



CITIZEN CHARTER



**DIRECTORATE OF AGRICULTURE &
FOOD PRODUCTION, ORISSA**

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CHAPTER- 1

1.1- INTRODUCTION:

The Agriculture Department mainly consists of 3 executive wings namely, Directorate of Agriculture and Food Production, Directorate of Horticulture, Directorate of Soil Conservation and Watershed Mission. Besides these, a number of autonomous bodies like Orissa State Seeds Corporation (O.S.S.C), Orissa Agro Industries Corporation (O.A.I.C.), Agriculture Promotion and Investment Corporation of Orissa Limited (APICOL), Orissa State Seed and Organic Products Certification Agency (OSSOPCA), Institute on Management of Agricultural Extension (IMAGE), Orissa Cashew Development Corporation are also working under the department. Of the three, the Directorate of Agriculture is the oldest one, which started functioning from 1945 onwards as the Directorate of Development and subsequently renamed as the Directorate of Agriculture and Food Production, Orissa from which the other two Directorates got separated in the years 1977 and 1978.

1.2- The mandate of the Directorate is development in agriculture sector through transfer of improved technologies, timely supply of agricultural inputs to the farmers, capacity building of the extension personnel and farmers, increasing agricultural production & productivity and over all development of the economic status of the farmers.

Activities:

- ◆ Transmitting improved technologies evolved from the Research Institutes to the farmers.
- ◆ Creating awareness among the farmers on different developmental schemes and implementation thereof.
- ◆ Imparting training to the farmers, conducting field demonstrations.
- ◆ Organizing district level agricultural exhibitions.
- ◆ Organizing exposure visit of farmers within and out side the State.
- ◆ Production of quality seeds in the departmental farms as well as in the farmers' field.
- ◆ Supply of quality seeds to the farmers through departmental Sale Centers.
- ◆ Monitoring the supply of fertilizer and pesticides to the farmers.
- ◆ Popularisation of farm machineries and equipments.
- ◆ Creating irrigation potential through private lift irrigation programme.

- ◆ Quality control of seeds, fertilizer and pesticides.
- ◆ Soil testing, providing soil health cards to farmers and fertiliser recommendation for different crops basing on soil nutrient status.
- ◆ Updating knowledge of extension personnel through training.
- ◆ Suggesting suitable cropping programme especially for irrigated ayacuts.
- ◆ Motivating the farmers to take up Crop Insurance and estimating the yield of Arhar, Niger and Cotton for insurance purpose.
- ◆ Providing CRF subsidy to natural calamity affected farmers.
- ◆ Transfer of modern technology and promote farm mechanization, seed replacement, plant protection, soil and water management etc. through Agriculture Extension.
- ◆ Ensure quality inputs for better production
- ◆ Varietal intervention
- ◆ Demonstrations
- ◆ Farmers' capacity building
- ◆ Cooperation with allied departments/ agencies
- ◆ Promotion of Agri- entrepreneurship.
- ◆ Provision of incentive/subsidy to farmers
- ◆ Formulation of plans, programmes & schemes for the agricultural development of the state.
- ◆ Increase crop production in a sustainable manner through transfer of modern technology.
- ◆ Utilization of various state & central funds.

1.3. The Directorate

The Directorate is known as “Directorate of Agriculture & Food Production, Orissa” and is located at HOD building, Bhubaneswar. This Directorate operates in the entire state with its officials at Gram Panchayat, Block, Subdivision, District and State level. The staff of this Directorate have the privilege of reaching every farm family of the state in a particular time frame which is quite unique compared to any other Department.

In the state the Directorate is headed by the Director Agriculture & Food Production, Orissa with technical assistance from two Additional Directors & four Joint Director of Agriculture. Officers at various levels whose opinions are sought for in the process of decision making are as follows –

- ◆ Additional Director (Extension) for agriculture development & extension system
- ◆ Additional Director (Engineering) for farm mechanization, irrigation & other engineering development matter
- ◆ FA-cum-CAO for financial matters
- ◆ Joint Director (Administration) for administrative matters
- ◆ Joint Director Agriculture for technical matters
- ◆ Deputy Directors and other Assistant Directors for technical matters

FIELD ADMINISTRATION-

Presently there are 30 Agriculture Ranges covering each revenue district of the state. Each Range is headed by one Deputy Director of Agriculture (D.D.A.) with a group of specialists to help & administer various developmental activities of the Range.

Further at sub-district level there are 80 Agricultural Districts headed by a District Agriculture Officer supported by a group of technical officers to monitor and supervise the various activities for overall development of Agriculture Sector.

At the block level, there are Assistant Agricultural Officers (A.A.O.s) with a staffing force of Agriculture Overseer (A.O.) and Village Agricultural Worker (V.A.W.) to monitor the Agricultural Activities in all the 314 blocks of the state. The A.O.s & V.A.W.s are mostly functioning at the level of Gram Panchayat & come across with the day to day issues of the farmers

The hierarchy of the Directorate in **enclosed at-1.4.**

Addresses: - Directorate of Agriculture & Food Production, Orissa

Heads of office building, Bhubaneswar-1, Dist.- Khurda, Orissa-756001

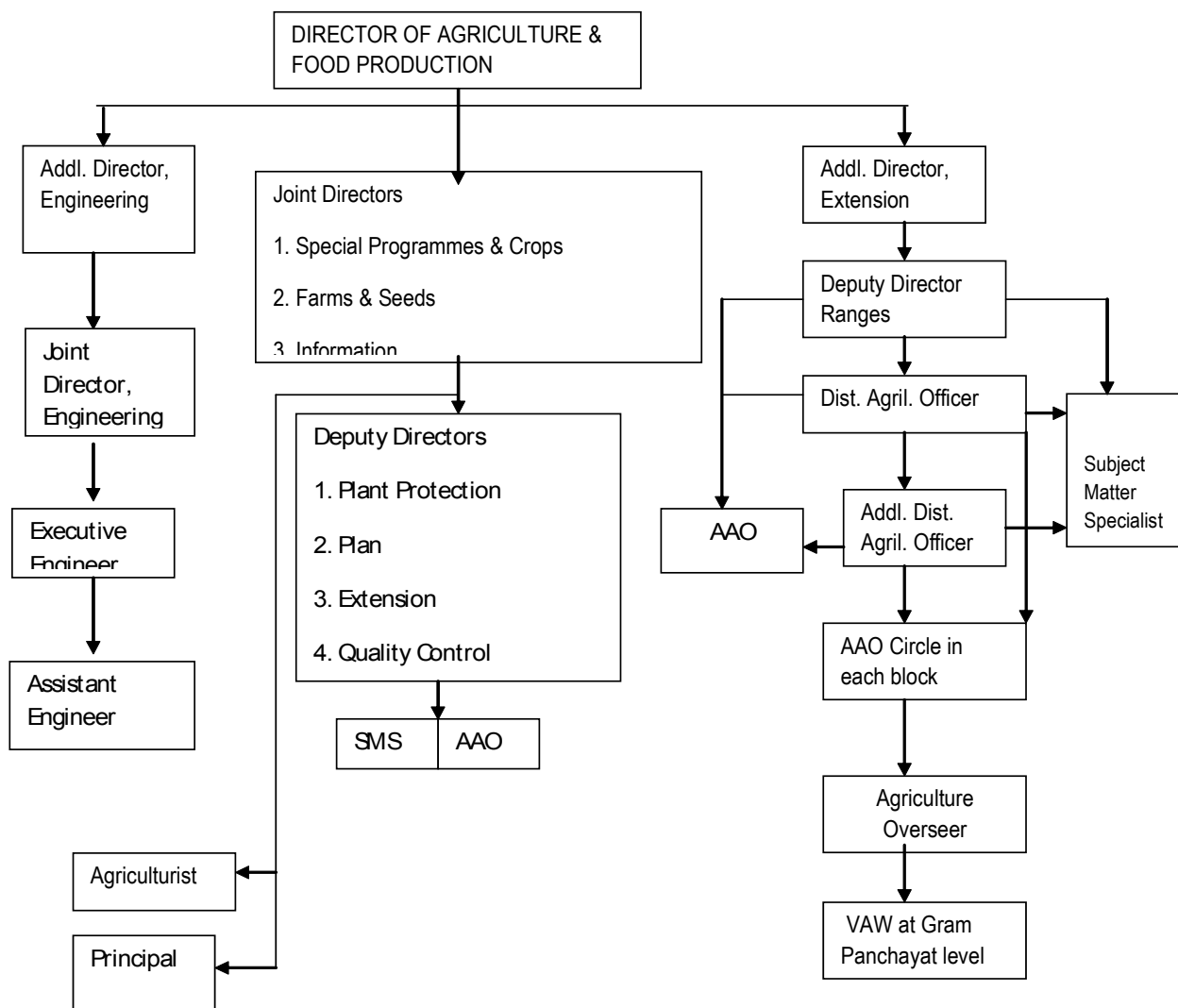
District Office: - Deputy Director of Agriculture at each district head quarters & District Agriculture Offices at sub-division level. The detail list of contact persons at various levels is given at **Chapter-6**

Block level- Assistant Agriculture Officer in all 314 blocks

The Directorate runs by the financial allocation of various plan and non-plan schemes of state and central government along with other central government assistance and grand-in-aid. The detail list of the various farmers' beneficial programmes/ schemes has been elaborated in Chapter-3.

The salary, traveling allowances and other miscellaneous expenditure of the entire staff of the Directorate is mostly met out from the non-plan schemes of the state government.

1.4. ORGANOGRAM OF THE DIRECTORATE



VISION OF THE DIRECTORATE

To rejuvenate the farm sector with Techo-managerial advancements to enhance the Productivity, Profitability & Sustainability of the major farming systems in different Agro-climatic regions, thereby attracting and retaining educated youth in farming and substantially improving the livelihood of the farmers of the state.

CHAPTER- 2

2.1. SEED DISTRIBUTION:

Seed is a critical input for agriculture production, on which performance and efficiency of other inputs depend. The seed characteristics such as good germination, high seedling vigour and genetic purity are as important as other inputs such as fertilizer, irrigation and plant protection etc.. It is established that use of improved quality seed alone can increase yield up to 18%. Thus timely availability of quality seeds suitable for different agro climatic conditions in adequate quantities and at affordable price is vital for augmenting production and productivity.

There are two Departmental sale centres in each Block where the quality seeds are distributed to the farmers. In addition to it, the private seed dealers have also been appointed in order to provide quality seeds at the door step of the farmers. The seeds are supplied to these sale centers well ahead of the season keeping in view the varieties and crops required by the farmers of those localities. The seed indent is collected by the VAWs/AOs as per the farmers need and the consolidated requirement of the District is prepared at the DDA, Range level and sent to the Directorate for supply. On the basis of the requirement, the variety wise Distribution/ diversion programme of seeds are made at the Directorate level considering the variety wise availability position of seeds with OSSC/Dept. farm/NSC etc. for a particular season. Ultimately, the OSSC Ltd, supplies seeds to the DDAs who in turn supply it to the sale centers.

2. Fixation of Sale rate: The sale rate of different seeds are fixed by a statutory committee i.e. the State Seeds Pricing Committee at Government level. Basing on the procurement price, Minimum Support Price (MSP) and the subsidy component the sale rate is fixed for different seeds.
3. The seed license is provided to the seed dealers to transact seeds throughout the state. The Addl. Director of Agriculture (Extn.) and Joint Director of Agriculture (Farm & Seeds) are the licensing authority at the state level.
4. Any complaint received from the field regarding distribution of seeds are taken care of by enquiring in to the matter
5. The compliance to the Consumer Dispute case arising due to seed distribution is also taken care of.
6. The Seed distribution is monitored through maintenance of daily position of supply and sale of seeds.

2.2. SEED VILLAGE SCHEME:

Despite implementation of the organized seed programme since the mid 60s, the seed replacement rate has only reached the level of 15% and 85% of the seeds used are farm saved. It is, therefore, necessary to improve the stock of farm saved seeds for enhancing crop production/ productivity. For this, seed production, seed distribution and other connected aspects will have to be improved and strengthened at different levels, especially at the farmer's level. To upgrade the quality of farmer-saved seed which is about 80-85% of the total seeds used for crop production programme, there is a provision of financial assistance for distribution of foundation/ certified seed at 50% cost of the seed and also for training on seed production and transfer of technology to the farmers.

Approach:

1. Minimum 50 numbers of responding/ willing farmers for same crop are identified preferably in compact area/ cluster approach.
2. The number of farmers may be more than 50 also subject to a maximum of 150.
3. The crop varieties normally grown in the seed villages are decided in consultation with the farmers, preferably the same crop for all the farmers.
4. The foundation/ certified seeds is supplied at 50% cost to the already identified farmers. The seeds for half an acre per farmer are allowed.
5. Training on seed production and seed technology to farmers are imparted. The duration of the training is of three days out of which the first one-day training is given to farmers at the time of sowing of seed crop. The second one-day training is organized during flower initiations stage of the seed crop. The third day training is organized after harvest and at the time of seed processing to impart knowledge on seed cleaning, seed grading, seed treating, seed storage, seed packaging aspects etc.

Statement of expenditure of training of farmers on seed production

Sl No.	Items	Amount (Rs.)
1	For 100 participants expenditure towards refreshment for 3 days @ Rs.25/- per day per participant(100X3X25)	7500
2.	Stationery/publicity material supplied in local languages	1500
3.	Lump sum management charges for implementing agency	4500
4.	Honorarium to resource person @ Rs 300/- per day for 3 days	900
5.	Other contingency charges	600
	Total	15,000

The seed village programmes executed by the OSSC Ltd. are also monitored by this Directorate.

In addition to the above the indent on Breeder seeds of different crops for the state are submitted to Government of India .The newly varieties evolved by the Breeders are sent to Government of India for release after duly recommended by the State Seeds Sub- Committee.

Contact person:- (A)-State level- Joint Director of Agriculture (F&S)-
Ph-0674-2323367
(B) Range level- DDA Ranges
(C) Orissa State Seeds Corporation-Ph-0674-2340573

2.3. CALAMITY RELIEF FUND (CRF)

Input assistance is provided to the affected farmers out of Calamity Relief Fund (CRF) to compensate their crop loss due to Calamities like Flood, Cyclone, Drought, Avalanches, Cloud burst, Earth quake, Tsunami, Fire, Hail storm, Land slides and epidemic Pest attack. Farmers sustaining crop loss of 50% and more are entitled to get input subsidy as per CRF norms applicable from time to time. Village is the unit for assessment of crop loss i.e, if 50% of the area under the crop in a village has sustained 50% or more loss, then the entire area under the crop in that village shall be eligible for subsidy. Entitlement of individual farmer shall be calculated @ Rs 2000/- per Ha. for un-irrigated land & Rs 4000/- per Ha. for irrigated land. The minimum entitlement of a farmer shall not be less than Rs 250/- .Assistance may be provided for farmers other than small & marginal farmers, where the crop loss is 50% and above subject to a ceiling of 1 Ha per farmer and up to 2 Ha per farmer in case of successive calamities.

