

Government of Odisha
Revenue & Disaster Management Department
(Special Relief)
Rajiv Bhawan, Ground Floor, Unit-V, Bhubaneswar-751 001

No. 3654 / R & DM (SR) Date: 18.8.2015
RDM-RLF-MISC-0025-2015

From

G.V.V Sarma
Special Relief Commissioner-cum-
Principal Secretary to Government,
Disaster Management

To

All Collectors

Sub: Modalities for assessment of crop loss due to Natural Disasters and payment of Agriculture Input Subsidy to the affected farmers

Sir/ Madam,

Under the Revised Items & Norms of assistance from the State Disaster Response Fund (SDRF) & National Disaster Response Fund (NDRF) for the period 2015-2020 issued by the Government of India, revised provisions have been made for payment of agriculture input subsidy where the crop loss is 33% and above against the earlier provision for payment of such assistance for crop loss of 50% and above.

The State Government do hereby lay down the following modalities to be followed for assessment of crop loss due to natural disasters, identification of affected farmers and payment of agriculture input subsidy.

1. There shall be two modes of crop loss assessment, i.e.
 - (i) Crop loss assessment of individual farmers through eye estimation,
 - (ii) Crop cutting experiment.
2. Crop loss assessment of individual farmers through eye estimation:
 - a. Crop loss in limited scale may occur due to localized disasters like hailstorm, whirlwind and tornado. For such limited scale of crop loss, assessment of loss of individual farmers shall be made through field verification and eye estimation by a team of officials of Revenue & Disaster Management Department and Agriculture Department (including horticulture personnel) in the affected villages. The team shall comprise of :-
 - i. R.I (Assistant R.I. or Amin, where R.I. is not available)
 - ii. VAW (A.O., where VAW is not available)
 - iii. H.E.W. (Gardener/ Grafter, where H.E.W. is not available)

- b. All attempts shall be made by the team to make the survey as accurate as possible. While making the survey, a grid approach shall be followed.
 - c. The team will prepare a list of affected farmers who have sustained crop loss of 33% and above, type of crop cultivated, area under cultivation, type of cultivation (i.e. own or share cropping, etc.) and other relevant information. All types of crops cultivated in the affected area shall be included in the survey. In case of urgent need, manpower from other non-affected areas shall be pooled and utilized for the survey. The survey should be completed within 2 days.
 - d. Data base of cropped area and farmers shall be prepared by the Agriculture Department at appropriate level in advance and communicated to the Collectors of the Districts by the end of August every year so that valuable time is saved in preparing the list of farmers crop wise.
 - e. The list so prepared shall be displayed at a conspicuous place in the village inviting objections, if any, relating to the list. A period of three days shall be given for filing of objections. During this period, the team will conduct survey in other nearby villages.
 - f. A "Village Level Committee" will be constituted comprising of the following members to hear the objections :-
 - i. Sarpanch / Seniormost Ward Member in case Sarpanch is not available
 - ii. Land Owners cultivating their own land:

• Marginal farmers (< 1 ha.)	-	2 members
• Small farmers (1-2 ha.)	-	2 members
• Semi-medium farmers (2-4 ha.)	-	2 members
• Medium farmers (4-10 ha.)	-	2 members
• Large farmers (> 10 ha.)	-	2 members
 - iii. All members of Joint Survey Team
 - g. R.I. shall be the Convenor of the Village Level Committee who will convene the meeting immediately after expiry of the period for filing of objections relating to the draft list.
 - h. The Committee will hear the individual farmers, who have filed objections and resolve all objections as per factual position in the field. Once the objections are resolved, no further objection shall be entertained thereafter.
3. Crop loss assessment through Crop Cutting Experiment :-
- a. Crop loss in large scale over large geographical area may occur mainly due to flood, cyclone and drought.
 - b. In case of flood, the initial assessment of crop loss shall be made through field verification and eye estimation by a team of officials of Revenue & Disaster Management Department and Agriculture Department including horticulture personnel. At the time of eye

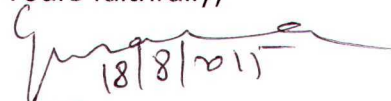
estimation, the actual area under inundation may be taken into consideration. Further, the same will be cross-checked with the inundation data to be obtained from National Remote Sensing Centre /Odisha Space Application Centre.

