



## VIKSIT KRISHI SANKALP ABHIYAN-2025

### ବିକଶିତ କୃଷି ସଂକଳ୍ପ ଅଭିଯାନ-୨୦୨୫

( 29<sup>TH</sup> MAY TO 12<sup>TH</sup> JUNE )



Prepared by:

KRISHI VIGYAN KENDRA, NAYAGARH



**VIKSIT KRISHI SANKALP ABHIYAN**

Vikasit Krishi Sankalp Abhiyan (VKSA) a national initiative was started with the goal of modernizing Indian agriculture through farmer empowerment, sustainable practices, and scientific outreach. Through the adoption of sustainable techniques, farmer empowerment, and scientific outreach, this national initiative in India seeks to streamline and revolutionize agriculture. The campaign focuses on bridging the gap between research and on-farm implementation, ensuring that farmers benefit from the latest technologies and innovations. Nationwide agricultural campaign launched by the Indian government in 2025 with the goal of empowering farmers and promoting innovative farming methods through the dissemination of scientific knowledge.



Under the direction of Union Agriculture Minister Shri Shivraj Singh Chouhan, the project was introduced on May 29, 2025, in Puri, Odisha. During video conference speech at the inaugural ceremony, Prime Minister Narendra Modi emphasised the importance of the campaign for agrarian transformation. The 15-day campaign, which spans almost 20 Indian states, ends on June 12, 2025.



The campaign demonstrates remarkable scale and coordination. Approximately 1.5 crore farmers in more than 700 districts and 65,000 villages nationwide are to be reached. Along with representatives from the state departments of agriculture, horticulture, animal husbandry, and fisheries, 2,170 scientific teams collaborate with all 731 Krishi Vigyan Kendras and 113 ICAR institutes to carry out the implementation. By doing outreach prior to the Kharif and Rabi planting seasons, the program provides timely field-level guidance on a biennial basis. Improving soil health management, optimizing resource use, and improving crop production methods are the main areas of focus. The program aims to promote self-reliance, sustainability, and resilience in the farming and aquaculture industries while delivering state-of-the-art agricultural and fisheries technologies to rural communities.

The program addresses several critical agricultural challenges through targeted interventions. These encompass the advancement of climate-resilient agricultural strains, adoption of water-saving practices, holistic pest control methods, and thorough solutions for post-harvest management. Farmers obtain targeted advice on effectively using Soil Health Cards for educated crop choices and appropriate fertilizer use. The initiative highlights the establishment of nutrition gardens and offers methods for tackling climate change issues in farming.



Viksit Krishi Sankalp Abhiyan reflects Prime Minister Modi's *Lab to Land* vision, aimed at closing the significant knowledge gap between scientific research in labs and its practical application on farms.

This initiative supports the larger national aim of making India the "*Food Basket of the World*" by utilizing science-based, climate-resilient, and farmer-focused agricultural practices. The campaign serves as a key element of the Viksit Bharat vision for 2047, acknowledging that transforming agriculture is crucial for overall national progress. The effort exemplifies the administration's commitment to inclusive agricultural growth, reaching even isolated remote, challenging areas and difficult landscapes. This all-encompassing strategy establishes the campaign as a transformative influence in Indian agriculture, merging scientific advancements with grassroots execution to realize sustainable agricultural development and empower farmers throughout the country.

#### THE CAMPAIGN AIMS TO:

- Promote Sustainable Practices: Encourage environmentally friendly and resource-efficient farming methods.
- Empower Farmers: Provide farmers with the knowledge, skills, and access to resources they need to thrive.
- Bridge the Gap: Connect scientific research and technology with on-the-ground farming practices.
- Increase Income: Ultimately, the campaign aims to improve farmer incomes and livelihoods through increased productivity and profitability.

