Subject: Advisory on Safe Farming operations (Procurement and Marketing) in wake of COVID-19 pandemic.

Corona virus Disease 2019 (COVID-19) is a systemic disease caused by a novel Corona virus (SARS-CoV-2), transmitted in most instances through respiratory droplets, direct contact with cases and also through contaminated surfaces/objects. Though the virus survives on environmental surfaces for a varied period of time, it gets easily inactivated by chemical disinfectants. Thus, correct and timely information and knowledge about the corona virus is the key to control the pandemic.

The Government of Punjab has imposed severe restrictions on free movement of people and machinery to control the spread of the Corona virus but crops being perishable and essential commodity and getting ripened/matured in the meanwhile, the State has allowed various relaxations for farming operations ranging from harvesting to marketing. It is, therefore essential to ensure a meticulous compliance of various guidelines issued by the Government to control the spread of the corona virus.

The summarized and consolidated guidelines for the various stakeholders involved in the operations- Farmers, Combine operators, Labour, Arhtiyas/Shopkeepers, Transporters, Staff of the Market Committees/ State Procurement Agencies (SPAs)/ District Administration are hereby issued as follows:
A. FARMERS:

i. Farmers should prefer mechanized operations over the manual, wherever feasible. Only the essential numbers of persons should be allowed to accompany the machine.

ii. All machines should be sanitized at the entry point and at regular intervals.

iii. All the persons engaged in the operations should use cloth masks at all the times and ensure hand washing with soap at reasonable intervals.

iv. The masks shall be worn in a manner that it snuggly covers the nose as well as the mouth.

v. The cloth mask should be properly washed with soap/detergent and water immediately after use.

vi. Farmers should always maintain and ensure that social distancing of at least 1 metre is maintained by all the engaged labour during rest, taking of meals, transfer of produce at collection point, loading/unloading etc.

vii. In case of manual field operations of harvesting/ picking, the farmer should accomplish the operation in 4-5 feet spaced strips assigning one strip to one person so as to ensure an adequate spacing between the engaged labours.

viii. Stagger the field operations wherever possible and avoid engaging more number of persons on the same day.

ix. Engage only familiar persons to the extent possible and after reasonable enquiry as to avoid the entry of any suspect or likely carrier of COVID-19 during field activity.

x. The collection of the produce should be done in small heaps spaced at 3-4 feet and field level cleaning/processing, should be assigned to 1-2 persons/heap to avoid crowding.

xi. All transport vehicles, gunny bags or other packaging material should also be sanitized.
xii. All persons engaged in operations should wash the hands with soap for at least 40 seconds by applying the soap gently on the palm and back of the hand including web spaces between the fingers and space as well as between the finger and the thumb and the wrist immediately before the start and after the end of operations. A two-hourly hand wash during the operations is recommended.

xiii. In case a Sanitizer is being used, use a minimum of 3ml of the sanitizer (approximately 2 pushes of sanitizer dispenser) on DRY HANDS for at least 30 seconds for good hygienic hand disinfection.

xiv. Sanitize or wash the hands with soap and water even if the hands appear to be apparently clean.

xv. Do not indulge in gossip/rumours with regard to COVID-19 without verifying the facts while carrying the operations. All are encouraged to download “COVA APP” developed by the Government of Punjab for the correct, timely and authentic information.

xvi. In case someone is diagnosed as COVID-19 with whom one had a contact during operations or otherwise, there is no need to panic. One should report to the Helpline No. 104/State Control Room No. 01722920074 / 08872090029, detailing the exact nature of exposure.

xvii. Farmer while transacting a paper/cash with labour/combine operator etc. should immediately sanitize his hands before as well as often any such transactions. He should also encourage the other person to sanitize his/her hands before and often during the transactions. The farmer is advised to use online transactions wherever possible.

