List of eligible crops, their production clusters and trigger price for intervention