An affected farmer may contact the local officials of Agriculture Department at Block level Like VAW /A. O. / Asst. Agril Officer for the purpose.

Contact person:- (A)-State level- Joint Director of Agriculture (F&S)-
Ph-0674-2323367
ADA-II- Ph-0674-2323393
(B)- District level-DDAs / DAOs

2.4. FERTILISER AND ITS MONITORING SYSTEM:

Basing on the previous years consumption of fertiliser in the State, district wise requirement is prepared and sent to Government of India for allocation for the state. The Chemical and Fertiliser Department of Government of India Communicate the company wise monthly allocation of different fertilizers. Basing on the Govt. of India allocation the manufacturers supply different fertilizers to different districts of the State through their private dealer networks as well as OAIC & OSCMF etc.

Joint Quality Control Inspector at range level, AAOs at block level are declared as fertiliser

inspectors. They collect fertiliser samples from the sale points and forward to the fertiliser testing laboratories for testing the quality of the product. Further they are also involved in the enforcement work (as per F.C.O-1985) as and when required in order to avoid black marketing. There are two fertiliser testing laboratories, one at Bhubaneswar and another at Sambalpur for the purpose.

Institutional agencies, as well as manufacturers/ Pool Handling Agencies (PHA) are provided with Fertiliser Registration Certificate (FRC) at the Directorate level. D.A.Os are declared as fertiliser licensing authority at the District level. They issue license to wholesalers as well as retail dealers to carry out fertiliser transaction in their area of operation.

To obtain F.R.C from this Directorate by the manufacturers and PHAs the following steps are being followed——

- i) One has to apply in Form “A” along with source certificate in Form “O” and other documents like non conviction certificate, authorized letter by the manufacturer, analysis report of the product, project report (for manufacturer only), Go-down list in duplicate, VAT Clearance Certificate (TIN number), Deed agreement with the house owner, FRC copy of other state if available, clearance report from Pollution Control Board (for manufacture only), (Govt. dues in proper Head of Account through Treasury Challan.)
- ii) The above documents should be submitted to D.D.A.(Extension) of the Directorate. On receipt of the same the go-down of the concern applicant is to be verified by a responsible officer. After verification of go-down the Treasury Challan is to be approved by the Registering Authority for deposit of Government dues (i.e Rs.2250/- for complex fertiliser, organic and bio fertiliser and Rs.1000/- for Micro nutrient combinations). Then F.R.C is to be issued in favour of concern farm which is valid for 3 years unless suspended or cancelled by the Registering Authority.

At present there are 8607 numbers of sale points including institutional agencies for smooth distribution of the fertilizer to the farmers of the State.

The report regarding black marketing, deterioration in quality and smuggling of fertilisers is received by the D.D.A. (Quality Control) from different districts is properly enquired by responsible officers and action deemed fit is taken in this regard.

Contact person: - (A)-State level- i) Joint Director of Agriculture (SP &C)-

Ph-0674-2323366

ii) Deputy Director of Agriculture (Extn.) Ph-0674-2323372

iii) Deputy Director of Agriculture (QC) Ph-0674-2323372

(B) District level-DDAs / DAOs

2.5. PLANT PROTECTION:

Plant Protection is a major aspect of crop production. Some of the key activities are summarized below.

- ◆ Enforcement and quality control on Plant Protection Pesticides
- ◆ Issue of Pesticide Manufacturing License after thorough inspection as per CIB norm
- ◆ Issue of Fumigation and Commercial Pest control operation license on recommendation by GOI
- ◆ Price Fixation of Pesticides required under various schemes and as per recommendation of the OUAT Experts.
- ◆ Monitoring the regular pest and crop weather situation in weekly basis and reporting to the Govt.
- ◆ Monitoring the emergent pest situations and epidemic conditions through deputing the OUAT scientists, KVK personnel, head quarter officers and district level officers by conducting group discussions with the farmers and supply of pesticides for immediate control of the pest either through mass spraying operation or through farmers participation.
- ◆ Monitoring the disbursement and utilization of the Calamity Relief Funds related plant protection.
- ◆ Conducting FFS on IPM to aware farmers on IPM components and use of eco-friendly pesticides for crop protection.
- ◆ Publication of monthly Plant Protection Message which is circulated to farmers by ATMA.
- ◆ Wide publication on control measures of various pests causing epidemic situation, 100 % seed treatment campaign, campaign against spurious pesticides through printing and distributing leaflets, posters and pamphlets.
- ◆ Biological control of crop pests – Bio-agents like Trichogramma egg parasites, Bracon larval parasites, Chrysoperla predators are mass reared and supplied to the farmers for field release, so that there is conservation and augmentation of natural enemies of the pests in the field. Bio fungicides are also produced on trial basis. There are eight nos of Bio-control field stations operating at Bhubaneswar, Tangi, Nayagarh, Berhampur, Jagatsingpur, Balasore, Baripada and Sundergarh.
- ◆ Production of Bio-fertilizer – Bio-fertilizers like Rhizobium, Phosphobacter, Azotobacter & Azospirillum cultures are produced at Bacterial Inoculation Laboratory, Sahid Nagar. Annually 20 MT of biofertilizers is produced and supplied to the farmers at subsidized rate under ISOPOM, NFSM schemes etc.

Contact persons:

State level- Deputy Director of Agriculture (Plant Protection), Bermunda, Bhubaneswar. Phone No-0674-2562799

AGRICULTURE INFORMATION SERVICE

Introduction:

This is the era of Information Technology. The efficiency of an organisation solely depends on its quick dissemination of information within its functional network. As Agricultural practices are subjected to multitude of variations, persistent research decides its success. The findings should be transformed to its simplicity for adoption of the technology by the farmers. Therefore effective extension plays a vital role which serves a linkage between labs to land. Caps with this main objective of technology dissemination the JDA (Information) has been functioning since 1953 in the DA & FP, Orissa for supplementing the agricultural development in the state.

Aim and objective:

The goal of maximising productivity of the state can only be achieved through adoption of scientifically evolved technology by the farmers in crop husbandry. The main objective of information wing is to cater to the needs of Agricultural Extension machinery functioning at the field levels. It aims at strengthening the Extension system for transfer of technology.

Specific jobs:

Though a lot of devices have been developed to serve as the learning media the printing media still is considered to be a potential means of imparting education for skill upgradation of the people. Therefore the information wing is preparing the printing materials that serve as referral for the farmers. It also monitors the electronic media, All India Radio and other print media for effective transfer of Agricultural technology to the farmers the ultimate clientele of the system. The information wing organizes State Level Krushak Divas, Annual Adivasi Exhibition in the State Level & Participate in the India International Trade Fair (I I T F) at New Delhi etc. To make our farmers acquainted with the agricultural practices adopted by Fellow Farmers in other state, exposure visit programmes are being organised by this wing in various schemes. The Kisan Call Centre is operating in the wing constantly meeting queries of the farmers and providing pertinent information for successful farming.

Activities:

Mass Media Information: Mass media in Agricultural Extension plays an important role. State Mass media monitoring committee headed by the Agriculture Production Commissioner which

has started functioning from June 2005 is guiding activities of the different mass media for their effectiveness. JDA (Information) coordinates the programme.

The prime agro-based programme KRUSHI DARSHAN & PALLISHREE telecast by Doordarshan a potential source of knowledge for the viewers of the farming communities. The information wing prepares the list of resource persons and coordinates with the Doordarshan for effective telecasting of programmes as per the need of the farmers. It ensures the involvement of experts from Agriculture department, progressive farmers through discussion, crop seminars, answers to the letters of viewers & Prasna Mancha etc. The information wing supports the activities of All India Radio in broadcasting agrobased programmes. Like Krushi Sansar, Palli Manch on daily basis. In the morning Krushi Soochna regarding package of practices, plant protection measures and other day to day farm information are given to all categories of farmers. Information wing is providing technical support to AIR helping to produce and broadcast various programmes. The weekly Krushi Soochna including package of practices of various crops, contingent measures at the time of natural calamities are prepared by the Information wing in consultation with the Agromet section OUAT and fed to AIR, Doordarshan and I & P R Department for wide publicity.

Information Wing is publishing various IEC materials like posters, Booklets, Leaflets & Folders on different production technology of major crops for distribution among the farmers in awareness campaigns, meetings and trainings. Production technology manuals and Bi-monthly Agriculture Magazine the Krushi Soochna are being published to upgrade the skill of the extension personnel.

The Krushak Sampark Melas or Block Level Awareness campaigns are being organized in all the 314 Blocks of the State for which this wing provides IEC materials. To wider the horizon of out look of farmers the farmers exposure visit to outside the state are also organized under various schemes. The State Level Krushak Divas on the day of Akshay Trutiya is being organized every year. The State Agricultural Exhibition, Annual Adivasi Exhibition on 26th January, demonstration of Tableaux Republic Day Parade in state capital, India International Trade Fair on 14th November at Pragati Maidan , New Delhi are being organized every year to highlight the departmental activities of the State.

Steps are being taken to connect all the districts with State head quarters through AGRISNET. A farmer Helpdesk is going to operate in the Information Wing to establish linkage with farmers

through internet. The Joint Director of Agriculture (Information) acts as Nodal Officer to coordinate the development of the project.

Kisan Call Centre :

The Kisan Call Centre (Level-II) is operating in the office of the JDA (Information) with contact telephone No.1551 (Toll Free) & 0674-2396602. Since 21st January, 2004 it meets the queries of farmers.

Service for the Farmers/ Citizens:

- 1) It helps to upgrade the knowledge level of the farmers by the booklets, posters, leaflets & folders etc.
- 2) It monitors the mass media for effective communication of the Agricultural Technology to the farmers.
- 3) It creates awareness among the farmers by organizing state level exhibitions, melas & farmers felicitation programmes, trainings and meetings in State Level to block Levels.
- 4) It organizes farmers exposure visit programme to outside the state to be aware of the modern technology followed in other states.
- 5) It meets the queries and solves the field problems of the Farmers by providing service through Kisan Call Centre.
- 6) At the time of natural calamities, information on contingent measures are immediately release through supply of posters and using the electronics media in the form of jingles & scrolls etc.

Contact persons:

State level- Joint Director of Agriculture (Information),
Bhubaneswar. Phone No-0674-2391683

CHAPTER- 3

3.1. IMPORTANT SCHEMES :(A Brief Note)

Depending on the funding pattern following schemes are being operated in the Directorate.

- ◆ STATE PLAN SCHEMES
- ◆ CENTRALLY SPONSORED PLAN SCHEMES
- ◆ CENTRAL PLAN SCHEMES
- ◆ SPECIAL PROG. FOR KBK DISTRICTS
- ◆ *SPECIAL SCHEMES*
 - RASHTRIYA KRISHI VIKAS YOJANA (RKVY)
 - NATIONAL FOOD SECURITY MISSION (NFSM)

STATE PLAN SCHEMES:

Funding is 100 % by the State

- ◆ Jalanidhi
- ◆ Input Subsidy
- ◆ Strengthening of Infrastructure Development for Training/ Research Centre/ Laboratories/ Implement Factory
- ◆ Agriculture Policy
- ◆ Popularisation of agriculture implements & equipments
- ◆ Management of Acid Soils
- ◆ Refresher Training for Extension Functionaries
- ◆ Equipment & Inputs for Farm Management Including Adaptive Trials.

CENTRALLY SPONSORED PLAN SCHEMES:

- ◆ WORK PLAN (Macro Management Mode) - Funding is 90 % by the central government and 10% by the state government.
 - ◆ Rice Development
 - ◆ Sugarcane Development
 - ◆ Ragi Development
 - ◆ Farm Mechanisation
 - ◆ Balanced & Integrated Use of Fertilizer

- Intensive Cotton Development Programme (MM-II) - Funding is 75 % by the central government and 25 % by the state government.
- Jute Technology Mission (MM-II) - Funding is 90 % by the central government and 10% by the state government.
- Integrated Scheme for Oilseeds, Pulses, Oilpalm and Maize (ISOPOM) - Funding is 75 % by the central government and 25 % by the state government.
- Maize Development
- Pulses Development
- Oilseed Development
- Support to State Extension Reforms (ATMA) - Funding is 90 % by the central government and 10% by the state government.
- Micro Irrigation
- National Project on Management of Soil Health and Fertility

CENTRAL PLAN SCHEMES:

Funding is 100 % by the Central Govt.

- Promotion and Strengthening of Agriculture Mechanisation through training, testing and Demonstration
- AGRISNET Project
- Development and strengthening of infrastructure for production and distribution of quality seeds.
- National Project on Promotion of Organic Farming
- Strengthening and Modernisation of Pest Management
- National Project on Fertilizer Quality Control
- Capacity Building to Enhance Competitiveness in Agriculture
- Post Harvest Technology & Management

SPECIAL PROGRAMME FOR KBK DISTRICTS:

Funding is 100 % by the Central Govt. (Additional Central Assistance)

SPECIAL SCHEMES

- NATIONAL FOOD SECURITY MISSION
Funding is 100 % by the Central Govt.
- NFSM (Rice)

- NFSM (Pulses)
- Rashtriya Krishi Vikas Yojana (RKVY)
Funding Pattern is 100 % by the Central Govt.

3.1.1. PLAN SCHEMES BEING IMPLEMENTED IN THE STATE

STATE PLAN SCHEMES:

JALANIDHI

One of the main opportunities to increase the productivity is provision of assured irrigation facilities. Keeping this in view, State Government has been providing assistance under RIDF for sinking of Shallow Tube Wells(STW), Bore Wells(BW) and for establishment of Dug Wells and River Lift Projects in a massive way with provision of subsidy up to 50% limited to Rs. 20,000/- in case of STWs and up to 50% limited to Rs. 50,000/- for bore wells, 50% limited to Rs.50,000/- for Dug Wells and 50% limited to Rs. 40,000/- for River Lift projects under the aegis of State Agriculture Policy -2008.

AGRICULTURE POLICY

Agricultural Policy Resolution of the state emphasizes setting up of commercial agri-enterprises. One of the prime objective of it is to provide Capital Investment Subsidy to Agro-entrepreneurs to a tune of 25% of the fixed capital (excluding the cost of land) limited to Rs. 25.00 lakh (33% limited to Rs. 25.00 lakh for SC/ST/Women/Graduates of Agriculture & Allied disciplines).

STRENGTHENING OF INFRASTRUCTURE DEVELOPMENT FOR TRAINING/ RESEARCH CENTRE/ LABORATORIES/ IMPLEMENT FACTORY.