B. COMBINE OPERATORS:

i. The combine operator and his workers should always bear in mind that the appropriate social distancing and not the time is the key factor during the pandemic in determining his income.

ii. The transporter and his workers shall be advised not to indulge in any handshakes or hugs to greet/see-off each other.

iii. The operator and his workers should be advised to wear cloth mask at all times immediately from leaving the house till the entry back into the house/place of stay.
iv. The masks shall be worn in a manner that it snugly covers the nose as well as the mouth.

v. The cloth mask should be properly washed with soap/detergent and water immediately after use.

vi. All should always maintain and ensure that social distancing of at least 1 meter is maintained while interacting with the farmer/engaged labour during operations, rest, taking of meals, transfer of produce at collection point, loading/unloading.

vii. All persons engaged in operations should wash the hands with soap for at least 40 seconds by applying the soap gently on the palm and back of the hand including web spaces between the fingers and space as well as between the finger and the thumb and the wrist immediately before the start and after the end of operations. A two-hourly hand wash during the operations is recommended.

viii. In case a Sanitizer is being used, use a minimum of 3ml of the sanitizer (approximately 2 pushes of sanitizer dispenser) on DRY HANDS for at least 30 seconds for good hygienic hand disinfection.

ix. Sanitize or wash the hands even if the hands appear to be apparently clean.

x. Do not indulge in gossip/rumours with regard to COVID-19 without verifying the facts while carrying the operations. All are encouraged to download “COVA APP” developed by the Government of Punjab for the correct, timely and authentic information.

xi. In case someone is diagnosed as COVID-19 with whom one had a contact during operations or otherwise, there is no need to panic. One should report to the Helpline No. 104/State Control Room No. 01722920074 / 08872090029, detailing the exact nature of exposure.

xii. The operator should avoid eating inside the vehicle.

xiii. The operator should always keep an alcohol-based sanitizer inside the vehicle and frequently use the same as prescribed during the journey also.

xiv. The operator while mounting/dismounting the vehicle should use disposable gloves and should immediately wash the hands after the completion of the mounting/dismounting exercise.

xv. The operator should ensure a minimum distance of 1 metre amongst himself and his workers, if any, while driving the goods vehicle.
xvi. The operator should avoid the unnecessary halts and contacts during the journey.

xvii. The operator while transacting a paper/cash should immediately sanitize his hands before as well as often any such transactions. He should also encourage the other person to sanitize his/her hands before and often during the transactions. The operator is advised to use online transactions wherever possible.

xviii. **Disinfection of the Combine**

**a) Indoor Areas:** Indoor areas including the inside of the combine, seats, gears etc. should be cleaned every evening and early in the morning before the combine is occupied. Prior to cleaning, the worker should wear disposable rubber boots, gloves (heavy duty), and a cloth mask.

The combine should be cleaned from outside on daily basis with soap/detergent and water or Sodium Hypochlorite (1%) before entering the same.

- High contact surfaces such as door handles, steering wheel, window knobs, gears, and other buttons should be cleaned twice daily by mopping with a linen/absorbable cloth soaked in 1% sodium hypochlorite.
- Carefully clean the equipment used in cleaning at the end of the cleaning process.

xix. The Combines entering the State from other States shall be compulsorily cleaned/ sanitized at the entry barriers as per the procedure prescribed.

C. MARKET COMMITTEES/SPAs: The Market Committee/SPA shall ensure:

i. **Maintenance and Sanitization of Office Spaces:** The meticulous compliance of the detailed guidelines issued vide no. 2976 (R) - 2983 (R) dated 20/04/2020 in this regard should be ensured. (Copy attached at Annexure-1)

ii. **At the Mandis/ Storage facility:**

(a) Availability of hand washing stations (with soap and water) at sufficient locations needs to be ensured after assessment of its daily footfall.
(b) Announcements at regular intervals/ display of banners to instil the practice of hand washing.

(c) Availability of adequate clean drinking water.

