



झारखण्ड गजट

असाधारण अंक

झारखण्ड सरकार द्वारा प्रकाशित

8 भाद्र, 1946 (श०)

संख्या - 555 राँची, शुक्रवार,

30 अगस्त, 2024 (ई०)

कृषि, पशुपालन एवं सहकारिता विभाग
(कृषि प्रभाग)

अधिसूचना

27 अगस्त, 2024

ज्ञापांक-03/कृ०रा०यो०-21/2023-2016--राज्य योजनान्तर्गत "क्लाइमेट स्मार्ट एग्रीकल्चर, रिसर्च एंड एग्री स्टैक" योजना की प्रचालन मार्गदर्शिका अधिसूचित की जाती है। (प्रचालन मार्गदर्शिका संलग्न)

2. "क्लाइमेट स्मार्ट एग्रीकल्चर, रिसर्च एंड एग्री स्टैक" योजना की प्रचालन मार्गदर्शिका पर मा० विभागीय मंत्री का अनुमोदन प्राप्त है।

झारखण्ड राज्यपाल के आदेश से,

अबुबक्कर सिद्दीख पी.,
सरकार के सचिव।



CLIMATE SMART AGRICULTURE, RESEARCH & AGRI STACK

Operational Guidelines



CLIMATE SMART AGRICULTURE, RESEARCH & AGRI STACK SCHEME

As the world strives to combat climate change, agriculture has become a key area for adaptation and mitigation efforts. Agriculture in Jharkhand state is also not untouched with the effect of climate change. Farming is experiencing challenge from consecutive droughts, conventional cropping pattern, redundant irrigation practices, use of chemical fertilizers & pesticides, cultural practices etc. Climate smart agriculture (CSA) aims to make agricultural systems more resistant to the effects of global warming. Precision agriculture platforms, also attempting to boost farm efficiency and productivity with little environmental impact, have contributed to the widespread adoption of climate smart farming.

Still, farmers, especially in Jharkhand may find it challenging to make the switch to climate smart agriculture. Because of this, the government of Jharkhand has committed to support and promote climate smart agriculture practice in state

Further, there is need to focus on state specific projects research and to develop long term plan towards adoption & adaptation of best practices on climate smart agriculture.

Thirdly, there is emphasis on creation of data base of farmers, linking of land records with farmer's database, digital crop survey, creation of layers of database (AGRI STACK) satellite images of lands and related information at a one place so that benefits & support of government may reach to farmers in effective and transparent way while using single online platform. At the same time different stakeholders may access the same for multiple interventions for improvement in service deliveries.

Keeping above facts in view, Government of Jharkhand has initiated this scheme during financial year 2024-25.

Objectives of Scheme:

1. To develop studies based suitable models on different Agro Climatic Zones of Jharkhand for sustainable practices on climate smart agriculture/ climate resilient agriculture.
2. To develop appropriate farmer centric policies and schemes based on outcomes of studies to ensure better production and improved crop productivity thereby securing farmer's income.
3. To develop comprehensive strategies and SOP for Climate smart Agriculture for managing agricultural lands, crops, livestock, and forest that counteracts the negative impacts of climate change on agricultural productivity.
4. To promote & support focused research & projects on Climate smart agriculture and allied sector and inclusion of research outcomes into policies of the government.
5. To promote, spread awareness and publicize the climate smart agriculture and also to introduce precision agricultural and allied technologies at farming level.
6. To develop and execute projects on online data base creation of farmers, land & crop survey & crop surveillance system (AGRI STACK& Digital Agriculture) by use of web app/ GIS technology for monitoring of related resources and infrastructure etc.