The Directorate of Agriculture has 3 Regional Institutes for Training on Extension (RITE), 11 Soil Testing Laboratories, 13 Adaptive Research Stations/ Laboratories. Besides, two more Soil Testing Laboratories are being established for enhancing the soil testing capacity by another 20,000 Samples to the already existing 1,20,000 samples *per annum*. RITEs engage themselves in imparting intensive training to farmers, agri-entrepreneurs and the Extension functionaries, while Adaptive Research Stations are engaged for multi-location trials and evolving location specific technologies. The various Laboratories (Soil/ Fertilizer/Bio-control/Pesticide/ Seed Testing) look after quality control and soil testing aspects. Besides they also take up some development work in the field of agriculture to a limited extent. The implement factory designs, tests and produces different agricultural implements/ machinery. Under the scheme the infrastructure facilities of these institutions are strengthened.

POPULARISATION OF AGRICULTURE IMPLEMENTS & MACHINERIES

This scheme is being implemented from 2007-08 with the aim to enhance farm mechanization among the resource poor farmers providing assistance in form of subsidy on purchase of agriculture implements and machineries.

MANAGEMENT OF ACID SOILS

There are about 13 lakh hectares of acidic soils that impede crop production and productivity at large. These need to be treated with Lime/ Paper Mill Sludge (PMS) as corrective measure & enhancing soil health. The scheme is being implemented from 2007-08 with objective of ameliorating the problematic acidic soils in the state.

REFRESHER TRAINING FOR EXTENSION FUNCTIONARIES

This scheme is being implemented in the state from 2007-08 with the objective of upgrading the knowledge and skill of the Agriculture Extension Functionaries working at various levels actively engaged in transfer of technology from lab to land.

INPUT SUBSIDY

Natural calamities are a common feature in the State. Agricultural crops suffer very badly because of natural calamities and consequential crop Pest/ Diseases problems. To ameliorate the sufferings of farmers in case of severe form of natural calamities or pests and disease incidence, it is proposed to provide subsidized inputs to farmers in the form of seeds, fertilisers, pesticides and plant protection equipments and mostly to meet the seed subsidy.

EQUIPMENT & INPUTS FOR FARM MANAGEMENT INCLUDING ADAPTIVE TRIALS.

The Directorate of Agriculture has 62 farms, which are engaged in adaptive trials of new varieties besides production of foundation and certified seeds of desired varieties. In order to improve the capacity of the farms new equipments and better inputs are required especially for taking up of adaptive trials of newly released varieties. The farm expenses now are mostly met through non-Plan scheme.

CENTRALLY SPONSORED PLAN SCHEMES

The Centrally Sponsored Plan Schemes being implemented/ to be implemented have been enumerated below:-

WORKPLAN

The scheme was implemented for the first time in the state of Orissa during 2001-02. The funding pattern of the scheme is 10:90 between State and Centre. Macro Management mode of Work plan includes sub-schemes for Rice Development, Sugarcane Development, Ragi Development, Agriculture Mechanisation and Balance & Integrated use of Fertiliser. However, the scheme “Balance & Integrated use of Fertiliser “will be subsumed in the centrally sponsored Scheme from 2009-10 “National Project for Management of Soil Health and Fertility”.

The objective of the Work Plan scheme is to provide assistance for Technology up-gradation through provision of adequate demonstration in farmer’s field, training to farmers as well as to extension officials, exposure visit for farmers, increase in seed replacement ratio (SRR) through providing incentive on certified seed production and distribution, Agriculture Mechanization,

distribution of IEC materials etc for increased crop production and productivity in the State. The scheme has delivered tangible improvement in crop production and productivity.

IMPLEMENTATION OF INTEGRATED SCHEME OF OILSEED, PULSES, OIL PALM & MAIZE (ISOPOM).

Integrated Scheme of Oilseed, Pulses, Oil palm and Maize is being implemented with assistance for infrastructure development, 100% assistance on publicity and distribution of minikits and 75:25 sharing pattern (Centre & State) on other components.

ISOPOM (Oilseeds)

This scheme is being implemented in the State since 1994-95 with an objective of increasing production and productivity of major Oilseeds. Under it assistance is provided on production and distribution of quality seeds, block demonstration, IPM demonstration (FFS), farmers training, PP equipments, PP chemicals, weedicides, farm implements, exposure visit, supply of micronutrients, vermi compost, sprinkler set, gypsum and bacterial inoculants etc. The achievements due to all these interventions have resulted in an increase in oilseeds production and productivity in the state.

ISOPOM (Pulses)

Pulse Development Programme is being implemented in the State with the objective of increasing the production and productivity of Pulses in the State. Assistance is provided on production of breeder seeds, foundation seeds, certified seeds, incentive on seed distribution, PP equipments, PP chemicals, block demonstration, IPM demonstration, rhizobium culture, gypsum, farmers training and sprinklers.

ISOPOM (Maize)

This scheme is being implemented in the State to increase the production and productivity of maize mostly in tribal districts. Demonstrations, seed distribution, IPM demonstration, farmer's training are the major components of the scheme.

INTENSIVE COTTON DEVELOPMENT PROGRAM (ICDP-COTTON)

Cotton has been earmarked as the main commercial crop for economic development of farmers in Western and Southern districts of the State. The scheme is in operation in accordance with the guidelines laid by Technology Mission on Cotton, Govt. of India. To ensure higher production, productivity and better staple length in Cotton, ICDP is being implemented with 25:75 sharing between State and Central Government. The production and productivity of cotton fiber has seen an increasing trend during the tenth plan period due to the assistance provided to farmers under this scheme and needs to continue to provide assistance on field demonstration (FFS), farmer's training, IPM demonstration, Surveillance of pest & diseases, seed treatment, pheromone trap, supply of bio-agent & bio pesticides, supply of sprayers, Training of Facilitators, sprinkler sets and media support etc.

JUTE TECHNOLOGY MISSION (MINI MISSION-II)

This scheme is being implemented in the name of Jute Technology Mission (Mini Mission-II) under Central Sector Plan Schemes since 2007-08. The objective of the scheme is to encourage farmers to take up jute & mesta in more areas by making them capable of producing quality fiber and ensuring remunerative price for their produce with suitable technological interventions like organising FFS, Demonstrations, farmers' exposure visits, training, providing assistance for inputs, retting tank etc. and incentives for seed production. The assistance provided to Jute & Mesta farmers under the scheme has brought an increase in production and productivity of Jute & Mesta fiber and would continue.

MICRO IRRIGATION

The Scheme is being implemented with the funding pattern of 30:40:30 between State, Center and the beneficiary. The objective of the scheme is to enhance the water use efficiency of irrigation water especially in water scarce regions & seasons of the state through providing assistance for drip and sprinkler irrigation system.

SUPPORT TO STATE EXTENSION PROGRAMME FOR EXTENSION REFORMS

The scheme is being implemented in all the districts of the State with IMAGE as a State Agricultural Management and Extension Training Institute (SAMETI) to cater to the HRD needs of ATMA districts by facilitating preparation of Strategic Research and Extension Plan (SREP), conducting Techno Managerial Training at District level and other trainings, disseminating farm information by organising District level exhibitions and distribution of printed leaflets and such other activities. The scheme previously a central plan scheme is being dealt under Centrally Sponsored Plan scheme from 2007-08 with a funding pattern of 90:10 between Center and the State.

NATIONAL PROJECT ON MANAGEMENT OF SOIL HEALTH AND FERTILITY

This recently launched scheme is being implemented with the objective of popularizing sustainable soil management practices to upkeep the soil health and productivity inflicting minimum damage to the soil health and environment at large.

CENTRAL PLAN SCHEMES

The following Central Plan Schemes are being implemented in the State with 100% Central Government assistance. Besides other schemes as envisaged from time to time by the Central Govt. are also implemented.

PROMOTION AND STRENGTHENING OF AGRICULTURE MECHANISATION THROUGH TRAINING, TESTING AND DEMONSTRATION.

The objective of the scheme is to produce proto type of industrial design of Agril. Implements and their trials besides making them popular among farmers by imparting training on use and maintenance besides conducting demonstrations.

AGRISNET Project

The objective of the scheme is to provide improved service to the farming community through use of Information Communication Tools (ICT). It is implemented with 100% Govt. of India Assistance.

DEVELOPMENT AND STRENGTHENING OF INFRASTRUCTURE FOR PRODUCTION AND DISTRIBUTION OF QUALITY SEEDS.

This scheme has been introduced in the year 2005-06 and being implemented with 100% central assistance with the objective of increasing the seed replacement rate by producing quality seeds in the state in more areas through providing financial assistance to cultivators/seed growers towards seed cost, storage bin and training etc.

NATIONAL PROJECT ON PROMOTION OF ORGANIC FARMING

This scheme has been launched in the year 2004-05 and being implemented with 100 % assistance from Central Government with the objective of establishing Model organic farms, vermi-hatchery besides conducting field demonstrations, training and bio-gas slurry preparation etc for sustainable crop production.

STRENGTHENING AND MODERNISATION OF PEST MANAGEMENT

This is a new scheme. The objective in the scheme will be to modernize Bio-control Laboratories for rearing and production of bio-agents besides upgrading the State Pesticide Testing laboratory in order to look in to the quality control of pesticides in the state and other aspects of pest management to make it more eco-friendly.

NATIONAL PROJECT ON FERTILIZER QUALITY CONTROL

This is a new scheme under central plan being implemented from 2007-08. The objective of the scheme is to strengthen and develop the infrastructure facilities for fertilizer testing to ensure supply of good quality of fertilizer to the farmers.

CAPACITY BUILDING TO ENHANCE COMPETITIVENESS IN AGRICULTURE

This is a new scheme. The scheme has the objective of encouraging capacity building of the agri-entrepreneurs for competing with their fellow entrepreneurs elsewhere in the world by felicitation of agri-entrepreneurs/ agricultural experts etc for their distinguished contribution to the field of agriculture.

POST HARVEST TECHNOLOGY & MANAGEMENT

The Scheme is being implemented since 2007-08 with the objective of reducing post harvest losses and educating farmers on quality management and value addition of agriculture produce. Under the scheme 311 nos. of farm machineries are being popularized and demonstrations on Integrated Rubber Roller Sheller & Mustard Oil Expeller are being conducted.

SPECIAL PROGRAMME FOR KBK DISTRICTS

The scheme is being implemented in KBK districts with Additional Central Assistance for bringing in development in these less developed areas which includes the following schemes; Biofertilizer and Vermicompost in watershed areas, Strengthening of Soil Testing Laboratory, Diversification of Agricultural crops in watershed areas, Increasing Seed Replacement Ratio in HYV paddy in Watershed areas, Self employment through farm mechanization and agriculture in water shed areas.

NATIONAL FOOD SECURITY MISSION (NFSM):

The scheme is being implemented from 2007-08 as a Central Sector Scheme with 100 % Central Assistance with an objective to enhance production and productivity of Rice and Pulse crops in selected districts of the state in Mission Mode.

RASHTRIYA KHISHI VIKAS YOJANA (RKVY):

RKVY was launched in the country in the year 2007-08 with the objective of achieving 4 % growth in agriculture. Various developmental programmes under RKVY are being implemented in project mode to suit the regional priorities. The Projects under RKVY are being implemented as State Plan schemes with 100 % Central Assistance from 2007-08. Different developmental activities have been under taken during 2007-08 and 2008-09.

3.2. DETAIL INFORMATION ON SOME IMPORTANT SCHEMES AND POGRAMMES:**3.2.1. MACRO MANAGEMENT IN AGRICULTURE (WORKPLAN)****A-RICE DEVELOPMENT.**

Rice as the main food crop of the state is cultivated over an area of about 45 lakh ha. With production of 77 lakh tonnes. The Kharif paddy is cultivated over an area of 42 lakh hectares, which consists of 10 lakh hectares of high land, 16 lakh hectares of medium land and 16 lakh hectares of low land. Only 36% of Kharif paddy area is under irrigation. The area under Rabi is 3 lakh hectares, which are all irrigated and covered under High Yielding Varieties. The yield of rice is qtl.17 .00 /ha as against national average of qtl.21.00/ha. The year 2007-08 recorded an increase of productivity of qtl.1.54 /ha over the previous year.

Emphasis is given through Centrally Sponsored Plan Scheme (MMA) in order to promote improved package of practices of Paddy through Demonstration & Training, provide incentive to promote growing certified paddy seeds, subsidy on use of certified paddy seeds, use of green manure, mixed cropping etc. Similarly System of Rice intensification (SRI) is promoted through Demonstration & Training under Rashtriya Krishi Vikas Yojana, a State Plan scheme.

Citizen Charter

Sub Plan	Provision for paddy growers
Farmer to farmer Demonstration of SRI method in Hybrid/HYV Rice	Rs 3000/- per 0.4 ha demonstration towards cost of critical inputs and implements.
Mixed Cropping Demonstration on Rice Based Cropping pattern	Rs 3000/- per 0.4 ha demonstration towards cost of critical inputs and implements.
Subsidy on Distribution of Certified Paddy Seeds.	Subsidy @ Rs 500/- per Qtl.
Incentive on Production of Certified Paddy Seeds.	Incentive @ Rs 100/- per Qtl.
Subsidy on Distribution of Green Manure Seeds.	Subsidy @ Rs 200/- per Qtl. Of Dhanicha seeds.
Special Training to advanced paddy grower of the state through Farmers Field School.	Provision of Rs 17000/- for training of 40 Paddy cultivators through Farmers Field School.
Exposure Visit Programme of the paddy growers of the state to other states to acquire knowledge about the improved paddy cultivation.	Provision of Rs 3000/- per farmer.
Exposure Visit Programme of the paddy growers of the state to other states to acquire knowledge about the improved paddy cultivation.	Provision of Rs 1250/- per farmer.
Preparation of Information, Extension Communication materials to provide knowledge to farmers of the state about improved method of cultivation on different crops	Provision of Rs 15.00 lakh
One Krushak Sampark Mela is organized at each block to make the farmers aware about Govt. sponsored schemes in agriculture & allied sector.	Rs 30,000/- per Krushak Sampark Mela.
Celebration of Krushak Divas at each Agricultural District level on the occasion of Akshya Trutiya. The beginning of the cropping year.	Rs 7500/- per each Agricultural district.
District mahostav at each Revenue District to organize exhibition on Agriculture.	Rs 10, 000/- per Revenue District.

The Contact Persons:

Level	Contact Persons
State	Joint Director of Agriculture (S.P &C), Ph-0674-2323366 Agronomist (Rice), Ph-0674-2323369
Range	All Deputy Directors of Agriculture.
District/ Subdivision	All District Agriculture Officers & Additional District Agriculture Officers
Block	All Assistant Agriculture Officers
Gram Panchayat	All Agriculture Overseers and Village Agriculture Workers.