(d) Removal from the common areas any unnecessary touch points like tables/clothes/covers etc

(e) All shall be advised not to indulge in any handshakes or hugs to greet/see-off each other.

(f) All, including Arhtiyas/ Farmers/ Labour/ Staff etc. should wear cloth mask at all times immediately before entering the mandi till their returns to house.

(g) The masks shall be worn in a manner that it snuggly covers the nose as well as the mouth.

(h) The cloth mask should be properly washed with soap/detergent and water immediately after use.

(i) All the farmers/workers/labour/staff should avoid going into the communities during the free time.

(j) All stakeholders must always maintain and ensure the social distancing of at least 1 meter while interacting with the farmer/engaged labour during operations, rest, taking of meals, transfer of produce at collection point, loading/unloading etc.

(k) Signage of physical distancing should be placed at various locations all throughout the mandi area.

(l) All persons engaged in operations should wash the hands with soap for at least 40 seconds by applying the soap gently on the palm and back of the hand including web spaces between the fingers and space as well as between the finger and the thumb and the wrist immediately before the start and after the end of operations. A two-hourly handwash during the operations is recommended.

(m) In case a Sanitizer is being used, use a minimum of 3ml of the sanitizer (approximately 2 pushes of sanitizer dispenser) on DRY HANDS for at least 30 seconds for good hygienic hand disinfection.

(n) All should be encouraged to sanitize the hands even if the hands appear to be apparently clean.
(o) If possible, thermal scanners should be installed at all the entry points in the mandis so as to check the temperature of all the people entering the premises.

(p) No-one should indulge in gossip/rumours with regard to COVID-19 without verifying the facts while carrying the operations. All are encouraged to download “COVA APP” developed by the Government of Punjab for the correct, timely and authentic information.

(q) In case someone develops Coughing/sneezing/fever/difficulty in breathing/or is diagnosed as COVID-19 with whom one had a contact during operations or otherwise, there is no need to panic. One should report to the Helpline No. 104/ State Control Room No. 01722920074 / 08872090029, detailing the exact nature of exposure.

D. Mandi Board Licensees (Arthiyas, Tolas, Direct Purchaser etc) : During the procurement, the Licensees (as the case may be) shall ensure:

i. At their shop/premises:

a) Availability of hand washing stations (with soap and water) or Alcohol-based sanitizer (minimum 70% ethyl alcohol v/v) are mounted or kept for themselves and their workers to sanitize their hands before entering the shop/initiation of work and at the end of days work, apart from using them in between. The sanitizers are to be refilled / replaced frequently.

b) Use a minimum of 3 ml of the sanitizer (approximately 2 pushes of sanitizer dispenser) on DRY HANDS for at least 30 seconds for good hygienic hand disinfection.

c) Encourage their workers and also themselves to sanitize the hands even if the hands appear to be apparently clean.
d) Wash the hands with soap for at least 40 seconds applying the soap gently on the palm and back of the hand including web spaces between the fingers and space between the finger and the thumb and the wrist wherever and whenever the opportunity to wash the hands is available. However, a two-hourly hand wash is recommended.

e) Arhtiyas should not indulge in any handshakes or hugs to greet/see-off each other. Similarly, their labour should not indulge in any such practice.

f) All should wear cloth mask at all times immediately before entering the mandi to till their returns to house.

g) The masks shall be worn in a manner that it snugly covers the nose as well as the mouth.

h) The cloth mask should be properly washed with soap/detergent and water immediately after use.

i) That all stakeholders always maintain and ensure the social distancing of at least 1 meter is maintained while interacting with the farmer/engaged labour during operations, rest, taking of meals, transfer of produce at collection point, loading/unloading.

j) No-one should indulge in gossip/rumours with regard to COVID-19 without verifying the facts while carrying the operations. All are encouraged to download “COVA APP” developed by the Government of Punjab for the correct, timely and authentic information.