Salient Feature of the Scheme:

1. The research institutions/agencies of national and international repute will be invited for conducting studies on various Agro climatic zones of Jharkhand developing long term plan in the area of climate smart agriculture/climate resilient agriculture.
2. The research institutions/agencies of national and international repute will also be encouraged to carry out specific research/projects with focus on farmers welfare in the area of climate smart agriculture in the context of Jharkhand.
3. The institutions will be supported for copyright, patenting, intellectual property rights.
4. The best farmers & institutions will be awarded for showcasing best practices in the area of climate smart agriculture.
5. The scientist, scholars and researchers of Jharkhand and those working in Jharkhand related research projects will be encouraged through adequate incentives and to present their evaluations, projects at national and international platforms.
6. An integrated online platform will be developed for creation of digital data base of farmers, linking of land records ,institutions, stakeholders, research, projects, models, reports satellite imaging of crops, crop survey and related infrastructure using suitable technology which will accessible to various stakeholders for useful purpose.
7. To generate, manage and disseminate the data helpful for the future research work and policy makers.
8. The department may amend in guidelines time to time as per requirement of state.

Implementing Agency:

The Scheme will be implemented by the Department of Agriculture, Animal Husbandry & Cooperative.

Committee for monitoring of scheme:**a) State Level Screening Committee on CSA (SLSC-CSA):**

There will be State level Screening Committee (SLSC- CSA) on Climate Smart Agriculture & Research components.

This committee will be formed under Chairmanship of Secretary, Agriculture, Animal Husbandry & Cooperative. The composition of Committee will be as under:

S.No	Designation	Position
1	Secretary Agriculture, Animal Husbandry & Cooperative	Chairperson
2	Concerned Special Secretary/Additional Secretary/Joint Secretary	Member
3	Director, Agriculture	Nodal Officer
4	Director, Animal Husbandry	Member
5	Director, Dairy Development	Member
6	Director, Horticulture	Member
7	Director, Fisheries	Member
8	Director, Soil Conservation	Member
9	Director, SAMETI	Member
10	VC, Birsa Agriculture University or his representative no less the rank of director	Member
11	Chairman- Task force on Sustainable Just transition, Jharkhand	Member
12	Heads of ICAR Institutions- ICAR Palandu, IAB, NBPGR etc	Member
13	Heads of reputed educational or research institutions/agencies in the field of Agriculture & Allied sector, Climate, Environment etc in Jharkhand	Member
14	Invitees with permission of Chairman	Member

Role of SLSC:

- The committee will be responsible for identifying the institutions/ organizations national and international repute in the field of Agriculture and allied sectors and must be working in Jharkhand in the field of development of climate smart agriculture.
- The preference will be given to Government institutions/agencies which are situated in Jharkhand and also world level organizations which are working in the field of climate related issues specific to agriculture.
- The Committee will examine and review proposals which are recommended by Sub Committee on Climate smart Agriculture.
- However, the proposal of other institutions of national or international repute will also be considered if their proposals are of high quality and in perspective of Jharkhand.
- The SLSC will review the progress of components of scheme in every 6 months. However, on request of Nodal officer mid review may be organized.
- This committee may also review Agri Stack project component.
- SLSC may recommend State Government in policy matter related to this component or scheme.

b) Sub Committee on Climate Smart Agriculture:

A Sub Committee on CSA will be formed under chairmanship of Special Secretary/Additional Secretary and the composition of committee will be as under:

S.No	Designation	Position
1	Special Secretary/Additional Secretary	Chairperson
2	All related directors of the Department of Agriculture, Animal Husbandry & Cooperative or their representatives.	Member
2	Concerned Heads/Pr. Scientist of BAU, ICAR institutions- Palandu, IIAB, NBPGR/ Reputed educational & research institutions in the field of Agriculture & Allied sector in Jharkhand	Member
3	Invitees with permission of Chairman	Member

Role of Sub Committee on CSA:

- Discuss and indentify the studies to be done to achieve overall goals of the Department.
- Call for detailed presentation of selected proposals by the institutions.
- Preparation of evaluation sheet/marking mechanism of international standards to allot points for the quality of proposal.
- Recommendation to SLSC on novel/ useful proposals.
- Midterm (quarterly) review of ongoing research, projects, evaluations and other activities.
- Maintaining the data base or records of the ongoing projects for non-duplicity of work or issue of copyright etc.