#### SIX-POINT STRATEGY OF THE AGRICULTURE MINISTRY

- Increase agricultural production
- Reduce production costs
- Ensure fair prices for produce
- Compensate losses due to natural disasters
- Promote crop diversification, value addition & food processing
- Encourage natural and organic farming

Union Agriculture Minister Shivraj Singh Chouhan inaugurated the "Viksit Krishi Sankalp Abhiyan (VKSA)" on May 29, 2025. This campaign aims to revolutionize Indian agriculture through the use of science and technology. It was initiated in Sakshigopal, Puri (Odisha). The Minister stated that the initiative encourages communication in both directions between scientists and farmers. He mentioned that researchers will exchange findings and technical information while also collecting data on the difficulties encountered by farmers. Mr. Chouhan mentioned that the program will engage



specialists from the Indian Council of Agricultural Research (ICAR) and Krishi Vigyan Kendras to enhance the 'Lab to Land' link. He mentioned that groups of 16,000 researchers have been organized to travel from village to village to interact with farmers. The program, initiated by the Ministry of Agriculture and Farmers Welfare in partnership with ICAR, represents a significant effort to revolutionize agriculture and ensure the nation's food security through scientific advancements and community involvement. State governments will be essential in achieving this goal, and every state is anticipated to aid in the campaign's success through shared responsibility and commitment.

**MAIN OBJECTIVE OF THE CAMPAIGN:**

The VKSA campaign aims to make India the **”food basket of the world.”** It focuses on connecting scientists directly with farmers, so they can share better farming methods. This supports Prime Minister Narendra Modi's idea of taking science from **”Lab to Land”** and building a Developed India. From **May 29 to June 12**, scientists will travel to over **700 districts across the country**. This is the first time such a large-scale effort is happening in India.

- Meet around 1.5 crore farmers
- Teach new farming methods
- Collect feedback from the field

VIKSHIT KRISHI SANKALP ABHIYAN-2025-26-NAYAGARH-ODISHA, PROGRAMME & TEAM (ICAR-KVK-STATE GOVT.) DETAILS

Date	Team A			Team B			Team C		
	Blocks	Gram Panchayat		Blocks	Gram Panchayat		Blocks	Gram Panchayat	
29.05.2025	Ranpur	Rankadeuli	Darpanarayanpur	Odagaon	Godipada	Panchumu	Nayagarh	Bhatasahi	Kridaspur
31.05.2025	Khandapada	Gunthuni	Salajharia	Bhapur	Rakama	Karabara	Nuagaon	Gateri	Dhenkena
02.06.2025	Ranpur	Bajrakot	Balabhadrapur	Bhapur	Baghualalli	Bhagabanapur	Nayagarh	Laxmiprasad	Gadadharprasad
03.06.2025	Khandapada	Banamalipur	Ranichelli	Nuagaon	Maichelli	Korada	Odagaon	Kurula	Rohibank
05.06.2025	Gania	Belapadapatna	Adakata	Daspalla	Tumandi	Sariganda	Ranpur	Mayurjhalia	Jankia
06.06.2025	Nayagarh	Biruda	Pandusar	Odagaon	Sikharpur	Badagorada	Nuagaon	Paradhipi	Sikrida
09.06.2025	Ranpur	Narendrapur	Takalani	Khandapada	Godisahi	Singhapada	Bhapur	Golapokhari	Kainfulia
10.06.2025	Daspalla	Nachipur	Dihagaon	Odagaon	Baunsagadia	Magarabandha	Nayagarh	Kendudhipi	Notar
11.06.2025	Gania	Chhamundia	Rasanga	Daspalla	Tendabadi	Similisahi	Odagaon	Saranki	Gotisahi
12.06.2025	Odagaon	Ranganipatna	Gaudaput	Ranpur	Champagada	Kanda Nayagarh	Nayagarh	Kalikaprasad	Khuntubandha
	Team A			Team B			Team C		
ICAR-IIWM, BBSR	DR. DEBABRATA SETHI, Sr. Scientist	Veterinary	7008103447	Dr. D.C.Sahoo, Pr. Scientist	Ag. Eng.	8763208870	Er. Ajit Ku. Nayak, Scientist	Ag. Eng.	8989206421
ICAR-CIFA, ICAR-DPR, BBSR	Dr. S.K.Sahoo, Pr. Scientist	Fishery	8917620778	Dr. Rajesh Kumar, Pr. Scientist	Fishery	9777046042	Dr S C Giri, Pr. Scientist	Veterinary	9437888004
KVK	Er. Suchismita Dwivedy, Scientist	Ag. Eng	8763821161	Dr. Madhumita Jena, Scientist	Agriculture	9178686837	Mr. Debasish Nayak	Agriculture	9337943451
KVK	Dr. Pramod Ku. Prusty, Scientist	Plant Protection	9437125293	Dr. Gyanaranjan Sahoo, Scientist	Forestry	9438504287	Mrs. Gitanjali Subudhi, Scientist	Home Sc	7978295297
Govt. Dept	BAO, AHO, ASCO	Agri, Hort, Soil		BAO, AHO, ASCO	Agri, Hort, Soil		BAO, AHO, ASCO	Agri, Hort, Soil	
Govt. Dept	Mr. Navesh Ku Pattanayak, ADA	Agriculture	8847898293	Mr. Kali Charan Behera, Adl Dir, SCO	Soil Con.	9437059169	Mr. Gauri Sankar Mishra, ADO	Agriculture	9438313507
Dist. Dept. Head (Team Leader)	Mr. Upendra Ku Parida, Project Director	Soil	9556724051	Mr. Lalit Ku. Panda, Dy. Director Horticulture	Horticulture	9437443991	Dr. Anil Ku Swain, SSH, KVK	Fishery	9439024040
ICAR VKSA Coordinator	Dr. Suman Mishra, Pr. Scientist, ICAR-IIWM, BBSR	Ag. Extension	9437566980	OUAT VKSA Coordinator	Prof. Prassanjit Mishra, Dean, Extension Education	9437406114	District VKSA Coordinator	Mr. Suman Pattanayak, Chief District Agriculture Officer	8249834800



