



GOVERNMENT OF JAMMU AND KASHMIR
AGRICULTURE PRODUCTION DEPARTMENT
CIVIL SECRETARIAT, JAMMU/SRINAGAR

Subject: Implementation of Restructured Weather Based Crop Insurance Scheme (RWBCIS) in Jammu & Kashmir State
Ref'nce: Cabinet decision No. 49/4/2018 dated 20.03.2018

Government Order No: 200 Agri. of 2019,
Dated: 25 .10.2019

01. As per administrative approval for implementation of Pradhan Mantri Fasal Bima Yojana (PMFBY), Restructured WBCIS, UPIS, and CPIS conveyed by Ministry of Agriculture and Farmers Welfare Department of Agriculture vide No:13015/03/2016-credit-II Dated 23-2-2016 and in modification of Govt. Order no. 134-Agri of 2016 dated 05-04-2016 issued by Agriculture Production Department, J&K under endorsement No. Agri/PC-297/2007-2008 (Part-III) dated 05-04-2016 read with Govt. Order No. 265-Agri of 2016 dated: 16-11-2016, Restructured Weather Based Crop Insurance Scheme (RWBCIS) is hereby introduced in the State of J&K exclusively for Annual/Commercial Horticultural Crops viz. **Apple, Mango, Litchi and Saffron** as per the following conditions/stipulations:-

01.1 The Scheme shall be governed as per the Operational Guidelines (OG) RWBCIS read with Revised Operational Guidelines (ROGs 2018) PMFBY notified by GoI, which shall be the guiding principle for implementation of the Scheme in the State. Revision if any in the OGs shall be applicable as per the decision of GoI;

01.2 The Scheme shall be implemented at the Automatic Weather Station (AWS) Level as per the standards prescribed in the guidelines, clearly specifying the Villages in its catchment which shall be notified as Reference Unit Area (RUA)/Insurance Unit. Number of AWS to be installed at the Block Level and in a district shall be notified accordingly. If required more AWS will be inducted in future;

01.3 Bid Document is approved for wider publication and invitation of tenders;

- 01.4 Yield Data of notified crops for the last 10 years as per the records maintained by the Chief Agriculture Officers/Horticulture Officers at the block/ district level is to be taken as base for calculation of Actual Yield (AY), Threshold Yield (TY) at the reference unit level (Block) for regular Yield estimation and successful implementation of the scheme in future;
- 01.5 Area notified is as per the records maintained by the Chief Agriculture Officers/Horticulture Officers at the block level;
- 01.5.1 Indian Metrological Department (IMD) shall act as weather data provider/Expert Agency for providing all the technical support for successful implementation of the scheme and IMD, Srinagar shall provide Empirical Weather Data of 30 years;
- 01.6 The AWS/ARGs/Weather Radar of IMD /SKUAST shall be taken as the backup data providers;
- 01.7 The approved Implementing Agency shall install AWS on the recommendation of Horticulture/Agriculture Department before the beginning of the contract through accredited agencies of GoI duly certified/validated by a team of expert from the department and IMD;
- 01.8 The Committees constituted vide Government Order No. 604-GAD of 2016, dated 09.06.2016 and the State Level Technical Support Unit/District level Technical Support unit and Joint Assessment Committee shall remain operative as per the Terms of Reference as already notified;
- 01.9 State Department of Agriculture/Horticulture shall set up dedicated teams of technical support unit (TSU) and project monitoring unit for implementation of RWBCIS at State/Division/District level. In addition, Grievance Redressal Committees shall also be framed at State/Division/District level for effective Implementation of the scheme;
- 01.10 Yield Losses would be calculated as per the Term Sheets recommended by State Horticulture Department, Jammu/Kashmir in consultation with SKUAST-J/K for successful implementation of the Scheme;
- 01.11 State Department of Agriculture/ Horticulture shall ensure the use of latest technology (**RST/Satellite imagery/Drones/GPS etc**) in different aspects of crop insurance viz. estimation of crop yield, removal of area

discrepancy in coverage, smart phone based CCE Agri app use for better quality/timely yield data estimation, crop damage / losses estimation and yield disputes.