Implementation of Climate Smart Agriculture & Research Component:

There are three parts for implementation this component:

1. One time Study:

- The Director, Agriculture (Nodal officer of this scheme) will call for proposal from various institution, within given time framework, towards taking up one time studies for preparation of long term plan & strategies various Agro -climatic zones on Jharkhand to improve production, productivity and income of farmers in the area of agriculture and allied activities and put up before Sub Committee on CSA for scrutiny.
- The Sub Committee on Climate Smart Agriculture & Research will scrutinize the proposals and call the institutions for power point presentation and discussions.
- The Committee will select the suitable proposals and recommend to SLSC- CSA for further review.
- The selected project by SLSC-CSA will be eligible for sanction.

2. Regular studies/research:

- The Director, Agriculture (Nodal officer of this scheme) will call for detailed project report (DPR)/Research proposals from the various institutions and put up before Sub Committee on CSA for scrutiny.
- The Sub Committee on Climate Smart Agriculture & Research will scrutiny the proposals and call the institutions for power point presentation and discussions.
- The Committee will select the suitable projects/proposals and recommend to SLSC- CSA for further review.
- The selected project by SLSC-CSA will be eligible for sanction.

3. Assignment from Government:

- The Department may also call for various research proposals on impact assessment & evaluation of interventions /studies through ToR.
- The institutions for such studies will be selected through RFP process.
- For such assignments or studies the terms & conditions may be different compared to above two components and same will be decided through RFP.

Eligibility criteria for Project Proposals/Detailed Project Reports:

- Proposals should be on the development of long term plan for different agro climatic zones in the field of Climate Smart Agriculture and allied sector/climate resilient agriculture.
- Research proposals may also be considered, however, same should be focused on development long term strategies for sustainable growth of agriculture and allied sector based on Agro Climatic zone of Jharkhand.

- The Research proposal should be submitted through approval of proper channel of institutions.
- An institutions/agencies may submit multiple number of proposals.
- The proposal should be unique and novel and focused to Jharkhand and in the interest of farmers and climate.
- The proposal should not have been submitted in other scheme/ project.
- The institutions have to give declaration for non-duplicity of proposal and not funded by any other agency.
- The institutions have to submit indemnity declaration for copy right, Intellectual property rights and patent claims etc.
- The institutions have to submit declaration for completion of project/research within given timeline.
- The Institutions also have to submit declaration for submission of outcome/ recommendation of research/project/models etc within 3 months after completion of project.
- The Institutions have to submit mid-term progress report to government.
- In case of similar research proposal or projects from different institutions, the decision SLSC- CSA will be final.

Note: The Sub Committee on Climate Smart Agriculture & Research may recommend SLSC- CSA for amendments in criteria and conditions of guidelines. SLSC- CSA may review the recommendation and can take decision on the same.

Release of Funds & Utilization:

- The funds will be released in favor of Institutions by the Agriculture Director (Nodal Officer of the Scheme).
- The funds will be released to institutions as per progress report of project. 15% of total cost of research proposal will be released after submission of inception report and against the bill/utilization certificate. Next 65% will be released after submission & presentation of draft report. And final 20% will be released only after full and final submission of project report.
- The institutions have to ensure proper utilization of fund as per DPR.
- The fund should not be utilized for other purpose and utilized for only approved DPR.
- In case of non-submission/non completion of research project the fund will be recovered from concerned institutions and agencies will be charged penal interest of 18%.
- All institutions have to follow all prevailing government financial rules for utilization of fund.