3.2.1. B-Sugarcane Development-2008-09

The area under sugarcane is about 40,000Hectares. There are six sugar mills operating in the State and crushing about six lakh Mts of sugarcane. The average sugar production of the state is around 50,000Mts.

Sugarcane development Non Plan and Sugarcane development Work Plan under Centrally sponsored plan are being in operation in the State. These two schemes are launched for increasing area under sugarcane, production, productivity and to meet the raw material (crushable cane) demand of the existing sugar mills. Different assistance and incentives are given to the growers under the above schemes are given as follows.

Sl. No	State Non plan/ Centrally sponsored plan	Schemes	Component	Incentives/Assistance Given to the cane growers
1	State Non plan	Sugarcane development	Adoptive trial cum Seed Multiplication of New varieties	Supply of quality seed cane of new varieties to the farmers at approved Govt. rate
2	Centrally sponsored plan	Sugarcane development Work plan	Farmer's field School	Training to 25cane growers @Rs15000/- per F.F.S
3	Centrally sponsored plan	Sugarcane development Work plan	Ratoon management demonstration	Input assistance worth of Rs3500/- perAcre
4	Centrally sponsored plan	Sugarcane development Work plan	Pit method demonstration	Input assistance worth of Rs7500/- per1.25Acre
5	Centrally sponsored plan	Sugarcane development Work plan	Inter cropping demonstration	Input assistance worth of Rs500/- per0.50Acre
6	Centrally sponsored plan	Sugarcane development Work plan	Incentives to Seed cane growers	Incentive @ Rs800/- Acre through Sugar factories of the State
7	Centrally sponsored plan	Sugarcane development Work plan	Subsidy on quality seed cane for commercial cultivation	Subsidy @ Rs400/- per acre through sugar factories/Department
8	Centrally sponsored plan	Sugarcane development Work plan	Farmers Exposure Visit(Inside State)	Travel expenses @ Rs1250/- per participating cane growers
9	Centrally sponsored plan	Sugarcane development Work plan	Farmers Exposure Visit(Out side State)	Travel expenses @ Rs3000/- per participating cane growers

Contact Persons:

Sl.No	Level	Contact persons with address
1	State	Agronomist(sugarcane) ,O/o Director of Agriculture and Food Production, Orissa, Bhubaneswar,Ph-0674-2323408
2	District	All Deputy Directors of Agriculture
3	Subdivision	All District /Additional Agriculture Officers
4	Block	All Assistant Agriculture Officers
5	Grampanchayat	All Agriculture Overseers/Village Agricultural workers
6	Special	Entomologist,Sugarcane,Banki-Ph-06723-240323, Project Officer Sugarcane, Nayagarah-Ph-06753-252071, Sugar cane development officer,Baragarah, Factories:- 1.Shakthi Sugars,Haripur,Dhenkanal,Ph-06762-224495 2.Nayagarah Sugar Complex,Panipoila,Nayagarah,Ph-06753-252415 3.Bijoya Nanda Co-operative Sugar Mills,Deo Gaon,Bolangir,Ph-06652-234151 4.Baragarh co-operative Sugar mills,Tora,Bargarah,Ph-06646-230771 5.Aska Co-operative Sugar Industries,Nuagaon,Aska,Ph06822-273464 6.Laxmipathi Balaji Sugars and Distilaries, Sunapal, Barambagarah, Barmba Ph-06721-273247

3.2.1. C- Ragi Development

Ragi is an important coarse cereal mostly grown in Koraput, Ganjam, Gajapati, Rayagada districts of the state during Kharif season in unirrigated uplands. It is very nutritive and the staple food of the tribal people of Orissa. It is widely cultivated by the tribals by using the seeds of local varieties. The Productivity of Ragi in the state is 883 Kg/ha.

Ragi Development is a Central Sector Plan Scheme (CSP) under Macro Management for Agriculture Work Plan implemented in the state in funding pattern of 90:10 between centre and state.

The Components taken under Ragi Development scheme with pattern of assistance is as follows.

Sl No	Component	Unit	Rate of assistance in Rs.
1	Demonstration on Improved management of Ragi Cultivation	Ac	500
2	Farmers Field School for Production Technology on Ragi (2 days of training with 1 acre of demonstration patch in each FFS)	No.	8500
3	Inside state exposure visit	No.	1250
4	Outside state exposure visit (30 Persons +2 guide officers)	Batch	96000
5	Distribution of certified seeds	Qtl.	400

CONTACT PERSON

Head Quarter (Directorate Level)

DDA (Pulses) : 0674-2323379

3.2.2. INTEGRATED SCHEME OF OILSEEDS, PULSES, OILPALM AND MAIZE (ISOPOM)

The Technology Mission on Oilseeds, (TMO) was launched in May, 1986 with a view to increase the production and productivity of oilseeds to make the country self reliant in this vital sector. Subsequently Pulses, Maize and Oilpalm were also brought into the ambit of the Technology Mission in 1990, 1992-93 and 1995-96 respectively. In this connection the Department of Agriculture and Co-operation GOI has been implementing the following centrally sponsored schemes under TMOP&M for increasing the production and productivity of the above mentioned crops.

1. Oilseeds Production Programme (OPP)
2. National Pulses Development Programme(NPDP)
3. Accelerated Maize Development Programme(AMDP)
4. Oilpalm Development Programme (OPDP)

To Provide flexibility to the states in implementation of these programme based on regionally differentiated approach ,to promote crop diversification, to provide focused approach to the programmes and in view of the suggestions of the planning commission ,the above four schemes have been modified and merged into one centrally sponsored Integrated Scheme of Oilseeds, Pulses, Oilpalm and Maize (ISOPOM) during 10th Five Year Plan from 2004-05 with funding pattern of 75 :25 between centre and state.

1. ISOPOM (Oilseeds)
2. ISOPOM (Pulses)
3. ISOPOM (Maize)
4. ISOPOM (Oilpalm)

The components under the scheme ISOPOM with the nature of assistance are indicated below.

CONTACT PERSONS

Head Quarter (Directorate Level)
DDA (Pulses) : 0674-2323379
APO (Oilseeds) : 0674-2395647

SUBSIDY/ INCENTIVES UNDER ISOPOM(PULSES)

Sl. No	Component	Unit	Rate of assistance in Rs.
	A. Seed Intervention		
1	Breeder Seeds	Qtl.	Full Cost
2	Foundation Seeds	Qtl.	1000
3	Production of Cert. Seeds	Qtl.	1000
4	Distribution of Certified seeds	Qtl.	50% of cost limited to Rs.1200
5	Distribution of Minikits	Nos.	Free of cost
	B. Technology Transfer		
6	Block Demonstration		
	a) Arhar/Mung/Biri/Cow Pea /Kulthi /Lathyrus	Hact.	2000
	b) Lentil	Hact.	2200
	c)Gram /Field Pea	Hact.	2500
	d) Rajmas	Hact.	3500
7	Farmers Training	Nos.	Rs.15000 per 50 farmers
8	R.culture/ PSB	Hact.	50% of cost limiting to Rs 100
9	Weedicide	Hact.	50% of cost limiting to Rs 500
10	NPV	Hact.	50% of cost limiting to Rs 250
11	IPM Demonstration -cum-FFS in arhar	Nos.	22680
12	P.P.Chemicals	Hact.	50% of cost limiting to Rs 500
13	Supply of Gypsum	Hact.	50% of cost limiting to Rs 750
	C.Farm Mechanisation		
14	P.P.Equipments	Nos.	50% of cost limiting to Rs 800
15	Sprinkler sets	Hact.	50% of cost limiting to Rs 7500
	D.New Initiatives		
16	Supply of Micro-nutrient	Hact.	50% of cost limiting to Rs 500
17	Storage Bins (Qtl.1.10)	No.	50% of cost limiting to Rs300
18	Vermi compost (small unit)	No.	50% of cost limiting to Rs2000

SUBSIDY/ INCENTIVES UNDER ISOPOM (MAIZE)

1	Distribution of Certified Seeds	Qtl.	50% of cost limited to Rs.1200
2	Demonstration of I.P.M. (FFS)	Nos.	22680
3	Block Demonstration	Ha.	4000
4	Farmers Training	Nos.	Rs.15000 per 50 farmers
5	PSB	Ha.	50% of cost limiting to Rs 100
6	Distribution of P.P. Equipment	Nos.	50% of cost limiting to Rs 800
7	Staff and Contingencies.	Rs.	
8	Pipes for carrying water from water sources to the field.	Nos.	15000

SUBSIDY /INCENTIVES UNDER THE SCHEME ISOPOM (OILSEEDS))

Sl No	Component	Unit	Rate of assistance in Rs.
	A. Seed Intervention		
1	Breeder Seeds	Qtl.	Full Cost
2	Foundation Seeds	Qtl.	1000
3	Production of Cert. Seeds	Qtl.	1000
4	Distribution of Certified seeds	Qtl.	50% of cost limited to Rs.1200
5	Distribution of Minikits	Nos.	Free of cost
	B. Technology Transfer		
6	Block Demonstration		
	a)Arhar+ groundnut	Hact.	4000
	b)Sun flower	Hact.	2500
	c)Mustard	Hact.	2000
	d) Niger/Til	Hact.	1500
7	Farmers Training	Nos.	15000 per 50 farmers
8	R. culture/ PSB	Hact.	50% of cost limiting to Rs 100
9	Weedicide	Hact.	50% of cost limiting to Rs 500
10	IPM Demonstration -cum- FFS in arhar	Nos.	22680
11	P.P. Chemicals	Hact.	50% of cost limiting to Rs 500
12	Supply of Gypsum	Hact.	50% of cost limiting to Rs 750
	C. Farm Mechanisation		
13	P. P. Equipments	Nos.	50% of cost limiting to Rs 800
14	Sprinkler sets	Hact.	50% of cost limiting to Rs 7500
	D. New Initiatives		
15	Farm implements	No.	
	a) Manual/bullock driven	No.	50% of cost limiting to Rs 2500
	b) Power driven	No.	50% of cost limiting to Rs 15000
16	Supply of micronutrients	ha.	50% of cost limiting to Rs 500
17	Vermicompost (big unit)	No.	50% of cost limiting to Rs 10000
18	Exposure visit of farmers to outside States	No.	Rs. 3000/each farmer

3.2.3. INTENSIVE COTTON DEVELOPMENT PROGRAM: (MINI MISSION – II UNDER TECHNOLOGY MISSION)

In the State of Orissa, Cotton crop is being covered in about 60,000 hectares covering mostly in the districts of Bolangir, Kalahandi, Nuapada, Rayagada, Koraput, Ganjam and Gajapati. Besides, there is also smaller area coverage in the districts of Boudh, Phulbani, Bargarh and Dhenkanal. The total production is around 7,80,000 quintals of seed cotton with a productivity level of Q.13.00 of seed cotton or 433 kg lint per hectare. There is a scope of expansion of the crop to the tune of about 2.0 lakh hectares in the State.

With an objective of increasing the production and productivity and improving the quality of cotton fibre Centrally Sponsored Mini Mission-II under Technology Mission on Cotton is being implemented from 2000-2001. Farmers are now benefited through different components of the scheme.

Name of the component	Pattern of Assistance	Pattern of sharing (CS:SS)
Farmers' Field School (FFS)	@ Rs.17, 000 per FFS (Training of 30 farmers for a season)	75:25%
Training of Facilitators (ToF)	@ Rs.10.00 lakhs per ToF (30 Master Trainers take the training in 120 training days)	100% (CS)
Surveillance and monitoring of disease and pests	Rs.1.00 lakh per major cotton district per season (40 farmers from each district are engaged for five months with a remuneration of Rs.500/- per month per farmer.	75:25%
Distribution of Pheromone trap	50% of the cost limited to Rs.300/- per hectare	75:25%
Supply of Bio-agents/Bio-pesticides	50% cost limited to Rs.900/- per hectare	75:25%
Supply of Sprayers	50% cost limited to Rs.800/- per manual; Rs.2000/- per power operated sprayer	75:25%
Supply of Sprinkler sets	50% cost limited to Rs.15000/- per hectare to SC/ST/Small/marginal and Women & 33% limited to Rs.10000/- per hectare to others	75:25%
State Level Training to Extension Workers	Rs.15, 000/- per Cotton growing districts per training. (30 trainees for a training programme	75:25%

Citizen Charter

Name of the component	Pattern of Assistance	Pattern of sharing (CS:SS)
Front Line Demonstration on Integrated Pest Management	Rs.1.00 lakh per FLD in an area of 50 hectares	100%
Front Line Demonstration on Production Technology	Rs.2000/- per demonstration (each one acre).	100%
Exposure Visit inside the State	20 farmers constitutes a group and each farmer is provided Rs.750/- (one group per each cotton growing district)	75:25%
Exposure visit outside the State	@ s.3000/- per farmer (each group constitutes 20 farmers and five extension workers.	75:25%
Electronic/Print Media/Information Technology/Mass Media Supporting Workshops, foreign visits, strengthening of DOCD/Crop Division and other misc. contingencies	On actual basis	100%
Farmer's Awareness Campaign on Fibre quality management	Rs.10, 000/- per campaign 100 farmers to be trained in each campaign.	75:25%
Supply of Weedicides	25% of cost limited to Rs.250/- per hectare	75:25%
Farmer's Training	Rs.5000/- per training	75:25%

Contact Persons:

Stage	Contact persons
State	Deputy Director of Agriculture (Cotton), Phone-0674-2323375
District	Subject Matter Specialists (Cotton), Bolangir/ Bhawanipatna/ Berhampur/ Rayagada. Deputy Director of Agriculture, Bolangir/ Kalahandi/ Berhampur/ Koraput. & concerned DAOs

3.2.4. NATIONAL PROJECT ON ORGANIC FARMING (NPOF)

The National Project on Organic Farming is a Central Plan scheme. The implementation of the scheme is being monitored by the “Organic Cell” of the Directorate of Agriculture and Food Production, Orissa. The scheme envisages promotion of Organic Farming in the state by the way of execution of following programmes.

Vermi-Hatchery:-

For establishing a Vermi-Hatchery Unit of 150 TPA capacity with proposed financial out lay of Rs.6 lakhs, 25% subsidy limited to Rs.1.5 lakhs is provided.

Establishment of Compost Production Units:-

Establishment of such units out of fruit & vegetable wastes with capacity of 100 (TPD) are encouraged under the scheme. The tentative cost of each such unit is Rs.156 lakh and 25% subsidy limited to Rs.39 lakhs can be administered under the scheme.