- c. Based on the above information and field verification, the team will identify the area (grid) in the village expected to have suffered crop loss of 33% and above. The grid shall be identified using GPS. Area beyond the identified grid shall not be taken into consideration for assessment of crop loss.
 - d. Loss of vegetables and other horticulture crops within the grid shall be determined during field verification indicated under clause (c).
 - e. The assessment of crop loss in respect of paddy and other major crops in the grid shall, however, be taken up through crop cutting experiment, when the crop is ready for harvest, to determine the actual extent of loss.
 - f. Crop loss assessment on account of cyclone shall be taken up through field verification & eye estimation by the team of officials and crop cutting experiment as in case of flood. The entire village will form the grid for assessment.
 - g. In case of drought, crop loss assessment shall be taken up through eye estimation by the team of officials and crop cutting experiment. The low land / irrigated land (if water was actually available) shall normally be excluded from grid for assessment of crop loss. The rainfall data compiled by the Office of the Special Relief Commissioner and the bulletins issued by National Remote Sensing Centre (NRSC) under National Agricultural Drought Assessment and Monitoring System (NADAMS) shall also be referred to.
4. The crop cutting experiment shall be carried out as per the provisions laid down under the Odisha Relief Code and the executive instructions appended thereto subject to the following variations:
- a. For each affected grid in a Revenue village, the number of samples to be taken for crop cutting will depend on the area of the grid. A minimum of two and a maximum of ten samples crop cutting per affected village will be conducted jointly by officials of Agriculture Department, Revenue & Disaster Management Department and Director, Economics and Statistics for assessing the actual crop loss. The number of samples to be taken for crop cutting experiment should be calculated as follows:
 - i. Cultivated Area- <10 ha. - 2 samples
 - ii. Cultivated Area- 10-25 ha.- 4 samples
 - iii. Cultivated Area- 26-50 ha. - 6 samples
 - iv. Cultivated Area- 50-100 ha.- 8 samples
 - v. Cultivated Area- >100 ha.- 10 samples

Any two samples will be taken up at least 50 meters apart.

- b. The entire crop cutting process for each village should be completed within 7 days.
 - c. The technology recommended by Mahalanobis National Crop Forest Centre (MNCFC) for assessing crop yield may also be used for the purpose wherever possible.
 - d. The final crop cutting experiment report with the list of affected farmers (with crop loss more than 33%) should be transmitted to the Tahasil level by the next day of finalisation of such list.
 - e. Since the number of crop cutting experiments will be much higher than the number as per the present practice, the Tahasil, Sub-division and District level officials will make maximum possible random cross verifications.
5. The normal yield shall be determined by the Director, Economics & Statistics taking into account the yield of best six years out of last ten years.
 6. The crop loss shall be quantified in two categories i.e. 33% to 66% and above 66%.
 7. Agriculture input subsidy shall be paid to the actual cultivators i.e. the share croppers/ lessees based on field enquiry and verification.
 8. Similar procedure shall be followed in case of deity land under cultivation by share croppers/ lessees.
 9. In case of other privileged Rayats like widow and differentially-abled persons, etc, agriculture input subsidy shall be paid to the Rayats.
 10. Rayats allotted land under the Forest Rights Act, for which Title has been issued, shall be enumerated for payment of agriculture input subsidy.
 11. Government land under unauthorized occupation/ encroachment shall not be taken into consideration for enumeration for payment of agriculture input subsidy.
 12. All payments of agriculture input subsidy shall be made through e-transfer to the accounts of beneficiaries.


Yours faithfully,



Special Relief Commissioner-cum-
Principal Secretary to Government,
Disaster Management

Memo No. 3655 Date: 18/08/2015

Copy forwarded to the P.S. to Minister, Revenue & DM/ P.S. to Minister, Agriculture/ P.S. to Minister, Cooperation for kind information of Minister, Revenue & DM/ Minister, Agriculture/ Minister, Cooperation.



Deputy Relief Commissioner &
ex-officio Deputy Secy. to Govt.

Memo No. 3656 Date: 18.8.2015

Copy forwarded to the OSD to Chief Secretary / P.S to Development Commissioner / P.S to Additional Chief Secretary to Chief Minister for kind information of Chief Secretary / Development Commissioner / Additional Chief Secretary to Chief Minister.


18/8/15

Deputy Relief Commissioner &
ex-officio Deputy Secy. to Govt.

Memo No. 3657 Date: 18.8.2015

Copy forwarded to the Accountant General (A &E), Odisha, Bhubaneswar for information and necessary action.


18/8/15

Deputy Relief Commissioner &
ex-officio Deputy Secy. to Govt.

Memo No. 3658 Date: 18.8.2015

Copy forwarded to the Principal Secretary to Government, Revenue & DM Department / Agriculture Department / Cooperation Department for information and necessary action.


18/8/15

Deputy Relief Commissioner &
ex-officio Deputy Secy. to Govt.

Memo No. 3659 Date: 18.8.2015

Copy forwarded to the RDC, Central Division, Cuttack / Southern Division, Berhampur / Northern Division, Sambalpur for information and necessary action.


18/8/15

Deputy Relief Commissioner &
ex-officio Deputy Secy. to Govt.

Memo No. 3660 Date: 18.8.2015

Copy forwarded to the Commissioner-cum-Director Agriculture & Food Production/ Director, Horticulture/ Director, Economics & Statistics/ Chief Executive, ORSAC for information and necessary action.


18/8/15

Deputy Relief Commissioner &
ex-officio Deputy Secy. to Govt.