02. Accordingly Restructured Weather Based Crop Insurance Scheme (RWBCIS) shall be operative in the State covering 20 Districts/287 blocks covering Four (04) crops viz. **Apple, Mango, Litchi and Saffron**. The area and acreage under the crops along with the targets (tentative) for the year 2019-20 is given as under:

Region	District	Crop	Area under crops (Ha)	Targeted Area (@ 25%) Ha
Kashmir	Anantnag	Apple	16971	4242.75
	Budgam		12835	3208.75
	Bandipora		6160	1540
	Baramulla		25203	6300.75
	Ganderbal		6964	1741
	Kulgam		18192	4548
	Kupwara		19015	4753.75
	Pulwama		14143	3535.75
	Shopian		21607	5401.75
	Srinagar		1410	352.5
Total Kashmir Division			142500	35625
Jammu	Jammu	Mango	4857.38	1214.345
	Samba		1406.54	351.635
	Kathua		4008.05	1002.0125
	Rajouri		680	170
	Reasi		928.84	232.21
	Udhampur		1076.5	269.125
Total Jammu Division			12957.31	3239.33
Jammu	Jammu	Litchi	317.01	79.2525
	Samba		40.48	10.12
	Kathua		374.69	93.6725
	Reasi		95.7	23.925
	Udhampur		103.65	25.9125
Total Jammu Division			931.53	232.89
Kashmir	Budgam	Saffron	300	75
	Pulwama		3200	800
	Srinagar		165	41.25
Total Kashmir Division			3665	916.25
Jammu	Kishtwar		50	50
Total			3715	966.25
Grand Total (J&K)			160104	40063.6

03. The Scheme shall be operational in the State of Jammu and Kashmir with following directives and conditions:

03.1 Notification of Crops and Area

1. SLCCCI shall, for the purpose of selection of crops under WBCIS, consider factors such as availability of historical weather data, minimum cropped area, weather perils capable of causing significant & quantifiable losses by change in measurable weather parameters etc.;
2. State Govt. shall convene meetings with insurance providers and experts of Agro-meteorology / agronomy from State Agriculture Universities, Research Institutes etc. for finalization of triggers, term-sheets and payout etc. before SLCCCI meeting. A Technical Committee shall be constituted by the State Government for selection of crop(s), area(s), weather triggers under WBCIS, examination of proposals received from the Insurance Companies, and finalization of term-sheets for the proposed crop(s) / area(s) based on demonstrated correlation with historical weather & yield data and further evaluation of products & benefits to the farmers on insurance principles;
3. The Scheme shall operate on the principle of "Area Approach" in selected notified RUAs. Automatic Weather Stations will be the Insurance Unit and the State Government shall notify the No(s)/Location(s) for installation of AWS clearly specifying the village(s) in its catchment;

03.2 Coverage of Crops

The period of coverage for all the four (4) notified crops shall be with effect from Rabi 2019-20 for a period of Three (03) Years as per the terms and conditions notified in the ROGs (PMFBY)/ RWBCIS;

03.3 Coverage of Farmers

All farmers including sharecroppers and tenant farmers growing the notified crops in the notified areas are eligible for coverage. However, farmers should have insurable interest for the notified/insured crops. The non-loanee farmers are required to submit necessary documentary evidence of land records prevailing in the State (Records of Right (RoR), Land possession Certificate (LPC) etc.) and/ or applicable contract/ agreement details/ other documents notified/ permitted by concerned State Govt. in case of sharecroppers/tenant farmers and the same should be defined by the respective States in the notification itself.

03.4 Compulsory Component

All farmers growing insurable notified crops in the notified areas and availing Seasonal Agricultural Operations (SAO) Loans from financial institutions (i.e. Loanee Farmers) within the stipulated time period.

03.5 Voluntary Component

The Scheme is optional for Non-Loanee Farmers. All farmers who have not availed any crop loan and are willing to get covered under RWBCIS can purchase insurance through Banks/Insurance companies/their designated agents/CSCs.