Biofertiliser Production Units:-

Setting up of Biofertiliser Production units are assisted under the scheme. The proposed financial out lay of each unit with production capacity of 150 TPA is Rs.91 lakh. Twenty five percent subsidy limited Rs.22.75 lakh can be provided under the scheme. The scheme has been endorsed by the NABARD for financing by commercial banks & RRBs.

Service Provider:-

Service Providers are key links in Organic Farming as it helps to considerably reduce certification cost through Grower Group Certification. Under the scheme an assistance of Rs.3 lakh is provided to the Service Provider for assisting minimum of 1500 farmers in a group for practicing Organic Farming.

In addition to said components, Farmers Training, Training on Production and Quality Control of inputs, Training of farmers on Organic Farms, Field Demonstration on Organic Inputs & Farmers Fair, Demonstration on Utilisation of enriched biogas slurry & Farmers Fair, Establishment of Data base Units, Setting up model Organic Farms, New Initiatives etc. are also promoted through under the scheme.

Contact Person:

State Bio-Chemist, Orissa
Saheednagar, Bhubaneswar
Tel/Fax- (0674) 2546477
e-mail- sbcorissa@gmail.com

3.2.5. NATIONAL PROJECT ON MANAGEMENT OF SOIL HEALTH AND FERTILITY.

A Central Plan scheme titled “National Project on Management of Soil Health and Fertility” has been launched by the Government of India since 2008. **Objective:** - To encourage private/public sector participation in the soil testing & soil health management programme.

Components :

1. Setting up of Static Soil Testing Laboratories with analysing capacity of 10,000 samples per annum.
Assistance - 50% limited to Rs.30 lakhs will be provided to an organisation that takes up the project.
2. Setting up of Mobile Soil Testing Laboratory:
For Establishment of Mobile Soil Testing Laboratories with analysing capacity of 4,000 samples per annum.
Assistance - 75% limited to Rs.30 lakhs will be provided to the organisation executing the programme.
3. Facilitating Micronutrient Testing -
Assistance of Rs.10 lakhs is provided to the existing Soil Testing Laboratories for procurement of Atomic Absorption Spectrophotometer a high precision, sensitive instrument used for analysis of micronutrients.
4. Establishment of New Fertiliser Quality Control Laboratory-
Assistance of Rs.50 lakh is provided for establishment of such laboratory.
5. Strengthening of Existing Fertiliser Quality Control Laboratories-
The assistance of Rs.25 lakh per laboratory is provided for strengthening of existing Fertiliser Quality Control Laboratory for testing wide range of fertilisers and also the quality parameters.
6. Setting up of Fertiliser Testing Laboratory for Advisory Purpose.-
Usually the fertiliser testing laboratories in the country operate under quality control programme i.e. fertiliser samples collected by the Fertiliser Inspectors are tested in the laboratory. At present there is no adequate scope for a farmer to test the quality of chemical fertilizers he is using.

This newly launched scheme provides a scope for establishing Fertiliser Testing Laboratory for advisory purpose. A grant of Rs.10 lakh is provided under the scheme for setting up of such laboratory.

7. Promotion & Usage of INM-

In order to promote production of quality organic manure the scheme provides assistance of Rs.500/- per ha. The programme is to be executed in a group of ten beneficiaries.

8. Distribution of Micronutrients-

It has been programmed under the scheme to encourage use of micronutrients in the deficient areas so as to maintain soil health by reducing nutrient imbalances and obtaining maximum benefit out of fertiliser application. For this purpose assistance of Rs.500/- per ha is provided.

9. Preparation of Digital Fertility Index Maps and Site Specific Nutrient Management programmes are also encouraged under the scheme.

Contact Person:—

State Level: 1. Deputy Director of Agriculture (Extension)

Tel/Fax- (0674) 2323372

2. IMAGE, Bhubaneswar

Tel/Fax- (0674) 2562151

District Level : Project Director, ATMA of the District

3.2.6. AGRISNET:

AGRISNET is a Centrally Sponsored Scheme. This project will facilitate optimal utilization of agricultural resources of the State effectively by deploying ICT infrastructure up to Block level, web-enabled management information and decision support systems, empowering each and every rural farmer of Orissa to access all agriculture related information within his reach. The State Department of Agriculture, Orissa avail the technical services of the National Informatics Center (NIC) for implementing the AGRISNET project in the state.

Objective:

The main Services to the farmers under this project are to provide information to the farmers on Agriculture inputs so that they get alerted on quality and availability of the inputs along with its supply chain, provide information on the government schemes implemented in the state, provide recommendations based on soil test results and to reduce the indiscriminate use of fertilizers degrading the soil health, updating the farmers' knowledge on the latest technology in Agriculture sector for improving productivity and quality farming etc.

The main features of this project are establishing ICT infrastructure upto Block level, development of Information Systems for providing Online Information Access, development of Farmer's Help Desk, Development of Agriculture Database & Decision Support Systems & Training etc.

Outcomes:

- Establishing Agriculture Online
- Faster and efficient redressal of farmers' grievances
- Improved information access and delivery of services to the farming community
- Improved communication among offices of department of Agriculture through e-Mail
- Direct feedback from farming community to the decision makers at the state level
- Better monitoring of government schemes and more over improved transparency and accountability of the department

Contact Officer:

Joint Director of Agriculture (information)
Phone/Fax: 0674-2396602
1551 (Toll Free)

3.2.7. AGRICULTURE ENGINEERING SCHEMES:

The Agriculture Engineering wing of the Directorate is involved with the monitoring and supervision of all the programme implementation part relating to the engineering schemes like Agricultural mechanization, Jananidhi programme, Self Employment schemes and Civil infrastructure development works etc.. The nodal officer in the Directorate is the Joint Director of Agriculture (Engineering). The schematic details that required to be conveyed for the awareness of the general public in general and farmers in particular are detailed below.

(A)Agricultural Mechanization:

The Directorate is popularizing different farm machineries & implements amongst the farmers through subsidy for increasing the production and productivity of different field crops. It will also help increasing the farm power input of Orissa and to bring it to the national average. The important machineries are tractors (up to 40 PTO HP), Power Tillers, Self Propelled Reapers, Self Propelled Translators, Hydraulic Trailers, Power Threshers, Power Operated Implements and other low cost manual/ bullock drawn implements. Any farmer desiring to avail the benefit will approach the VAW/AAO at block level and the implements will be provided to them excluding the subsidy amount. The other agencies involved with the programme are the different manufacturing units, suppliers, Orissa Agro Industries Corporation, Orissa Small Industries Corporation, Implement Factory and the Agriculture Promotion and Investment Corporation Limited (APICOL). In the Directorate, targets of different implements are being communicated to field functionaries as per funds provision under different schemes like Work Plan, RKVY, NFSM, ISOPOM etc. looking to the population under normal, Schedule caste and scheduled tribe components.

How a farmer will get the benefit:

The farmers will approach the VAW / AAO at the GP/Block level with the application form reflecting the implement to be bought. Basing on the target, the AAO will give the permit and supply order to the supplier. The supplier will supply the implement minus the subsidy amount. Awareness campaigns are being done through different meetings, seminars, training programmes etc. for popularization of the scheme to a larger extent.

Pattern of Assistance for Agricultural Mechanisation

The State Agril.Policy-08 which has become effective since 1st August-08 will be a boon to the farmers as the subsidy pattern has been enhanced substantially on almost all the implements. The subsidies to be provided for different implements/machineries are given below.

(i) Tractor	@ 50% of the cost, limited to R.90,000/- Tractors up-to 40 pto HP
(ii) Power Tiller	(a) @ 50% of the cost, limited to Rs.60,000/- Power Tiller of 8 BHP & above. (b) @ 50% of the cost, limited to Rs.30,000/- Light weight power tiller below 8 BHP for hill regions.
(iii) Self propelled Reaper, Paddy transplanter and other similar self propelled machines.	@ 50% of the cost, limited to Rs.80,000/-
(iv) Specialized power driven equipments	(i) @ 50% of the cost, limited to Rs.30,000/- Specialized power driven equipment like potato planter, potato digger, groundnut digger, strip till drill, tractor drawn reaper, cleaner-cum-grader, dryer, stubble shaver, mobile fruit harvester, power weeder, mini rice mill, dal mill, cultipacker, onion harvester with de-topping attachment, carrot harvester, motorized banana fibre making machine. (ii) @ 50% of the cost, limited to Rs.25,000/- Specialized power driven equipment like Zero-till-Seed-cum fertilizer Drill, Raised Bed Planter, Sugarcane cutter planter / ring pit digger / post hole digger, rotavator, straw reaper, crop reaper / binder, nappy seeder, vegetable transplanter / pneumatic vegetable seeder/Axial flow thresher(tractor/power tiller operated)
(v) Manually operated implements / tools	@ 50% of the cost, limited to Rs.4,000/-
(vi) Animal driven implements	@ 50% of the cost, limited to Rs.5,000/-
(vii) Animal driven tool carrier	@ 50% of the cost, limited to Rs.12,000/- Animal driven specialized implements viz. (a) Multi tool bar / carrier / tropicultor (with minimum four attachments). (b) Pre-germinated paddy seeder

(viii) Power driven equipment (Tractor/ power tiller operated) intended inclusion of all tractor & power tiller driven conventional equipment/ implements.	(i) @ 50% of the cost, limited to Rs.20,000/- for essential tractor driven implements viz. MB / Disc plough, harrow, cultivator, seed-cum-fertilizer drill. (ii) @ 50% of the cost, limited to Rs.20,000/- for a set of power tiller driven implements i.e. harrow, cultivator and seed drill.
(ix) Power Threshers (All types)	50% of the cost, limited to Rs.24,000/-
(x) Diesel / Electric pump sets	@ 50% of the cost, limited to Rs.10,000/- Diesel/electric pump sets upto 7.5 BHP / 5 KW
(xi) Cono Weeder	Assistance @ Rs.3, 000/- per farmer or 50% of the cost, whichever is less.
(xii) Plant Protection Equipment	
(a) Manual	@ 50% of the cost, limited to Rs.1600/-
(b) Power operated	@ 50% of the cost, limited to Rs.4000/-
(c) Tractor mounted	@ 50% of the cost, limited to Rs.8000/-
(d) Aero-blast sprayer	@ 50% of the cost, limited to Rs.50,000/-
(xiii) Combine Harvesters	
Self propelled track type	50% of the cost, limited to Rs.4.00 lakh
(b) Self propelled wheel type	50% of the cost, limited to Rs.3.00 lakh
(c) Tractor mounted combine	50% of the cost, limited to Rs.3.00 lakh (Subsidy will be provided for combine only exclusive of tractor)

(B) JALANIDHI PROGRAMME

“Jalanidhi” is a scheme to encourage farmers for creation of captive irrigation source in their field through installation of Private Lift Irrigation Points (Shallow tubewell, Borewell, Dugwell and River/Surface Lift Points). Creation of irrigation potential will enhance the cropping intensity & productivity in the State. Under the State Agril.Policy-2008, the new pattern of subsidy has been announced for popularization of the scheme in a big way. The subsidy pattern for different captive irrigation structures are detailed below.

Sl. No.	Item	Subsidy provision
1	Shallow tube well	50% of the project cost limited to Rs 20000/-
2	Bore well	50% of the project cost limited to Rs 50000/-
3	Dug well	50% of the project cost limited to Rs 50000/-
4	River Lift Point	50% of the project cost limited to Rs 40000/-

The beneficiary wanting to avail the opportunity may be individual, a body of individuals, registered NGOs, companies encouraging contract farming on the farmers' land irrespective of the size of their land holding. PLIPs so executed will be exclusively used for irrigation purpose. The subsidy will be admissible both for Self finance and Bank finance cases.

The farmer will apply in the prescribed format to the AAO/JHO who in turn will issue Go Ahead Letter within 7 days looking to the feasibility and other technical parameters. It will be executed by the authorized executants. The non subsidy amounts are to be borne by the beneficiaries. After completion of the project .it would be inspected by the Inspector and the KSK will recommend for the Subsidy Sanction to APICOL with the relevant papers like undertaking by the executants, bills of the Inspector etc.

The important stipulations in the operational modalities of PLIPs are as follows.

SHALLOW TUBE WELL

1. There is no restriction for execution of STWs in the non saline GPs of the State. In saline affected GPs, execution will be done under the technical supervision of concerned AAEs as per feasibility and technical parameters.
2. Submersible pumpsets can be used in STWs as per requirement of farmers keeping other technical requirements in view.

BORE WELL

1. The beneficiary executing the borewell with VES test will be required to give a risk premium of Rs 1000/- and would be eligible for compensation if it fails.
2. The installation of bore well without VES test will also be eligible for subsidy provided the borewell is found successful.

DUG WELL

1. The minimum dia of the dugwell is 4.5 mtr and the depth should be according to the availability of well yield.

(c) BIJU GRAMA JYOTI YOJANA

There is provision for energisation of pumpsets (subsidized as well as nonsubsidised) having water source within 1 km of the LT line. Subsidy provision to the tune of 70% and 80% of the project cost are earmarked for Non-KBK districts and KBK districts/WODC blocks respectively. The beneficiary should invariably be small & marginal farmers.

(D)CAPITAL INVESTMENT SUBSIDY FOR SELF EMPLOYMENT

A number of projects have been notified in the State Agril.Policy-08 which would be of immense help to the unemployed youths willing to set up their own agri enterprise. The provision of subsidy is as follows.

25% of the fixed capital (excluding the cost of the land) subject to a limit of Rs.25.00 lakh (33% limited Rs.25.00 lakhs to SC/ST/Women agri-entrepreneurs along with graduates of Agriculture & allied disciplines)

Contact Persons:

State Level-	Joint Director of Agriculture (Engineering)-0674-2323370
District Level-	Deputy Director of Agriculture/ District Agriculture Officer/ Assistant Agriculture Engineer
Block level-	Assistant Agriculture Officer/ Village Agriculture Worker

3.2.8. NATIONAL FOOD SECURITY MISSION (NFSM)

A centrally sponsored scheme, National Food Security Mission (NFSM) has been launched from 2007-08 in India with a initiative of area expansion and productivity for enhancement of Rice and Pulses in a sustainable manner. In Orissa, NFSM-Rice is operated in 15 districts and NFSM-pulses in 10 districts. The Mission aims at focused development for these two crops in Orissa with the following objectives and strategies.

OBJECTIVES:

The National Food Security Mission aims at the following objectives for the state.

1. Increasing production of rice and pulses through area expansion and productivity enhancement in a sustainable manner in the identified districts.
2. Restoring the soil fertility and productivity at the individual farm level.
3. Creation of employment opportunities.
4. Enhancing the farm level economy i.e. (farm profits) to restore confidence amongst the farmers.

STRATEGY

To achieve the above objectives, the Mission would have to adopt the following strategies.

