

MANGO  
MISSION  
2030

Center of Agricultural  
Sustainability for South Punjab  
(CAS-SP)



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# 4<sup>TH</sup> WEBINAR ON MANGO UNDER COVID19 PANDEMIC

May 31, 2020

POLICY  
NOTE. 4

The Vice Chancellor started the meeting reciting few verses from the Holy Quran and welcoming the participants. He urged that the problems related to mango industry will be highlighted with clarity at every forum and mango agenda will be extended through these policy notes to a Mango Vision/Mission. He explained that the purpose of the meetings was to provide a platform to resolve the various issues faced by the mango industry stakeholders under the prevailing conditions of COVID-19 pandemic related to mango production and postharvest handling. These include developing SOPs for mango labour involved in picking to packing and logistics, export and domestic marketing, postharvest processing and value addition. Mango growers, processors, exporters, researchers, extension workers and academia from Punjab and Sindh participated in the webinar.

**3<sup>rd</sup> May 2020 at 11:30 am online zoom cloud hosted by MNS-UAM**

# LOCUST INFESTATION UPDATE

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NOTE. 4

**Ch. Shahzad Sabir**, Director, Agri. Extension, Multan updated the participants about the damage caused by locust in Multan division and joint locust combat campaign of Agriculture department, PDMA and NDMA. He briefed that the latest migration of locust swarm was noted on May 17, 2020 via the route of Muzaffar Garh, Layyah and Bhakkar to Kabirwala in Khanewal district, the swarm length was about 20-25 Km and it affected field crops and fruit orchards including cotton, fodder crops, maize and mango orchards. He further elaborated that Agriculture department is actively involved to take possible control measures including aerial sprays to combat locust attack. He further added that only combined efforts of farmers and Govt. officials can effectively control the locust attack, the farmer should follow department advisory and locust migration forecast.

# LOCUST CONTROL: EFFICACY OF ALTERNATIVE PESTICIDES

**Prof. Dr. Shafqat Saeed**, Dean, Faculty of Agriculture and Environmental Sciences, MNS-UAM presented a comprehensive strategy to control locust adults and nymphs through insecticides and microbial agents. He shared the results of 6 types of insecticidal screening study and found that 'Chlorfenapyr' at 125 ml to 700 ml per 100 liters of water gave the best control both for locust nymphs and adults within 24 hours. Further, he revealed that insect growth regulator (IGR) do not kill the locust instantly, however after 72- and 168-hour of application, IGR 'Pyriproxifen' gave the promising control of nymphs of locust. He further discussed the research finding of locust microbial control study and observed 100% mortality of locust nymphs with microbial treatment of various bacterial strains. He disclosed that an international webinar on locust invasion will be organized on June 1, 2020 at 4 pm and requested the participants to participate in the webinar.

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## MANGO EXPORT UNDER COVID-19 PANDEMIC

**Mr. Ali Khuzaima Khan**, mango exporter shared some tips to boost mango export under COVID19 pandemic. He briefed the participants that under COVID 19 pandemic, this year the mango export will decline, however, this can be compensated through mango export through road and sea to Iran and Afghanistan. The Chinese market can be targeted for mango export

**Syed Mehmood Shah**, Mango exporter from Sindh pointed that in Chinese market we will face competitions from Taiwan's mango and rates of mango can vary depending on the cosmetic quality of produce. Further, we should also target our local markets as well through online marketing. Rana Asif Hayat Tipu, mango consultant reviewed the online mango marketing system. He was of the view that for online marketing we should brand mango as 'Uni-Fresh Mango' for mango sale leverage. Further, he suggested to go for mango value addition options as mango pulp and dry mango.

**Ms Rabia Sultan** suggested to make a working paper consisting of high-end mango export markets, variety wise lucrative markets for mango and market wise SPS measure

## FOLLOW UP PLAN

1. Dr. Hameel Ullah, Director, MRI will update the forum on susceptibility of different mango varieties in next meeting
2. A working paper will be made in wake of preparation of Mango Vision 2030. Dr. Mobashir Mehdi will lead the preparation of working group
3. Formation of working group for establishment of Pakistan Mango Industrial Forum. Dr, Aman Ullah Malik will present his work to the group for further refinement.
4. Need to explore mango value addition options under prevailing pandemic especially in the context of domestic markets.
5. It was also decided to prepare a comprehensive plan for a farmer compensation package and locust combat plans. The already prepared policy note will also be shared with the participants to have their candid input.
6. Rana Asif Hayat will prepare SoPs for “Uni fresh Mango” and share it with University for further formal processing. University will provide all possible promotional facilities for this purpose.

## List of Participants:

1. Prof. Dr. Asif Ali, VC, MNS-University. of Agri. Multan
2. Madam Rabia Sultan, Mango Grower, M. Garh
3. Ch. Shahzad Sabir, Director, Agriculture Extension, Multan
4. Malik Zafar Mahay, Mango Grower, Multan President MMGA
5. Ghazanfar Khan, Mango Grower, Mian Channu
6. Syed Mahmood Nawaz Shah, VP, Sindh Abadgar Board & Director PHDEC
7. Kashif Naveed, Mango Grower, Kabirwala
8. Mr. Ghazanfar Khan, mango Grower, Mian Channu
9. M. Waqas Zafar Bucha, Mango Grower Multan
10. Mr. Jamil Ghouri, Extension Dept. Multan
11. Dr Zulfiqar Yousafani, Mango Grower, Sindh Abadkar Board
12. Prof. Dr. Shafqat Saeed, Dean FA&ES, MNSUAM
13. Dr. Waqar Ahmad, Director-Agri Technologies USAID
14. Mr. Zafaryab Haider, Consultant Horticulturist
15. Dr. Irfan Baig Dean, FoSS&H, MNSUAM
16. Dr. Kashif Razzaq, MNS-University. of Agri. Multan
17. Dr. Sami Ullah, MNS-University. of Agri. Multan
18. Mr. Javed Iqbal, MRI Multan
19. Rana Asif Hayat Tipu, Mango consultant, Multan
20. Ghulam Ishaq, USAID-PEEP
21. Ali Imran Chudhary, USAID-PEEP
22. Ali Khuzaima Khan, Mango Growers and Exporter
23. Dr Abid Hussain, Assistant Professor, MNS-UAM