03.6 Coverage of Risks/ Weather Perils to be Covered

1. Following major weather perils, which are deemed to cause "Adverse Weather Incidence", leading to crop loss, shall be covered under the scheme:
 - a) Rainfall - Deficit Rainfall, Excess rainfall, Unseasonal Rainfall, Rainy days, Dry-spell, Dry days
 - b) Temperature- High temperature (heat), Low temperature
 - c) Relative Humidity
 - d) Wind Speed
 - e) A combination of the above
 - f) **Hailstorm, cloud-burst may also be covered as Add-on/Index-Plus products for those farmers who have already taken normal coverage under RWBCIS. The perils listed above are only indicative and not exhaustive and any addition / deletion may be considered by State Govt. in consultation with insurance companies based on availability of relevant data.**
 - g) The add-on coverage will be optional for the farmers and applicable notional premium will be borne by the farmer. The State Govt Shall consider providing additional subsidy on this coverage, on the recommendation of SLCCCI.
2. State Government shall consider to cover such perils which are capable of causing severe & quantifiable loss and can be induced directly or indirectly by change in measurable weather parameters to capture the losses during the adverse climatic conditions and have demonstrated correlation with quantifiable yield losses of crop due to such perils.
3. Only adverse weather incidences which can cause substantial crop losses should only be covered, or the triggers identified in such a way that major losses are captured. Too conservative triggers tend to lead to frequent but smaller payouts, diluting the indemnity principle of insurance.
4. State Governments will also continue to conduct the requisite number of Crop Cutting Experiments (CCEs) in areas where WBCIS is implemented to enable the implementing agencies to make analytical study for assessing performance of the Scheme vis-à-vis yield Index based crop Insurance Schemes (i.e. PMFBY) and Benchmarking of products.
5. The specific "Adverse Weather Incidence" with its timing / duration applicable to a particular Notified crop (Term Sheets) shall be notified by the SLCCCI.

❖ **Period of Risk (i.e. Insurance Period)**

Risk period would ideally be from sowing period to maturity of the crop. Risk period depending on the duration of the crop and weather parameters chosen, could vary with individual crop and reference unit area and would be notified by SLCCCI before the commencement of risk period.

03.7 General Exclusions

Losses arising out of war and nuclear risks, malicious damage and other preventable risks are not covered.

03.8 Implementing Agencies

Following Insurance Companies have been empanelled by the Government of India and are delegated for Successful Implementation of PMFBY. Any further inclusion and exclusions made by GoI shall be applicable accordingly.

S. No	Name of the company
01	Agriculture Insurance Company of India limited
02	IFFCO-Tokiko, General Insurance Company Limited
03	Bajaj Allianz, General Insurance Company Limited
04	ICICI-Lombard, General Insurance Company Limited
05	HDFC-ERGO General Insurance Company Limited
06	Future General Insurance Company Limited
07	SBI General Insurance Company Limited
08	TATA AIG General Insurance Company Limited
09	Reliance General Insurance Company Limited
10	Cholamandalam MS General Insurance Company Limited
11	Universal Sompo General Insurance Company Limited
12	Shriram General Insurance Company Limited
13	United India Insurance Company Limited
14	National India Insurance Company Limited
15	Oriental India Insurance Company Limited
16	New India India Insurance Company Limited
17.	Bharti Axa General Insurance Company Limited
18.	Royal Sundaram General Insurance Company Limited

03.8.1 The Implementing Agencies shall ensure wide publicity as prescribed under Operational Guidelines (Revised) regarding the scheme in their respective areas of jurisdiction to create awareness amongst farmers and shall lay down requisite infrastructure for successful implementation of RWBCIS in the State of J&K.

03.8.2 The selection amongst Empanelled Insurance Companies shall be through bidding process as per the Operational Guidelines (Revised) of PMFBY issued by the Government of India.

03.9 Notified Automatic Weather Stations (AWS)

❖ Notification of Reference Weather Stations (RWS) and Authorized Data providers

i. SLCCCI based on distance and location and availability of Automatic Weather Stations / Rain Gauge will approve "Reference Weather Stations (RWS) for RUA"s. In addition to RWS for all RUAs, additional weather stations designated as Back-up Weather Stations (BWS) shall be notified for use in case RWS is unable to provide data for any reason. Information of RUAs along with RWS and back up weather stations shall be covered in notification issued at the commencement of the season. Such AWS & ARG should meet the requirements & standards as recommended in report of the committee constituted to draft the Guidelines for setting up Automatic Weather Stations (AWSs) and Automatic Rain Gauges (ARGs) by private agencies and their accreditation, standardization, validation and quality management of weather data etc. circulated by GoI in 2015.

2. Any new AWS/ARG including 5000 AWS planned to be established under PPP mode with support from GoI, should be set up following the guidelines envisaged in the report of the above mentioned committee.

3. All claims shall be settled based on actual data recorded by the RWS. There is no protocol to revise or make change in the actual weather data recorded by the Reference AWS (notified). The insurance companies / their data provider will provide daily weather data recorded in the notified AWSs / ARGs to the State Govt. on compulsory basis and the implementing department should also be given access to view real time weather data of the notified AWSs / ARGs, if so desired.