k) In case someone develops Coughing/sneezing/Fever/ difficulty in breathing/or is diagnosed as COVID-19 with whom one had a contact during operations or otherwise, there is no need to panic. One should report to the Helpline No. 104/ State Control Room No. 01722920074 / 08872090029, detailing the exact nature of exposure.
l) Arhtiya should ensure the regular cleaning of the toilet, if any, at his shop/premises or if provided to its labour by his sanitary workers who use a separate set of cleaning equipment for toilets (mops, nylon scrubber). The workers should always wear disposable protective gloves while cleaning a toilet.

m) Arhtiya should ensure that the sleeping area/place for his labour is well ventilated and of adequate area so that the requirement of social distancing of at least 1 metre is met. The Licensee will ensure that such place is regularly cleaned and disinfected with soap/detergent and water.

Secretary Health &
Mission Director, NHM, Punjab

Dated, Chandigarh the 22nd April, 2020

1. A copy is forwarded to OSD to Chief Secretary, Punjab for the kind information of Worthy Chief Secretary please.
2. A copy is forwarded to PS to PSHFW, Punjab for the kind information of Principal Secretary, Health & Family Welfare.

Secretary Health &
Mission Director, NHM, Punjab

Dated, Chandigarh the 22nd April, 2020

Copy forwarded to :

1. All Civil Surgeons, Punjab for information & necessary action.
Annexure-1

Government of Punjab
Department of Health & Family Welfare
(NHM, Punjab)

No.2976(R)-2983(R) Dated, Chandigarh the 20th April, 2020

To

1. All the Special Chief Secretary/ Additional Chief Secretary/ Financial Commissioners/ Principal Secretaries/ Administrative Secretaries to the Govt. of Punjab.
2. All the Head of the Department of the Govt. of Punjab.
3. All the Commissioners of the Divisions.
4. All the Commissioners of Police.
5. All the Deputy Commissioners/ District and Session Judges of the State
6. Registrar General, Punjab and Haryana High Court
7. All Senior Superintendents of Police
8. The Secretary, Punjab Vidhan Sabha.

Subject: Advisory on maintaining the hygiene and sanitization of office spaces and the staff working therein during the COVID-19 pandemic.

Madam/Sir

Coronavirus Disease 2019 (COVID-19) is a systemic disease caused by a novel Coronavirus (SARS-CoV-2), transmitted in most instances through respiratory droplets, direct contact with cases and also through contaminated surfaces/objects. Though the virus survives on environmental surfaces for a varied period of time, it gets easily inactivated by chemical disinfectants. Thus, correct and timely information and knowledge about the coronavirus is the key to control the pandemic.

General Recommendations/guidelines:

1. The employer shall preferably encourage work from home and only such staff that, for essential reasons, is required to attend the office in person shall only be called to attend the office. The comprehensive plan with regard to such staff who has been specifically called be drawn up which shall include the sitting arrangement by keeping a minimum distance of 1 metre amongst the employees, flexible timings of reporting for duty, flexible timing of leaving the office, flexible timings of lunch and tea breaks in between with an objective to avoid clustering and cluttering of the staff.
2. The staff shall be advised not to indulge in any handshakes or hugs to greet/see-off each other.

3. The staff shall further be advised not to roam unnecessarily in the office and to work from their allotted space only. Use of intercoms/electronic media for interpersonal communication of the staff be encouraged.

4. Staff should be advised to wear cloth masks at all times immediately from leaving the house till the entry back into the house.

5. The masks shall be worn in a manner that it snugly covers the nose as well as the mouth.

6. The cloth mask should be washed with soap and water daily after use.

7. Installation of thermal scanners at the entry gate of the office space is advisable to screen the staff suffering from high fever. The normal human body temperature is 97.7 to 99.5-degree Fahrenheit or 36.5 to 37.5-degree centigrades.

8. The employer should encourage the staff to stay at home in case of any fever or other symptoms related to the COVID-19 and seek medical advice.