1. Implementation in a Mission mode through active engagement of all the stakeholders at various levels.
2. Promotion and extension of improved technologies ie., seed, Integrated Nutrition Management including micronutrients, soil amendments , IPM and resource conservation technologies along with capacity building of farmers.
3. Flow of fund would be closely monitored to ensure that intervention reach the target beneficiaries on time.
4. Various interventions proposed would be integrated with the district plan and targets for each identified districts would be fixed.

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5. Constant monitoring and concurrent evaluation for assessing the impact of the interventions for a result oriented approach by the implementing agencies.

Areas of operation of Food Security Mission:

NFSM –Rice and NFSM- Pulses will be implemented in total 21 districts of Orissa as detailed below (4 districts are in common)

Sl No.	NFSM, Rice districts	NFSM, Pulses districts
1	Bolangir	Bolangir
2	Kalahandi	Kalahandi
3	Keonjhar	Keonjhar
4	Nayagarh	Nayagarh
5	Jajpur	Baragarh
6	Dhenkanal	Cuttack
7	Angul	Ganjam
8	Nuapada	Khurda
9	Malkanagiri	Puri
10	Nowarangpur	Rayagada
11	Kandhamal (Phulbani)	
12	Boudh	
13	Deogarh	
14	Jharsuguda	
15	Sundergarh	

Subsidy / Pattern of Assistance under NFSM

NFSM-Pulses			
Sl. No.	Intervention	Unit	Pattern of assistance in Rs.
1	2	3	4
1	Seeds		
	a) Purchase of breeder seeds	Qtl.	
	b) Production of Foundation & Certified seeds	Qtl.	1000
	c) Distribution assistance on certified seeds	Qtl.	1200
	d) Strengthening of state seed certification agency		
2	Integrated nutrient management		
	a) Supply of gypsum	Ha.	750
	b) Supply of Micronutrients	Ha.	500
3	Integrated Pest Management (IPM)	Ha.	750
4	Distribution of sprinkler sets	No.	10000
5	a) Extension training, mass media campaign including		
	awards to the best performing districts		
	i) Training on Pattern of FFS	No.	17000
	ii) State level training for trainers	No.	100000
	iii) Award for best performing district	No.	500000

Local Initiatives:-

Sl. No.	NFSM-Pulses	Unit	Pattern of assistance in Rs,
1	Community threshing floor (20 mtrX20 mtr size)	No	336000
2	Management of Pyra in Rice-Pulse cropping system(0.40 ha size)	No	2000

NFSM-RICE

1	Demon. of Improved package of Practices(1 demn of 0.4 ha.)	No.	2500
2	Demon. on System of Rice Intensification	No.	3000
3	Demon on Hybrid Rice Technology	No.	3000
4	Support for promotion of Hybrid Rice Seeds		
	a) Assistance for Production of Hybrid rice seeds	Qtl.	1000
	b) Assistance for Distribution of Hybrid rice seeds	Qtl.	2000
5	Assistance on distribution of HYV rice seeds	Qtl.	500
6	Seed minikits (1 kit per 50.00 hact.)	No.	Full cost
7	Incentives for micronutrients	Ha.	500
8	Incentives for Liming in acid soils	Ha.	500
9	Incentives for Conoweeders and other farm Implt.	No.	3000
10	Assistance for PP Chemicals and bio pesticides	Ha.	500
11	Farmers Training (FFS Pattern)	No.	17000
12	Award for best performing districts (one dist./yr)		

Local Initiatives:-

Sl No	NFSM-Rice	Unit	Cost in Rs lakhs
1	Community threshing floor (30 mtrX30 mtr size)	No	7.21
2	Community nursery (0.40 ha size)	No	0.035

Farm machineries under subsidy sale

- 1 Zero till Machines for NFSM-Rice & Pulses. at 50% subsidy limited to Rs 15000/-
- 2 Multi crop planters and seed drill under NFSM-Rice, &Pulses at 50% subsidy limited to Rs 15000/-
- 3 Rotavator under NFSM-Rice &Pulses at 50 % subsidy limited to Rs 30,000/-
- 4 Pumpset under NFSM-Rice &Pulses at 50 % subsidy limited to Rs 10,000/-
- 5 Sprinklers already exist under NFSM-Pulses at 50 % subsidy limited to Rs 7,500/-
- 6 Power weeders under NFSM-Rice at 50% subsidy limited to Rs 15000/-
- 7 Knapsack sprayers under NFSM-Rice, &Pulses at 50% of the cost limited to Rs 3000/- per machine.

3.2.9. Rashtriya Krishi Vikas Yojana (RKVY)

Concerned by the slow growth in the Agriculture and allied sectors, the National Development Council (NDC), in its meeting held on 29th May, 2007 resolved that a special Additional Central Assistance Scheme (RKVY) be launched. The Department of Agriculture, in compliance of the above resolution and in consultation with the Planning Commission, has prepared the guidelines for the RKVY scheme, to be known as NADP.

Basic Features of the RKVY

The RKVY aims at achieving 4% annual growth in the agriculture sector during the 11th Plan period, by ensuring a holistic development of Agriculture and allied sectors.

- It is a State Plan scheme.
- The preparation of the district and State Agriculture Plans is mandatory.
- It will be an incentive scheme – allocations are not automatic.
- It will integrate agriculture and allied sectors comprehensively.
- It will give high levels of flexibility to the states – including approvals at the level of the state governments.
- Projects with definite time-lines are highly encouraged.
- Encourages convergence with other programmes such as NREGS, SGSY, BRGF, etc.
- Pattern of funding is 100% Central Government Grant.
- If the state lowers its investment in the subsequent years, and goes out of the RKVY basket, then the balance resources for completing the projects already commenced would have to be committed by them.
- Projects will be implemented under Stream-I (Project based) and Stream-II (Strengthening of schemes with resource gaps).

Objectives

1. To incentives the states so as to increase public investment in Agriculture and allied sectors.
2. To provide flexibility and autonomy to states in the process of planning and executing Agriculture and allied sector schemes.
3. To ensure the preparation of agriculture plans for the districts and the states based on agro-climatic conditions, availability of technology and natural resources.
4. To ensure that the local needs/crops/priorities are better reflected in the agricultural plans of the states.
5. To achieve the goal of reducing the yield gaps in important crops, through focused interventions.
6. To maximize returns to the farmers in Agriculture and allied sectors.

7. To bring about quantifiable changes in the production and productivity of various components of Agriculture and allied sectors by addressing them in a holistic manner.

(A) The Planning Process of RKVY

Each District will formulate a District Agriculture Plan (DAP) by including the resources available from other existing schemes, District, State, or Central schemes such as BRGF, SGSY, NREGS and Bharat Nirman, etc. The District Agricultural Plans shall not be the usual aggregation of the existing schemes but would aim at moving towards projecting the requirements for development of Agriculture and allied sectors of the district. These plans will present the vision for Agriculture and allied sectors within the overall development perspective of the district. The District Agriculture Plans would present the financial requirement and the sources of financing the agriculture development plans in a comprehensive way. The DAP will include animal husbandry and fishery, minor irrigation projects, rural development works, agricultural marketing schemes and schemes for water harvesting and conservation, etc. keeping in view the natural resources and technological possibilities in each district.

Each state will prepare a comprehensive State Agricultural Plan (SAP) by integrating the District Plans.

The districts will be required to prepare a shelf of projects, for posing to the SLSC under Stream-I. At least 75% of the total funds under the RKVY that a state gets entitled to, will be available under the Stream-I.

(B) Areas of focus under the RKVY

- Integrated development of major food crops such as wheat, paddy, coarse cereals, minor millets, pulses, oilseeds
- Agriculture mechanization
- Activities related to enhancement of soil health
- Development of rainfed farming systems in and outside watershed areas, as also Integrated development of watershed areas, wastelands, river valleys
- Support to State seed farms
- Integrated Pest Management schemes
- Encouraging non-farm activities
- Strengthening of Market Infrastructure and marketing development
- Strengthening of Infrastructure to promote Extension Services
- Activities relating to enhancement of horticultural production and popularization of micro irrigation systems
- Animal husbandry and fisheries development activities

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- Special schemes for beneficiaries of land reforms
- Undertaking concept to completion projects
- Grant support to the State Government institutions that promote Agriculture / Horticulture
- Study Tours of farmers
- Organic and Bio-fertilizers
- Innovative schemes

(C) RKVY 2007-08

It is envisaged to take up various projects under Stream-I and Stream-II with a projected cost of Rs3959.34 lakhs. The projects being implemented under RKVY 2007-08 are as follows.

Sl. No.	Name of the Project/Scheme	Project Cost (Rs. in lakhs)	Nodal Officer for the Project
1	Managing Acid Soils for Boosting Agricultural Productivity in Orissa	1010.00	State Bio Chemist
2	Popularisation of Agricultural Implements and Machineries in KBK & other districts	808.00	Joint Director Agriculture (Engineering)
3	System of Rice Intensification (SRI)	252.50	Joint Director Agriculture (SP & C)
4	Promotion of Organic Farming through Vermihatchery	55.55	State Bio Chemist
5	BGA Production-Stepping Towards Organic Farming	41.81	State Bio Chemist
6	Establishment of Seed processing Plants at Gajapati, Kendrapada & Jharasuguda	180.80	Managing Director, Orissa State Seeds Corporation Ltd.
7	Modernisation of Agriculture Information Wing of Bhubaneswar & Sambalpur	118.70	Joint Director Agriculture (Information)
8	Capacity Building of Extension Personnel & Alternate Extension (Krushak Sathi)	62.79	Joint Director Agriculture (farm & Seeds)
9	Biofertilizer Application for Pulse and Oilseeds	106.00	Dy. Director of Agriculture (Pulse)
10	Integrated Pest Management through Farmers' Field School	24.04	Dy. Director of Agriculture (Plant Protection)
11	Strengthening of Soil Testing Services	207.15	Dy. Director of Agriculture (Extension)
	Total of Stream-I	2867.34	

1	Strengthening of Govt. Implement Factory (Proto-type Devt. Center)	440.00	Joint Director Agriculture (Engineering)
2	Infrastructure Development & Strengthening Training Institutes	245.00	Joint Director Agriculture (farm & Seeds)
3	Construction of Seed Storage Godown	407.00	Managing Director, Orissa State Seeds Corporation Ltd.
	Total of Stream-II	1092.00	
	GRAND TOTAL	3959.34	

Sl. No.	Name of the Project	Project Cost	Nodal Officer Designee
	<u>STREAM-I</u>		
1	SRI Village	100.00	Joint Director Agriculture (SP & C)
2	Modernisation of Agriculture Information Wing	120.70	Joint Director Agriculture (Information)
3	Strengthening of Statistics Wing (Directorate of Agriculture & Food Production)	23.77	Chief Statistician
4	Profiling of Secondary and Micronutrients in the State	145.44	Dy. Director of Agriculture (Extn.) &SBC
5	Execution of Farm Information Advisory Center (100 Nos.)	2500.00	Joint Director Agriculture (Engineering)
6	Establishment of Vermi-Compost units (2500 nos.)	76.50	SBC
7	Development of Maize in Kandhamal District	312.81	Dy. Director of Agriculture (Pulse)
8	Renovation of Agricultural Farms	358.27	Joint Director Agriculture (F& S)
	Total of Stream-I	3637.49	
	<u>STREAM-II</u>		
1.	Popularisation of Pump sets	1020.00	Joint Director Agriculture (Engineering)
2	Popularisation of Agriculture Implements	1410.98	Joint Director Agriculture (Engineering)
3	Supply of Gypsum to KBK and southern districts of Orissa	150.00	Dy. Director of Agriculture (Pulse) & Assistant Project Officer (Oilseeds)
	Total of Stream-II	2580.98	
	Grand Total	6218.47	

Contact Persons:

Sl. No.	Level	Contact Person	Telephone No.
1	State	Dy. Secretary to Govt. & State Nodal Officer for RKVY, Agriculture Department, Orissa Bhubaneswar.	0674-2323055
2	Directorate	Dy. Director of Agriculture (Plan)	0674-2323377
3	District	Project Director, ATMA/ District Agriculture Officer of respective district	

3.2.10. STATE AGRICULTURE POLICY 2008

Agriculture in Orissa continues to be characterized by low productivity due to traditional agricultural practices, inadequate capital formation and low investment, inadequate irrigation facilities, low water use efficiency, uneconomic size of holding etc. The agricultural development plan in today's context has to be holistic, well-defined and focused towards overall well-being of the farming community. The Government therefore have decided to go for a New Agriculture Policy-2008 which is futuristic, flexible enough to anticipate and address emerging trends, identify potential areas for development and chalk out a clear agenda for agricultural development for at least next 10 years.

The main objectives of this Policy are as follows:

- To bring in a shift from the present level of subsistence agriculture to a profitable commercial agriculture so that people would accept agriculture as a vocation;
- To promote sustainable agricultural development ;
- To enhance productivity of important crops at least to match with national average (enhancing seed replacement, availability of quality planting materials, INM, IPM, water management, farm mechanization and technology transfer) ;
- To encourage crop diversification particularly in uplands and medium lands (e.g. paddy to non-paddy crops);
- To focus on horticultural crops including dry-land horticulture ;
- To encourage modern farming system approach;
- To enhance water use efficiency through peoples' participation;
- To facilitate increased long term investment in agricultural sectors (on farm as well as off farm) both by private sector, public sector and private & public partnership (PPP), particularly for post harvest management, marketing, agro processing and value addition, etc;
- To encourage contract as well as compact farming;
- To increase access to credit for small and marginal farmers;

- To facilitate appropriate market linkages for agricultural produces with respect to which the state has competitive advantages;
- To implement integrated watershed development programmes in watershed areas for Natural Resource Management (NRM), increased crop production as well as on-farm and non-farm income;
- To create appropriate institutions / facilities to undertake regulatory, enforcement and quality assurance activities matching to the emergent needs.
- To redefine the roles and responsibilities of the agricultural extension machinery by suitably restructuring the field extension set up.

Operationalisation of the policy

Rules and Resolutions will be framed / passed as appropriate by the Government to operationalise the State Agriculture Policy. Operational Plans to address the problems of the farmers will be prepared at the district level with involvement of all stake holders including PRIs through participatory and bottom-up planning and such District Agricultural Plans (DAPs) will be integrated into a State Agricultural Plan (SAP). The Department of Agriculture at the state level will coordinate with other allied departments to evolve appropriate mechanisms and guidelines to implement this Policy.

The Policy is intended to help in rejuvenating the agriculture sector of Orissa and bringing lasting improvement in the economic condition of the farmers. An integrated implementation of the intentions of the Government would definitely achieve the targeted annual growth rate of 4 per cent during the Eleventh Five Year Plan and ensure food and nutritional security to all the citizens of the State.