**FRAMEWORK OF VIKSIT KRISHI SANKALP ABHIYAN PROGRAMME AT DISTRICT LEVEL:**

To reach out to every hook & corners of the district with larger mass, three multidisciplinary groups were formed including researchers of National level, scientist of state level and agriculture officials of district level. To cover all the block of the district schedule programme was prepared by district heads & each team was lead by the dedicated district head. In state level each team was supervised & monitored by VKSA coordinators. The programme was scheduled for 10days covering all the blocks and a vision to reach more than 30000 farmers & farm women in the district.

**OUTREACH PROGRAMME OF VIKSIT KRISHI SANKALP ABHIYAN (VKSA):**

<b>TEAM: A</b>	Coordinator at state level	Dr. Suman Mishra, Pr. Scientist, Indian Institute of Water Management (ICAR-IIWM), Bhubaneswar
	District Head/Team leader	Mr. Upendra Kumar Parida, Project Director, Dept. of Watershed & soil conservation, Nayagarh
	Team members	Dr. S. K. Sahoo, Pr. Scientist, Central Institute of Freshwater Aquaculture (ICAR-CIFA), Bhubaneswar Dr. Debabrata Sethi, Senior Scientist, Indian Institute of Water Management (ICAR-IIWM), Bhubaneswar Dr. Pramod Kumar Prusty, Scientist (Plant Protection), KVK, Nayagarh Er. Suchismita Dwivedy, Scientist (Agril. Engineering), KVK, Nayagarh Mr. Navesh Ku Pattanayak, Asst. Director of Agriculture, (Soil Chemist) Nayagarh