AGRI STACK Component:

Committee on Agri Stack Component:

- The Government of India has rolled out Agri Stack Project and directed the State Governments to formed State level Committee to review the project.
- In this connection, there are already two levels of notified steering committee on Agric Stack project.

a) Digital Agriculture (AGRI STACK) Steering Committee (DASC):

- Digital Agriculture (AGRI STACK) Steering Committee (DASC) is formed under Chairmanship of Chief Secretary to review the overall progress of project.

b) Digital Agriculture (AGRI STACK) Implementing Committee (DAIC):

- The Committee is a functional committee and formed under chairmanship of Secretary, Agriculture, Animal Husbandry & cooperative to look after operational aspect of project.
- The notifications are enclosed at **Annexure-I & II.**

Implementation of AGRI STACK Component:

- Nodal Officer will call for proposal on various aspect of Digital Agriculture (AGRI STACK) from JSAC, JAPIT, NICSI, NIC, Task Force- Sustainable Just Transition, Government institutions.
- Project should be specific to need based & focused to Jharkhand and provisions of integrations with various other platform of Government schemes and projects.
- DAIC may also direct Nodal officer to prepare proposal on specific assignment or as per direction of Government of India and State Government.
- Proposal may be turnkey basis or continuous basis.
- Nodal officer will submit the proposal before DAIC for review and evaluation.
- DAIC will take review of Progress of project on regular basis. Nodal officer will be the convener of committee.
- DAIC may recommend DASC on policy matter but may take final decision on implementation aspect of scheme component.
- If required, DAIC may also recommend the proposal to DASC if there is policy related issues.
- DAIC may take decision on budget aspect of the component.

Budget Provision:

The Scheme will be financed through the budgetary provision of the department under the relevant budget head.

5% of total budget will be kept for administrative expenditure or as contingency.

झारखण्ड सरकार
कृषि, पशुपालन एवं सहकारिता विभाग
(कृषि प्रभाग)

पत्रांक-04/कृ0के0यो0(Dig. Agri.)-03/2022 1858 /कृ0, राँची, दिनांक-27/08/2022

अधिसूचना

कृषि एवं किसान कल्याण मंत्रालय, भारत सरकार के द्वारा Digital Agriculture से संबंधित कार्यों के अनुश्रवण हेतु अंतर्विभागीय समिति के गठन का निदेश है।

उक्त के आलोक में Digital Agriculture Steering Committee (DASC) का गठन निम्नरूपेण किया जाता है :-

1	मुख्य सचिव, झारखण्ड, राँची	अध्यक्ष
2	अपर मुख्य सचिव/प्रधान सचिव/सचिव, कृषि, पशुपालन एवं सहकारिता विभाग, झारखण्ड, राँची	सदस्य सचिव
3	अपर मुख्य सचिव/प्रधान सचिव/सचिव, राजस्व, निबंधन एवं भूमि सुधार विभाग, झारखण्ड, राँची	सदस्य
4	अपर मुख्य सचिव/प्रधान सचिव/सचिव, सूचना प्रौद्योगिकी एवं ई-गवर्नेंस विभाग, झारखण्ड, राँची	सदस्य
5	प्रतिनिधि, कृषि एवं किसान कल्याण मंत्रालय, भारत सरकार	सदस्य
6	नोडल पदाधिकारी, Digital Agriculture कृषि, पशुपालन एवं सहकारिता विभाग, झारखण्ड, राँची	सदस्य
7	नोडल पदाधिकारी, Digital Agriculture राजस्व, निबंधन एवं भूमि सुधार विभाग, झारखण्ड, राँची	सदस्य

- उक्त समिति के द्वारा प्रत्येक दो माह में बैठक कर Digital Agriculture से संबंधित किये जा रहे कार्यों का अनुश्रवण किया जायेगा।
- इस प्रस्ताव पर माननीय मुख्यमंत्री, झारखण्ड का अनुमोदन प्राप्त है।

झारखण्ड राज्यपाल के आदेश से,

(अबुबकर सिद्दीख पी0)
सरकार के सचिव

पत्रांक-04/कृ0के0यो0(Dig. Agri.)-03/2022 1858 /कृ0, राँची, दिनांक-27/08/2022
प्रतिलिपि:-अधीक्षक, राजकीय मुद्राणालय, डोरण्डा, राँची को झारखण्ड राजपत्र के असाधारण अंक में प्रकाशनार्थ प्रेषित।