9. Staff detected with high fever in the office premises does not mandatorily mean that he/she is suffering from COVID-19. It is advised to get the staff suffering from high fever medically examined by the employer only by temporarily isolating him/her from the rest of the office space before drawing any conclusion/inferences and before sending him/her back to home.

10. Alcohol-based sanitizer (minimum 70% ethyl alcohol v/v) be mounted at the entrance wall of the office for the staff to sanitize their hands before entering the premises further. The sanitizers are to be refilled/replaced frequently. Use a minimum of 3ml of the sanitizer (approximately 2 pushes of sanitizer dispenser) on DRY HANDS for at least 30 seconds for good hygienic hand disinfection.

11. Sanitize the hands even if the hands appear to be apparently clean.

12. Wash the hands with soap for at least 40 seconds by applying the soap gently on the palm and back of the hand including web spaces between the fingers and space as well as between the finger and the thumb and the wrist wherever and whenever the opportunity to wash the hands is available. However, a two-hourly hand wash is recommended.

13. The hands should be either sanitized or washed with soap and water whichever is feasible and available.
14. In case of multi-storied offices where the elevators (commonly called lifts) are to be used, sanitizers shall be mounted near the entry door of the elevator at each and every floor. The staff may be advised to apply the sanitizer on the hands immediately after pressing the elevator’s button before touching any other surface/body part. In case of self-driven lifts, the sanitizer should also be made available inside the lifts for the usage of the staff immediately after pressing the button.

15. In case the sanitizers may not be available in sufficient quantity, the sanitizers may be mounted inside the lifts ALONE for usage by the staff immediately after pressing the buttons in the manner as prescribed in point 10.

16. Disinfection of the office spaces
   
   a. **Indoor Areas:** Indoor areas including office spaces and conference rooms should be cleaned every evening after office hours or early in the morning before the rooms are occupied. If the contact surface is visibly dirty, it should be cleaned with soap and water prior to disinfection. Prior to cleaning, the cleaner should wear disposable rubber boots, gloves (heavy duty), and a cloth mask.
   - Start cleaning from cleaner areas and proceed towards dirtier areas.
   - All indoor areas such as entrance lobbies, corridors and staircases, escalators, elevators, security guard booths, office rooms, meeting rooms, cafeteria should be mopped with a disinfectant with 1% sodium hypochlorite or equivalent disinfectants commercially available in the market.
   - High contact surfaces such as elevator buttons, handrails / handles and call buttons, escalator handrails, public counters, intercom systems, equipment like telephone, printers/scanners, and other office machines should be cleaned twice daily by mopping with a linen/absorbable cloth soaked in 1% sodium hypochlorite. Frequently touched areas like table tops, chair handles, pens, diary files, keyboards, mouse, mouse pad, tea/coffee dispensing machines etc. should specially be cleaned.
   - For metallic surfaces like door handles, security locks, keys etc. 70% alcohol can be used to wipe down surfaces where the use of bleach is not suitable.
   - Hand sanitizing stations should be installed in office premises and near high contact surfaces.
• In a meeting/conference/office room, if someone is coughing, without following respiratory etiquettes or mask, the areas around his/her seat should be vacated and cleaned with 1% sodium hypochlorite.

• Carefully clean the equipment used in cleaning at the end of the cleaning process.

• Protective gear used during sanitation process should be discarded as per the requirements.

In addition, all employees should consider cleaning the work area in front of them with a disinfecting wipe prior to use and sit one seat further away from others and if possible 2 seats.

b. **Outdoor areas**: Outdoor Areas have less risk than indoor areas due to air currents and exposure to sunlight. These include bus stops, railway platforms, parks, roads, etc. Cleaning and disinfection efforts should be targeted to frequently touched/contaminated surfaces as already detailed above.

c. **Office/Public toilets**: Sanitary workers must use separate set of cleaning equipment for toilets (mops, nylon scrubber) and separate set for sink and commode. They should always wear disposable protective gloves while cleaning a toilet. All the areas of the toilet such as the sinks, commode, taps etc. should be thoroughly cleaned/scrubbed using soap and water and then wiped with 1% sodium hypochlorite solution or equivalent commercial disinfectants available in the market.