Contact Persons:

	Level	Contact Person	Telephone No.
	Directorate	Dy. Director of Agriculture (Plan)	0674-2323377
	District	Deputy Director of Agriculture/ District Agriculture Officer	
	Block	Assistant Agriculture Officer	

CHAPTER- 4

Agricultural farms:

The agricultural farms were created mainly for the purpose of Research, Demonstration and Seed Production. But after implementation of NAEP under World Bank project, Research and demonstration work were transferred to OUAT leaving alone the seed production programme in the departmental farms.

There were 68 farms in the State out of which Barachana farm was transferred to OUAT for establishment of Krushi Vigyan Kendra (KVK) during 2002-03. Out of the rest 67 farms, 5 farms namely Sonepur in Sonepur district, Tirtol farm in Jagatsinghpur District, Nuapada farm of Nuapada district, Gunupur farm of Rayagada district and Shamakhunta farm of Mayurbhanj district were transferred to OUAT during 2004-05 for establishment of KVK. Besides, 20 hect from Paljhar farm, 16 hecets from R.E farm have been transferred to OUAT for the same purpose and 12 hecets of Paljhar farm was also transferred to Navodaya Vidyalaya. Hence, 62 farms exist under the control of DA&FP(O). Deras farm in Khurda district was defunct since 1996 and the revival work is in progress. Hence, the geographical areas of the remaining 62 farms constitute to be 2202.619 hecets. Out of these 62 farms, cropping is not possible in the following five farms.

Farm	District	Reason
Desil	Bolangir	No irrigation is available
Boipariguda	Koraput	No irrigation is available and 90% is upland
Dumuriput	Koraput	Adequate irrigation is not available and 88% is upland
Poonang	Jagatsinghpur	Sand casting
Keshpur	Ganjam	Inundation of saline water from Chilika lake

Location of Agril. Farms: **Enclosed**

Basic information: **Enclosed**

Schemes:

These 62 Agril. Farms are covered under Non-Plan schemes, namely:

- (a) Experimental seed farm: - 55 farms(49 small, 1-Umarkote Large farm and 5 defunct farms)
- (b) Large sized farms: - 6 Large farms
- (c) Mixed farm, Semiliguda:- Semiliguda Mixed (Large) farm

Aims & Objectives:

The aim and objectives of the departmental farms are production of foundation (paddy and non-paddy) seeds by using breeder seeds received from GOI (ICAR, CRRI, OUAT etc.),

- Production of certified (paddy and non-paddy) seeds by using foundation seeds from OUAT, OSSC and Departmental farms ,
- To cater the seed requirement of the farming community of the state,
- To increase the seed replacement rate (SRR) of the state, and Finally, to increase total crop production of the state by utilizing the quality seeds produced in the farm (as quality seeds alone contribute towards 15 -18 % increase in yield).

Contact Persons:

Sl. No.	Level	Contact persons
1	State	Joint Director of Agriculture (F&S) O/O- DA&FP, Orissa, Bhubaneswar, Ph-0674-2323367
2	District	Deputy Directors of Agriculture/ District Agriculture Officer/ Farm Management Specialist
3	Farm Level	Farm Superintendent/ Farm In charge

LIST OF DEPARTMENTAL FARMS

Name of the range (DDA)	Name of revenue district	Name of the DDOs	Sl. No.	Name of the farms	Tahasil
Balasore	Balasore	DAO, Balasore	1	Baharda	Basta
			2	Balia	Balasore
			3	Sheragarh	Balasore
	Bhadrak	DAO, Bhadrak	4	Agarpada	Bhadrak
			5	Bhadrak	Bhadrak
			6	Dhamnagar	Dhamnagar
Bolangir	Bolangir	DAO, Bolangir	7	R.E. Farm	Bolangir
			8	Mudghat	Patnagarh
		DAO, Titilagarh	9	Desil(Defunct)	Titilagarh
	Sonepur	DAO, Sonepur	10	Rampur	S Rampur
			11	Biramaharajpur	Birmaharajpur
Cuttack	Cuttack	DAO, Athagarh	12	Athagarh	Athagarh
		Entomologist (S. cane), Banki	13	Banki	Banki
	Jagatsinghpur	DAO, Jagatsinghpur	14	Kujanga	Kujanga
			15	Poonang (Defunct)	Jagatsinghpur
	Jajpur	Farm Superintendent (FS), Sukinda	16	Sukinda (Large Farm)	Sukinda at Jajpur Road

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Name of the range (DDA)	Name of revenue district	Name of the DDOs	Sl. No.	Name of the farms	Tahasil
Dhenkanal	Dhenkanal	DAO, Kamakshyanagar	17	Damasala	Bhuban
		DAO,Dhenkanal	18	Gondia	Dhenkanal
		Principal, RITE, Mahisapat	19	Mahisapat	Dhenkanal
	Anugul	DAO,Angul	20	Gatikrushnapur	Angul
		DAO,Talcher	21	Pallahara	Pallahara
Ganjam	Ganjam	DAO,Aska	22	Bhanjanagar	Bhanjanagar
			23	Jagannathprasad	Jagannathprasad
		DAO,Berhampur	24	Golanthara	Kanisi
		FS, Dhanei	25	Dhanei (Large Farm)	Polsara
		Principal, RITE, Rangeilunda	26	Rangeilunda	Kanisi
		DAO,Chhatrapur	27	Keshpur (Defunct)	Khalikote
Kalahandi	Nuapada	DAO,Kharia	28	Kharia	Kharia
Keonjhar	Keonjhar	DAO, Keonjhar	29	Bhagamunda	Ghatagaon
			30	Keonjhargarh	Keonjhargarh
		DAO,Anandapur	31	Gohira	Anandpur
			32	Sangam	Hatidihi
Koraput	Koraput	DAO,Jeypore	33	Boipariguda (Defunct)	Jeypore
			34	Boriguma	Boriguma
			35	Kotpad	Kotpad
		DAO,Koraput	36	Dumuriput (Defunct)	Koraput
			37	Narayanpatna	Narayanpatna
		Agril. Overseer, Mixed Farm, Semiliguda	38	Similiguda (Large Farm)	Pottangi
	Malkangiri	DAO, Malkangiri	39	Mathili	Mathili
	Nawarangapur	DAO, Nawarangpur	40	Dabugaon	Dabugaon
		FS, Umarkote	41	Umerkote (Large Farm)	Umerkote
	Rayagada	DAO,Rayagada	42	Narayanpur	Rayagada
Mayurbhanj	Mayurbhanj	DAO,Baripada	43	Boisinga	Betnotti
			44	Dhanapanna	Udala
		DAO, Rairangapur	45	Dalki	Rairangpur
		DAO,Karanja	46	Sandeuli	Karanja
Phulbani	Phulbani	DAO,Phulbani	47	Phulbani	Kandhamal
			48	Sarangagada	Baliguda
	Boudh	FS, Paljhar	49	Paljhar (Large Farm)	Boudh

Puri	Puri	DAO,Puri	50	Olansa/ Pipili	Nimapara/Pipli
			51	Sakhigopal	Puri
	Nayagarh	DAO, Nayagarh	52	Daspalla	Daspalla
		Pulse Specialist, Nayagarh	53	Nayagarh	Nayagarh
	Khurda	DAO, Khurda	54	Khurda	Khurda
		DDA,Puri	55	Deras (Large Farm)	Bhubaneswar
Samablpur	Samablpur	DAO, Samablpur	56	Lamal	Rengali
		DAO, Bargarh	57	Chakuli	Attabira
		FS, Lachida	58	Lachida (Large Farm)	Attabira
Sundargarh	Sundargarh	DAO, Sundargarh	59	Bargaon	Rajgangpur
		DAO, Sundargarh	60	Rajgangpur	Rajgangpur
		DAO, Sundargarh	61	Sundargarh	Sundargarh
		FS,Kuliposh	62	Kuliposh (Large Farm)	Bonai

BASIC INFORMATION OF AGRICULTURE FARMS:(AREA IN HECT.)

Revenue	Sl.	Name of the farm	Geographical	Cultivated	Irrigated		Year
District	No.		Area	Area	Perennial	Seasonal	Estt.
Balasore	1	Baharda	17.330	14.400		6.720	1959
	2	Balia	16.050	12.440		9.380	1916
	3	Sheragarh	18.960	14.500		5.800	1958
Bhadrak	4	Agarpada	18.324	15.000	12.160	1.040	1958-59
	5	Bhadrak	6.770	5.700		5.700	1942
	6	Dhamnagar	16.710	14.280	4.000		1958
Bolangir	7	R.E. Farm	31.880	23.370		23.370	1938
	8	Mudghat	21.978	16.000		8.000	1962
	9	Desil(Defunct)	14.455	10.200			1957-58
Sonepur	10	Rampur	9.555	7.800	2.840	3.960	1957-58
	11	Biramaharajpur	18.890	17.000		17.000	1956-57
Cuttack	12	Athagarh	11.080	8.380			1948
	13	Banki	17.750	12.910		4.500	1959
Jagatsinghpur	14	Kujanga	13.356	9.924	0.860	4.200	1928

Citizen Charter

Revenue District	Sl. No.	Name of the farm	Geographical Area	Cultivated Area	Irrigated Area Perennial	Seasonal	Year of Estt.
	15	Poonang (Defunct)	4.800	3.400			1982
Jajpur	16	Sukinda (Large Farm)	230.000	172.882		172.882	1948
Dhenkanal	17	Damasala	38.460	35.370	4.000	35.370	1957-58
	18	Gondia	14.750	9.900		2.000	1958-59
	19	Mahisapat	10.790	2.570			1955
Angul	20	Gatikrushnapur	23.980	12.000		6.000	1958
	21	Pallahara	12.450	9.900		9.400	1962-63
Ganjam	22	Bhanjanagar	9.156	6.500		6.200	1942
	23	Dhanei (Large Farm)	42.220	30.810	29.280		1965
	24	Golanthara	16.264	15.435			1958
	25	Jagannathprasad	10.220	7.428			1957-58
	26	Rangeilunda	8.510	6.300		1.850	1954-55
	27	Keshpur (Defunct)	11.492	3.400			1984-85
Nuapada	28	Khariar	20.692	16.914		4.970	1960-61
Keonjhar	29	Bhagamunda	21.930	20.300	2.000	6.800	1962-63
	30	Gohira	12.260	9.000		5.000	1962-63
	31	Keonjhargarh	19.820	10.630	5.530	4.000	1958-59
	32	Sangam	21.120	16.260		0.800	1957-58
Koraput	33	Boipariguda (Defunct)	32.375	23.210			1964
	34	Boriguma	21.303	17.924		3.000	1942-43
	35	Dumuriput (Defunct)	11.559	8.940	0.510	8.120	1959
	36	Kotpad	41.549	26.420		7.720	1955
	37	Narayanpatna	16.188	14.248		5.290	1959
	38	Similiguda (Large Farm)	352.587	164.090		30.000	1963-64

Revenue	Sl.	Name of the farm	Geographical	Cultivated	Irrigated Area		Year of
District	No.		Area	Area	Perennial	Seasonal	Estt.
Malkangiri	39	Mathili	14.205	11.200	2.800	2.390	1964
Nawarangpur	40	Dabugaon	25.588	19.757	1.800	6.070	1948
	41	Umerkote (Large Farm)	201.180	158.164	18.000	30.000	1959
Rayagada	42	Narayanpur	14.632	12.796		12.800	1959-60
Mayurbhanj	43	Boisinga	15.080	10.450	5.000	3.000	1964
	44	Dalki	17.029	13.400		2.950	1957-58
	45	Dhanapanna	19.150	16.100		12.100	1958
	46	Sandeuli	18.170	12.570		2.500	1957-58
Phulbani	47	Phulbani	26.304	7.258	0.560		1948-49
	48	Sarangagada	12.343	10.010		0.940	1958-59
Boudh	49	Paljhar (Large Farm)	157.456	50.000	0.000	30.000	1942-43
Puri	50	Olansa/ Pipili	20.740	17.300	0.120	5.960	1959-60
	51	Sakhigopal	25.920	23.000	1.800	19.200	1953
Nayagarh	52	Daspalla	15.840	13.200		1.300	1959-60
	53	Nayagarh	15.961	7.380		3.510	1943
Khurda	54	Khurda	13.020	9.840	0.260	1.730	1919
	55	Deras (Large Farm)	29.464	25.724			1951-52
Samablpur	56	Lamal	24.730	19.600	0.400	3.300	1957-58
Bargarh	57	Chakuli	22.258	18.218			1956-57
	58	Lachida (Large Farm)	97.136	70.410	2.910	40.000	1964
Sundargarh	59	Bargaon	16.800	13.200		5.600	1947-48
	60	Kuliposh (Large Farm)	116.144	97.500		40.702	1958-59
	61	Rajgangpur	25.890	14.000		8.000	1963-64
	62	Sundargarh	20.016	15.000		9.900	1950-51
Total			2202.619	1491.812	94.830	641.024	

CHAPTER- 5

JOB RESPONSIBILITY OF VARIOUS CADRES

A: DUTIES OF ASSISTANT AGRICULTURE OFFICERS (AAO) POSTED AT BLOCK LEVEL

1. Each AAO shall remain in-charge of his circle of the block and play a promotive and facilitative role for more purposeful and effective extension service to the farming community including implementation of all ongoing schemes.
2. He shall through an effective extension plan disseminate the proven and viable production technology for farming community with overall objective to increase productivity per unit of land and water.
3. His primary responsibility being the integrated development of the rural economy through agricultural development, he should prepare integrated cropping programme for best use of all available water sources of each VAW/ AO circle, such as dug well, bore wells, Shallow tube wells etc.
4. He shall keep village wise / GP wise / circle wise break up of seasonal crop production programme and quantify the targets for each VAW/ AO circle including action plans for achieving goals of increasing seed replacement ratio, level of fertilizer consumption, use of bio-fertilizers, soil testing along with soil testing mission, improved agricultural implements, irrigation points and credit support for improving crop productivity.
5. He shall make a concurrent evaluation of the achievement of all schemes by the AO/ VAW in Bi-weekly Trainings.
6. He should guide the VAWs/ AOs in collection of basic information on land utilization, rain fall, source wise irrigation potential, crop statistics, yield estimate, crop cutting experiments, selection of beneficiaries & site for demonstrations, minikits including execution of other schematic activities. Besides he shall also guide for preparation of action plan for crop diversification, inter and mixed cropping, cropping programme for individual farmers under command area of canals, lift points, dug wells, water harvesting structures, etc.
7. He shall visit every VAW/ AO circle at least once in every month. He shall plan his tour programme to visit each unit of the VAW circle once in every crop season. He will submit his advanced tour programme of the month to DAO/ ADAO accordingly by 10th of preceding month and tour diary by 10th of succeeding month.