The team effortlessly conducted the programme as per schedule and visited 20 panchayats in six blocks and reached out to 17668 numbers of farmer & farmwomen during the said event. National, state & district level officials were keenly involved in the programme with an objective of creating mass awareness about Govt. sponsored programme & schemes of agriculture, horticulture & watershed & soil conservation programme of Kharif season. Besides focus was on imparting technologies on importance of green manuring for soil health management, significance of farm mechanization in rice based cropping system, water use efficiency and micro irrigation in fruit based farming system, profit maximization through integrated farming system approaches, soil testing and application of soil test



based fertilizer and benefits of natural farming practices, farm mechanization, green energy and automation in agriculture were rendered to the clientele through technology demonstration. Method demonstration on sowing mechanized direct seeded rice was demonstrated in collaboration with I-concept initiative NGO of Nuagaon which drew attention of the small holders of rice cultivators to opt for collective farming to reduce the cost of cultivation by farm machinery interventions and possibilities of profit enhancement out of rice farming. Farmer scientist interaction was the major highlight of the programme. Interface between farmers and scientist rendered solution to the queries and pathways for agriculture development. KrushiRatha was a major attraction of the programme which moves in and around the vicinity and showcases the innovation in agriculture, govt. subsidized schemes and farmers benefit programme which capture a large audience and ultimately reaches out to the mass for wide publicity. Moreover, to be updated on farming practices printed publication on kharif advisory, 2025 was supplied to the farmers under this programme. Farmers innovations and feedback were collected through schedule questionnaires and google form. State govt. officials (Block agriculture officer, Asst. agriculture officer, Asst. horticulture officer & Asst. soil conservation) have put their best effort to coordinate, arrange & manage the meeting smoothly and mentoring the farmers about farmers' registry/ farmers ID registration /online application processing for availing govt. subsidized schemes and programme etc.





TEAM: B	Coordinator at state level	Prof. Prasannajit Mishra, Dean, Directorate of Extension Education, Odisha University of Agriculture & Technology, BBSR
	District Head/Team leader	Mr. Lalit Kumar Panda, Deputy Director of Horticulture, Nayagarh
	Team members	Dr. D.C. Sahoo, Pr. Scientist, Indian Institute of Water Management (ICAR-IIWM), Bhubaneswar Dr. Rajesh Kumar, Pr. Scientist, Central Institute of Freshwater Aquaculture (ICAR-CIFA), Bhubaneswar Dr. Gyanaranjan Sahoo, Scientist (Forestry), KVK, Nayagarh Dr. Madhumita Jena, Scientist (Agril. Extension), KVK, Nayagarh Mr. Kali Charan Behera, Adl. Director, Dept. of Watershed & Soil Conservation, Nayagarh

This team visited 20 panchayats of six blocks and reached out to 10068 number of farmers & farm women over a period of 15 days. Mr. Kali charan Behera, Addl. Director, Dept. of Watershed & soil conservation, Nayagarh narrated about the importance of soil health card for crop management, distributed soil health cards to the beneficiaries and were made realize the usage of recommended dosage of chemical fertilizer in addition to organic fertilizers. In addition to farmers were educated about significance of bio fertilizer in non-paddy crops and impact of micro nutrient for yield enhancement. Moreover, Technologies on schedule irrigation management in horticultural crops to increase water use efficiency, method to retain soil moisture, water harvesting structure to save rainwater for critical growth stages, incorporation of inputs of natural farming (Beejamruta, Jibamruta, Nimastra, Handikhata) and practice organic methods of cultivation, landless enterprises for income generation i.e mushroom farming, poultry rearing, bee keeping etc were advised to the participating farmers & farm women. Besides youths were encouraged for promotion of smart farming, use ICT based expert system & mobile based reliable smart application for adopting export oriented farming practices and use of high tech machinery for cost reduction and maximizing farm productivity. Soil sample testing and Soil test based fertilizer application was the primary focus of Krushi Ratha. District level officials elaborated the importance of farmer's registry and Farmers ID for encasing govt. schemes in addition to significance of resource management for enhancing productivity & sustainability. Farmers queries on fish culture practices, including biofloc systems, feeding methods, quality management of pond water, availability of qualitative fish seed, high-yielding paddy varieties, soil/water testing facilities, hi-tech vegetable cultivation and paddy seed productions were addresses. Local govt. representatives (Sarapanch, Ward



member, samiti sabhya) were involved in the programme and expressed their needs for interest of the farming community besides elaborated the agriculture development has been occurred over the period of time and gradual changes in the farming scenario.