17. Pantry in the office, if any, should also be cleaned as the other inside office spaces. Special care needs to be taken while cleaning the slabs and the sinks, if any with soap/detergent and water.

18. The utensils should be properly cleaned with dish wash bars /liquids and water.

19. The utensils should not be shared amongst the staff.

20. Consumption of raw fruits/vegetables during refreshment period should be discouraged and the same shall be washed with lukewarm water before consumption. Similarly, the milk packets shall be washed with soap and water before opening the same for usage.

21. **Duties of the employees**:

   i) An employee suffering from high fever/cough/sneezing/difficulty in breathing should voluntarily report the same to employer as well as seek immediate medical advice for timely detection and treatment.
ii) The employee should meticulously sanitize his hands in the manner prescribed above at point 10 and hand wash with soap in the manner prescribed at point 12 at least every 2 hourly.

iii) The employee should wear masks at all times and should follow the reporting time as well as the time to leave the office as prescribed by the employer.

iv) The employee should not indulge in handshake/hug with fellow employees and should discharge his/her work from the space allocated by the employer.

v) The employee should mandatorily hand wash/sanitize in the manner prescribed before touching the refreshments during tea-break/lunch-break etc.

vi) The employee should avoid roaming without purpose in the office as also touching the surfaces, equipment etc.

vii) The employee should not smoke or chew tobacco based products such as gutka, pan masala etc. in the office space.

viii) In case of a cough/sneeze, the employee should use the handkerchief to cover the space which shall then be kept in his/her own pocket/purse in a manner that the surface of the handkerchief exposed to the cough/sneeze shall not touch the other parts of the belongings directly.

ix) In case an employee is not carrying the handkerchief he/she should cough/sneeze into the flexed elbow.

x) In either case, the employee should immediately hand wash with soap in the manner prescribed his hands/other exposed surfaces to cough/sneeze.

xi) The employee should refrain from touching face, mouth, nose and eyes with his hands at all times.

xii) The employee should not spit except when absolutely essential and only in the washbasin of the toilet in the office space.

xiii) The employee should not indulge in gossip/rumours with regard to COVID-19 without verifying the facts. The employer may encourage the employee to download “COVA APP” developed by the Government of Punjab for the correct, timely and authentic information.
22. In case a co-staff/colleague is diagnosed as COVID-19 with whom one had a contact during office, there is no need to panic. One should report to the Helpline No. 104/State Control Room No. 01722920074/08872090029, detailing the exact nature of exposure so as to assist the medical facility to undertake further necessary actions.

23. The employer, in case an employee is diagnosed as corona positive and such an employee has attended the office, shall immediately inform the Helpline No. 104/State Control Room No. 01722920074/+91-8872090029 along with all the facts about the employee and the contacts he/she might have during the attendance in the office. The employer shall therefore maintain a complete and proper record of all employees attending the office on any particular day.

All are encouraged to take proper diet, assimilate correct information and keep themselves aware and updated with the information at all times, and indulge in useful and productive activities during the available free time.

Secretary Health &
Mission Director, NHM, Punjab

No. 2984(R)-2985(R) Dated, Chandigarh the 20th April, 2020

1. A copy is forwarded to OSD to Chief Secretary, Punjab for the kind information of Worthy Chief Secretary please.
2. A copy is forwarded to PS to PSHFW, Punjab for the kind information of Principal Secretary, Health & Family Welfare.

Secretary Health &
Mission Director, NHM, Punjab

No. 2993(R) -3014 (R) Dated, Chandigarh the 20th April, 2020

1. All Civil Surgeons, Punjab.

State Programme Officers (LFE)
NHM, Punjab