सरकार के सचिव

झापांक-04/कृ0के0यो0(Dig. Agri.)-03/2022 1858 /कृ0, राँची, दिनांक-27/07/2022
प्रतिलिपि:-माननीय मुख्यमंत्री के सचिव/मुख्य सचिव, झारखण्ड, राँची/अपर मुख्य सचिव/प्रधान सचिव/सचिव, सभी विभाग, झारखण्ड/सभी प्रमण्डलीय आयुक्त/सभी उपायुक्त, झारखण्ड/समिति के सभी संबंधित सदस्यों को सूचनार्थ प्रेषित।

सरकार के सचिव।

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प्रतिलिपि:- सचिव, कृषि एवं किसान कल्याण विभाग, कृषि एवं किसान कल्याण मंत्रालय, भारत सरकार, कृषि भवन, नई दिल्ली को सूचनार्थ प्रेषित।

सरकार के सचिव।

झारखण्ड सरकार
कृषि, पशुपालन एवं सहकारिता विभाग
(कृषि प्रभाग)

पत्रांक-04/कृ0के0यो0(Dig. Agri.)-03/2022 1859 /कृ0, राँची, दिनांक-27/07/2022

अधिसूचना

कृषि एवं किसान कल्याण मंत्रालय, भारत सरकार के द्वारा Digital Agriculture से संबंधित निम्नांकित कार्यों को 31 मार्च, 2023 तक पूर्ण कर लिये जाने का लक्ष्य निर्धारित किया गया है:-

1. Farmers database with dynamic linking of Land Records.
2. Geo referencing of Village Maps.
3. GIS Base Real Time Crop Survey.

उक्त कार्यों के सत्त अनुश्रवण हेतु Digital Agriculture Implementation Committee (DAIC) का गठन निम्नरूपेण किया जाता है :-

1	अपर मुख्य सचिव/प्रधान सचिव/सचिव, कृषि, पशुपालन एवं सहकारिता विभाग, झारखण्ड, राँची	सह अध्यक्ष
2	अपर मुख्य सचिव/प्रधान सचिव/सचिव, राजस्व, निबंधन एवं भूमि सुधार विभाग, झारखण्ड, राँची	सह अध्यक्ष
3	निदेशक, सूचना प्रौद्योगिकी एवं ई-गवर्नेंस विभाग, झारखण्ड, राँची	सदस्य
4	कृषि निदेशक, झारखण्ड, राँची	सदस्य
5	निदेशक, राजस्व, निबंधन एवं भूमि सुधार विभाग, झारखण्ड, राँची	सदस्य
6	नोडल पदाधिकारी, Digital Agriculture कृषि, पशुपालन एवं सहकारिता विभाग, झारखण्ड, राँची	सदस्य
7	नोडल पदाधिकारी, Digital Agriculture राजस्व, निबंधन एवं भूमि सुधार विभाग, झारखण्ड, राँची	सदस्य

2. उक्त समिति के द्वारा प्रत्येक माह बैठक कर Digital Agriculture से संबंधित किये जा रहे कार्यों का सत्त अनुश्रवण किया जायेगा।
3. इस प्रस्ताव पर माननीय मुख्यमंत्री, झारखण्ड का अनुमोदन प्राप्त है।

झारखण्ड राज्यपाल के आदेश से,

(अबुबकर सिद्दीख पी0)

सरकार के सचिव

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प्रतिलिपि:-अधीक्षक, राजकीय मुद्राणालय, डोरण्डा, राँची को झारखण्ड राजपत्र के असाधारण अंक में प्रकाशनार्थ प्रेषित।

सरकार के सचिव।

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सरकार के सचिव।

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प्रतिलिपि:- सचिव, कृषि एवं किसान कल्याण विभाग, कृषि एवं किसान कल्याण मंत्रालय, भारत सरकार, कृषि भवन, नई दिल्ली को सूचनार्थ प्रेषित।

सरकार के सचिव।