03.10 Premium rate and subsidy

All farmers (Loanee or non-loanee) enrolled under RWBCIS will have to pay maximum premium 5% of sum insured or actuarial premium rate whichever is lower, for annual commercial/annual horticulture crops. The difference between the actuarial premium rate and farmers share would be equally borne by the State Government and Central government in the ration of 50:50.

04. Payment of Govt. Subsidy:

04.1 Govt. premium subsidy to the Private Empanelled Insurance Companies may be routed through Agricultural Insurance Company (AIC) or any agency designated by GOI strictly as per the guidelines/order of the Govt.

04.2 The premium subsidy will be routed through PFMS/PFMS linked systems strictly based on the MIS generated through National Crop Insurance Portal.

04.3 Government both Centre and State, will release their share of advance subsidy (First Instalment) equivalent to 50% of 80% of their respective share of subsidy in corresponding previous season subject to fulfilment of General Financial Rule (GFR)/guidelines in the matter without waiting for coverage details for the on-going season.

05. Calculation and Notification of Threshold Yield/Scale of Finance/Sum Insured

In case of multi-year contract, the Threshold Yield for the subsequent years shall be revised by adding/considering the yields of immediate previous corresponding season. The revised TY and Sum Insured (if revised) would be notified accordingly at the beginning of each crop season in case of multi-year tender and shall be applicable.

06. Crop-Cluster combination for bidding:

06.1.1 Each district shall be notified as a Cluster for RWBCIS in J&K State.

06.1.2 Insurance companies participating in the bidding process have to mandatorily bid for all crops in a particular cluster. Any deviation in this regard shall render the bid invalid.

07. Budget for Administrative Expenses

07.1 A provision of minimum 2% of the total budget for PMFBY shall be earmarked for Administrative Expenses such as Publicity, Yield/Loss Assessment Expenses, Purchase of Smart Phones/Gadgets for adoption of New Technology, Setting up of State Technical Support Unit (STSU), Monitoring and Evaluation (M&E), Travelling and Contingency fund etc.

07.2 Govt. of India has already made provisions for separate allocations under sub heads like Salaries, Domestic Travel Expenses, Technology interventions, Office Expenses, other Administrative Expenses and Professional Services etc. for Crop Insurance program under

PMFBY/RWBCIS. State shall make provisions and budgetary allocation on similar lines including subhead for incremental cost of CCEs etc.

08. Issued with the concurrence of Finance Department's UO No. FD-VII-12(53)/Agri/911 dated 19.07.2018 and Planning, Development and Monitoring Department's UO No. PD/DPA/Agri-94/2014-15 dated 19.06.2018

09. This Notification shall have immediate effect.

By order of Government of Jammu and Kashmir.

(Manzoor Ahmad Lone), IAS
Secretary to Government
Agriculture Production Department

Agri/PC-17/2019-20

Dated: 25 .10.2019

Copy to the:

- 01- Financial Commissioner, Finance Department, J&K Government, Srinagar
- 02- Financial Commissioner, (Revenue), J&K Government, Srinagar
- 03- Principal Secretary, Planning & Dev. Department, J&K, Srinagar
- 04- Administrative Secretary, Cooperative Department, Srinagar
- 05- Director General, Economic and Statistics, Srinagar
- 06- Dr.Ashish Kumar Bhutani, Joint Secretary, (Credits), Ministry of Agri. and Farmers Welfare, GOI.
- 07- Chief General Manager, NABARD, J&K, Srinagar
- 08- Director, Agriculture Department, Jammu.
- 09- Director, Agriculture Department/ Mission Director, PMFBY, Kashmir.
- 10- Director, Horticulture Department, Kashmir
- 11- Director, Horticulture Department, Jammu
- 12- Director, Environment & Remote Sensing, Srinagar
- 13- Director Planning, APD, Civil Secretariat, Srinagar for information.
- 14- Director , Indian Meteorological Department (IMD), J&K, Srinagar
- 15- Convener State Level Bankers Committee, Srinagar
- 16- Assistant Gen Manager, General Insurance Corporation, New, Delhi-11001.
- 17- Principal Pvt. Secretary to Chief Secretary, J&K, Srinagar for favour of information of Chief Secretary please