TEAM: C	Coordinator at state level	Sj. Suman Kumar Pattanayak, Chief District Agriculture Officer, Nayagarh
	District Head/Team leader	Dr. Anil Kumar Swain, Senior Scientist & Head, KVK, Nayagarh
	Team members	Dr. S.C. Giri, Pr. Scientist, Directorate of Poultry Research (ICAR-DPR), Bhubaneswar Sj. G.S Mishra, Agriculture District Officer, Daspalla Er. Ajit Kumar Nayak, Scientist, Indian Institute of Water Management (ICAR-IIWM), Bhubaneswar Dr. Gitanjali Subudhi, Scientist (Home Science), KVK, Nayagarh Sj. Debashis Nayak, Farm Manager, KVK, Nayagarh

The team has covered approximately 26403 number of farmers & farm women over a period of 15 days covering 5 blocks and 20 gram panchayats. Krishi Ratha was the foremost attraction of the viksit programme could reach a large audience by disseminating agriculture information through technology videos, farmers success interviews & through distribution of printed technical materials. Moreover kharif advisory in odia (leaflet) were distributed to the farmers for technical guidance. Important technology i.e mushroom production for empowering landless & marginal farmers, scope of floriculture for women self help groups, profitable poultry/avian rearing through semi-scavanging breeds, improved technology in pisciculture, management of farm pond during summer & rainy season, importance of stocking density, suitable species for bio-floc, Integrated farming system model for round the year income generation, soil health management, fertilizer application based on soil health card, promotion of machine based farming for different operations i.e sowing by seed drill, application of power weeder, reaper, thresher and AI based drone application etc. were delivered by the resource





person deputed for the programme. Block level officials of agriculture, horticulture, watershed & soil conservation were discussed about the kharif programmes and welfare schemes of the season. Public representatives & Local leaders were also participated and expressed their worries and concern for agriculture development and expecting for such collaboration in coming future which would surely address the queries of the farmers and enabling farming practices more accessible, sustainable & profitable.



**HIGHLIGHTS OF VIKASIT KRISHI SANKALPA ABHIYAN**



**Mrs. Surama Padhy, Hon'ble speaker of Odisha Legislative Assembly** graced the programme at saranakul of Odogaon block on 11<sup>th</sup> June, 2025. She emphasised on the importance of women empowerment through collective entrepreneurial activities and way forward for strengthening the movement through collaborative efforts. In addition she expresses innovations in agriculture must be a

prioritized area where farmers must be aware about the latest technical improvements about farming practices, methods and machinery but at the same time it's the moral responsibility of the farmers to conserve our local germplasm (ikiri greengram, GI tagged kanteimundi brinjal and local aromatic rice ) and preserve the local agriculture tradition and farming practices as zero budget natural farming is the new mantra in transforming agriculture paradigm. All district heads elaborated their role, responsibilities and kharif agriculture plan of the district while public representatives & progressive farmers expressed their worries and difficulties in farming sector. Meanwhile madam speaker assured the farmers and instructed department heads to take farmers queries seriously and necessary measures to address their concerns.



**Mrs. Nandini Dalai, Joint Director (Agriculture), Department of Agriculture & Farmers' Empowerment, Govt. of Odisha** participated in the programme on 10<sup>th</sup> June, 2025 at Nachhipur of Daspalla block as district nodal officer of VKSA. She highlighted on the streamlining the activities of kharif programme, timely input supply flow, farmers registration, farmers registry, crop insurance scheme, soil testing and distribution of soil health card, incorporation



of green manuring in rice and suitable crop diversification in rainfed upland for higher profitability, popularization of minor and major millet in upland etc. Besides she also expressed convergence activities i.e organise joint field visit to farmers experimental / demonstration sites, progressive farmer entrepreneur, human resource development of grassroot worker, refresher training programme etc. to be strengthened and concentrate effort on building agri entrepreneur and strengthening FPO movement for holistic development.





**Dr. Arjamadutta Sarangi, Director, Indian Institute of water Management (ICAR-IIWM), Bhubaneswar** as ICAR representative of VKSA participated in the programme held at Nayagarh & Ranpur block on 12<sup>th</sup> June, 2025. As an expert of water management he emphasised on importance of water use efficiency, different irrigation methods for diverse topography, micro irrigation system in horticultural crops, harnessing green energy sources for farming operation, resources conservation technologies should be focused for cost reduction and profit enhancement. Besides he also address the queries of the farmers in relation to soil moisture conservation practices, schedule irrigation management & water harvesting structure in farmer- scientist interface session.



GLIMPSES OF VIKASIT KRISHI SANKALP ABHIYAN



FARMER QUERIES & CONCERNS : EXPERT INTERVENTION & SUGGESTIONS

**Key issues raised by farmers during VKSA programme**

**Major takeaways and technical interventions to be adopted**

Irrigation was a major concern (as 44% of the area is irrigated) by which majority of the farm land remain fallow during rabi season.

- Practicing Green Manuring (Dhanicha) & azolla in rice improves water retention, and soil fertility.
- Incorporation of organic matter like compost or manure improves soil structure and water holding capacity.
- In-situ moisture conservation practices i.e summer ploughing, mulching, crop rotation, water harvesting structure, broad bed and furrow should be followed.
- Components of natural farming (jibamruta, nimastra etc) to be incorporated for soil moisture conservation.
- Recommended use of chemical fertilizer and schedule management.

Weather vaggaries specially during harvesting stages damage the crop

- Digital Weather forecast should be followed.
- Advisory and forecast alert by the department should be well taken care of.
- Harvested produce must be kept in safe & dry place.
- Farmers should opt for crop insurance (PMFBY)
- Damage report should be intimated to block authority and insurance filing to be done within 72 hours.

Inefficient supply chain disrupt the input flow (availability of seed and critical inputs)

- Prior indent should be placed at co-operative societies by Farmer/farmer group much before the onset of season.
- Coordination to be established with grassroot workers (Krushak Sathi, Agriculture overseers, VAWs. HEO etc.) for smooth input flow.

Unaware about processing formalities of the govt. subsidised schemes & programmes

- All departmental schemes should be made available at public domain.
- Printed literature (leaflet) may be circulated for wide publicity and same can be advertised in office vicinity.
- Reachout to the nearest customer service center (CSC) for e-filing of any govt. schemes.





Animal threat (monkey, elephant & wild boar) is a major issue in vegetable growing area.

- Animal trap should be installed around the farm for protection against wild boar.
- Solar fencing may be advised to protect from wild animals.
- Lemon grass may be planted around the elephant pathway to control their movement.
- Proven Indigenous technology kit (ITK) should be promoted.

Increased pest & disease outbreak in vegetable crops

- Standardise integrated pest management (IPM) practice may be followed.
- Farmers may enroll in plant health clinic (PHC) whatsapp group created by KVK, Nayagarh for technical updation.
- Liasoning with departmental officials for constant technical backstopping.

Gradual increase of Pesticide application in vegetable crops to control pest & disease.

- Recommended chemical and dosage must be used.
- Repeated use of same chemical/molecule should be prohibited.
- Chemical should be applied /sprayed wrt to economic threshold level (ETL).
- Banned or expired insecticides should not be administered.
- Eco friendly chemicals (green colour) should be used at recommended dose and methods.
- In case of brown plant hopper in rice organophosphate chemicals should be restricted.
- Proper crop planning/ crop rotation/ trap crop/cover crop may be accorded to effectively pest management.

Higher input cost in farming minimises the profit

- High value horticulture crops should be promoted i.e dragon fruit, pomegranate with high density planting system . cultivation.
- Upland areas should be opted for hybrid maize, pulse seed production, black turmeric, lemon grass & nutri-rich millet crops.
- Off-season vegetable cultivation should be promoted in cluster approaches.
- Farmers producer organizations must focus on marketing of indigenous aromatic rice, greengram, cashew nut and locally available honey in an organised manner.