8. He shall supervise the activities of VAWs/ AOs during course of field visit and make field observations on demonstrations, minikits, trials, crop cuttings, pest situation and attend group meeting arranged by the VAW/AO.
9. He shall check the VAW/AO diaries/ Register and record his observation.
10. He shall attend the office on Monday and devote Tuesday to Thursday of the week on field visit except important assignments & meetings. He shall attend and conduct the bi-weekly training and review meeting of the block. He should conduct field visit during morning hour and attend office in afternoon.
11. He shall maintain with him the details of fixed visit programme of VAWs/AOs and monitor and review the progress of each VAW/AO.
12. He shall compile the applications collected by VAWs /AOs for crop loan, dug well, shallow / deep tube wells, KSK, Implements and forward to the appropriate authority/ issue go ahead letter in time as per guide line.
13. He shall attend the AAO's conference, review meetings, credit meetings at block level, panchayat Samity meetings and all other meeting as called by higher authorities and other departments. He shall apprise the Panchayat Samity about the agricultural activities to get the Kharif and Rabi programme approved by the Panchayat Samity.
14. He shall attend the Agro clinic in his head quarter on every Friday / Saturday and maintain the field problem register.
15. He shall keep close liason with block level officials of the line department, Panchayat Samity Members including Block Development Officer.
16. The block sale centre will be in his direct supervision and he is to take all possible steps for availability and sale of inputs as per farmers' requirement. He shall physically verify the stock and atore as and when required and see that sale proceeds are deposited timely.
17. He shall initiate the CCR of AO/ VAW working under his control and submit to the proper quarter.
18. He shall keep liaison with the Sugar factories and promote location specific high value commercial crops.
19. He shall discharge duties as fertilizer/ seed inspector and implementation of other agricultural legislations as notified by Government without fear & favour in his jurisdiction and to ensure that the control acts/ orders are strictly adhered to.

20. He shall assist the block administration in preparing the report on any sorts of natural calamity/ epidemic and involve himself in various programmes to combat such situation.
21. He shall be the guiding force for agriculture entrepreneurs and motivate them for settlement through krushi sahayak kendras.
22. He shall be responsible for preparation and presentation of consolidated block report to the higher authorities in consultation with other Junior Agriculture Officers of the block.
23. He can give his ephemeral comments on the annual performance of other JAO working in the block to the CCR initiating authority.
24. He can have surprise visit to assess the work of any AO/ VAW of the block even beyond his circle and report any lapses to the higher authorities.
25. He shall involve himself in preparation of crop planning in pani panchayat areas with help of AO/ VAW and attend the meeting.
26. He shall document the successful achievements for publication.
27. Any other duties which may be assigned to him for development of agriculture.

B: JOB CHART OF AGRICULTURE OVERSEER (AO) IN UP GRADED CIRCLE

1. Each Agriculture Overseer shall be in charge of 3-5 Gram Panchayats in addition to his own head quarter GP. He shall operate his office in the GP office.
2. The Deputy Director of Agriculture will assign the Gram Panchayats in consultation with District Agriculture Officer.
3. To monitor / supervise the work of VAWs working in his jurisdiction.
4. To have field visit 4 days in a week i.e. Monday to Thursday in morning hours and attend the office at his head quarter in the afternoon. Out of the 4 days of field visit he shall devote 2 days for his own GP and rest 2 days for the assigned GPS. If failed to do so, then he should cover the same between Friday to Sunday.
5. Shall prepare an annual visit plan to cover all the villages of the GPs under his jurisdiction at least once in every two months & furnish to his controlling officer.
6. Attend the Bi Weekly as per schedule programme. & review meetings as & when called by higher officers.

7. He shall leave a message at his head quarter i.e. GP office for his Changed visit programme to facilitate the supervising officers.
8. To monitor for increasing production and productivity of crops of his circle maintaining the base records for comparison.
9. Conduct/ organize & supervise Demonstration, Minikit, seed village programme, Diversified Cropping Programme, introduction of new crops/ varieties and other special programmes along with group discussion.
10. Monitor Seed Replacement Rate and also ensure purchase and use of quality seeds by the farmers.
11. To maintain and carry a record of the events of work done by him during his field visit & shall also record the observations & problems of farmers including feed back separately in a register.
12. The registers will be checked by his controlling Assistant Agriculture officer/ Junior Agriculture Officer regularly along with other senior officials. He shall produce these register to the inspecting authorities as and when required.
13. Assess the requirement of different inputs for his circle.
14. Promote the use of modern agriculture machineries, implements and equipments and creation of irrigation potentiality through Shallow Tube wells, Medium Tube wells, Bore wells and Dug wells etc. in his circle. He should also collect applications form eligible farmers.
15. Attend/ conduct and report all types of Crop Cuttings.
16. Attend the GP meetings regularly.
17. To conduct pest surveillance work and collect surveillance form from VAWs under his jurisdiction to inform higher quarters.
18. To collect soil samples as per the target fixed and promote the soil testing among the farmers and keep record of it to follow up the recommendation in farmers' field.
19. To promote organic farming in his area.
20. To report immediately about the happenings of any natural calamity, adverse weather and crop situation to AAO.
21. To help in administer of Calamity Relief Fund subsidy to the affected households/ beneficiaries as and when assigned by higher officials.

22. Actively involve himself in National Food Security Mission/ Government schemes and programmes and other key activities.
23. Can give his ephemeral comments on the annual performance of the VAWs concerned to the CCR initiating authority.
24. Besides the above he shall perform any other job as and when assigned by the higher authorities.

C: JOB CHART OF AGRICULTURE OVERSEER (AO) WORKING IN THE SOIL TESTING LABORATORY.

1. Receive the soil samples and dispatch the soil health cards.
2. Analyse the soil samples under the guidance of the Soil Chemist/ Asst. Agril. Officer/Junior Agril. Officer working in the laboratory.
3. Prepare the soil test reports basing on the results analysed.
4. Maintain all routine registers.
5. Responsible to keep the laboratory neat and clean.
6. To be kept in charge of stock and store of the laboratory as desired by authority.
7. Any other duties assigned to him by the Soil Chemist and other higher authorities for smooth management of the laboratory.

D: JOB CHART OF AGRICULTURE OVERSEER (AO) WORKING IN THE FERTILISER / PESTICIDE TESTING LABORATORY.

1. To assist the Assistant Agriculture Officer in analyzing the samples.
2. Responsible to keep the laboratory neat and clean.
3. To be kept in charge of stock and store of the laboratory as desired by authority.
4. Any other duties assigned to him by the higher authorities for smooth management of the laboratory.

E: JOB CHART OF AGRICULTURE OVERSEER (AO) WORKING IN THE SEED TESTING LABORATORY.

1. Responsible for registration of seed samples received for analysis.
2. Take care for engagement of casual labourers and their work assignment.
3. Responsible for counting, recording observation and prepare sub-strata and media for testing of seeds.
4. Assist the concerned officer in the process of seed testing.
5. Take care to keep the laboratory clean and workable condition.
6. Receive the stock from the store keeper and be responsible for utilization of the same.
7. To prepare the analysis cards/ reports under the guidance of the concerned officer.
8. Any other duties assigned to him by the higher authorities for smooth management of the laboratory.

F: JOB CHART OF AGRICULTURE OVERSEER WORKING IN THE OFFICE OF THE DISTRICT AGRICULTURE OFFICER / ADDITIONAL DISTRICT AGRICULTURE OFFICER AS PLANT PROTECTION ASSISTANT.

1. Assist the Plant Protection officer / Assistant Agriculture officer (Pest Surveillance) in connection with the plant protection activities in the area.
2. Compile the pest surveillance reports collected from the field under the guidance of the Plant Protection officer / Assistant Agriculture officer (PS).
3. Promote the sale/ Use of Bio control agents/ Bio fertilizers.
4. Handle the stock and store related to different schemes as desired by authority.
5. Any other duties assigned to him by the higher authorities for control of pest problem in the area.

G: JOB CHART OF AGRICULTURE OVERSEER (AO) WORKING IN THE BACTERIA INOCULUM LABORATORY UNDER DEPUTY DIRECTOR OF AGRICULTURE (PLANT PROTECTION).

1. Responsible to keep stock & store of the Laboratory.
2. Maintain production and sale registers.
3. Responsible for timely sale and deposit of sale proceeds.

4. Assist the appropriate authority in production process of bio-fertiliser.
5. Responsible for cleanness of the laboratory.
6. Prepare Monthly Progress Report and other reports.
7. Any other duties assigned to him by the higher authorities for smooth management of the laboratory.

H: JOB CHART OF AGRICULTURE OVERSEER (AO) WORKING IN THE SALE CENTRE.

1. Receive and maintain the stock of Agriculture inputs like seeds, implements, fertilizers etc along with all types of inputs of demonstration/ minikits.
2. Responsible to make the sale centre open as per the schedule time and sell the received/ distribute the inputs to the farmers.
3. Deposit the sale proceeds regularly in time as per the instruction of the Deputy Director of Agriculture/ District Agriculture Officer/ Additional District Agriculture Officer/Assistant Agriculture officer of the block.
4. Maintain all the records of the sale centre and deposit for verification by Assistant Agriculture Officer of the block regularly and for the verification of other higher authorities.
5. Conduct germination test of the seeds before sale.
6. Inform the position of sale and available stock of inputs daily to the concerned Assistant Agriculture Officer of the block.
7. Assist the Assistant Agriculture Officer of the concerned block in preparation of reports/ returns/ maintenance of registers.
8. Assist the Assistant Agriculture Officer of the concerned block during soil sample analysis at block level.
9. Attend biweekly/ review meeting regularly.
10. Provide technical guidance to the farmers in absence of AAO.
11. Keep proper account of the implements sold and submit the monthly progress report to the Assistant Agriculture Engineer with copy to DDA/ DAO being duly countersigned by AAO.
12. Ensure the cleanness and safety of the sale centre.
13. Ensure proper performance of the watchman / casual labourers and report to AAO.
14. Distribute demonstration/ minikits materials etc. to farmers/ VAWs as per the instruction of AAO.
15. Display the stock and rate chart.

16. Attend the monthly seed input meeting and all other meetings as called by DDA/ DAO/ ADAO.
17. Any other duties assigned to him by the higher authorities towards smooth management of the sale centre.

I: JOB CHART OF AGRICULTURE OVERSEER (AO) WORKING IN THE GOVERNMENT AGRICULTURE FARM.

1. To prepare the crop plan for the farm in consultation with the Farm Superintendent/ Farm management Specialist for utilization of the cultivated area.
2. Pre- positioning of inputs before start of the cropping season and to purchase the same observing due financial procedure.
3. To maintain the bullocks/ machineries of the farms and to make it operational before start of the cropping season.
4. To maintain all the farm records like Muster Roll, Overseer Diary, day Book, Procedure Register, Cattle feed Register, Log Book of the machineries and stock book etc.
5. To monitor the Agriculture operations by allotting works among the permanent labourers (PL)/ casual labourers and overall supervision of the works during the cropping season.
6. To look after the infrastructure development works/ NREGA/ BRGF works to be taken up in the farm.
7. Cost of cultivation of (foundation/ certified) seed crops are to be followed as per the norms of expenditure approved by the Government. Any deviation to this should be justified and approved by the DA&FP (O).
8. To assist the assigned officer to conduct crop cutting experiments during each cropping season in order to assess the crop yield.
9. To take necessary steps for timely processing, bagging and tagging of the farm produce.
10. Timely submission of monthly progressive report to higher authority.
11. To compile information in the farm booklets indicating the inventory, area, production, productivity, soil analysis, expenditure and revenue receipts etc.
12. To take necessary steps to make the farm profitable.
13. To attend the visit of higher authorities and record it in the farm visit note book.
14. To execute the farm works of seed production, development (construction) works, supply of irrigation, seed certification etc. by coordinating by the line departments.
15. To maintain cleanliness in the farm in such a way that the farm will be a model platform for demonstration of new improved technology.
16. To promote organic farming and modern crop technologies in the farm.

17. Ensure to maintain the farm assets and auction/ dispose of the farm bi-products to maximize the revenue receipt of the farm.
18. Any other duties assigned to him by the higher authorities towards smooth management of the farm.

J: JOB CHART OF VILLAGE AGRICULTURAL WORKERS (VAW).

1. Each VAW shall be in charge of one/ two Gram Panchayats forming a VAW circle. The villages of the circle will be divided into 8 units basing on the farm house holds.
2. Cover the units of his circle once in every fortnight by field visit of 4 days in a week i.e. Monday to Thursday in morning hours and attend the office at his head quarter in the afternoon. If failed to do so, then he should cover the same between Friday to Sunday.
3. Select 10 progressive farmers for each unit from different socio-economic group of farmers including two farm women with due importance to SC/ ST farmers in consultation with the respective people's representative under the guidance of AO under intimation to concerned AAO and record their names in his diary.
4. Attend the Bi Weekly & review meetings. In the Bi-weekly training, he shall transmit the feed back on technology messages, input requirements and progress of achievements on the targets given for crop production, input management including farm credit and others.
5. His/Her goal is to raise the productivity in every farm land keeping harmony with the environment and protection of soil, water and other natural resources. He/ she should make a whole-hearted effort in delivering the sustainable Agricultural Technology.
6. To study agricultural activities of his circle and acquaint him with different farming situations and make a bench mark survey of the category of farmers. Land utilization, area, production and productivity statistics, type of cropping pattern followed, crop varieties grown, rainfall, irrigation facilities and input supply arrangements etc. and keep the data in his Basic information register and transmit a copy of the same to the AAO. The basic information so collected will be updated time to time.
7. To monitor for increasing production and productivity of crops of his circle maintaining the base records for comparison.
8. To conduct/ organize & supervise demonstration, minikit, seed village programme, diversified cropping programme, introduction of new crops/ varieties and other special programmes along with group discussion.
9. To prepare situation specific crop production plan for each farmer and for each village in his circle and assess their requirement of inputs in a realistic manner.
10. To advise/ prepare the long term action plan for increasing seed replacement ratio, level of fertilizer consumption, use of bio-fertilizers, use of improved farm implements and machinery, increasing irrigation potential through dug wells, deep/shallow tube wells, etc.

11. To utilize the quantum of subsidy on seeds, fertilizers, bio-fertilizers, implements, power machineries, sprinklers etc. in his circle as per the target fixed by the AAO.
12. To encourage/ promote purchase and use of quality seeds by the farmers.
13. To maintain and carry a record of the events of work done by him during his field visit & shall also record the observations & problems of farmers including feed back separately in registers. He will obtain signature of the farmers whom he met during the field visit.
14. The registers will be checked by Agriculture Overseer and his controlling Assistant Agriculture officer regularly along with other senior officials. He shall produce these registers to the inspecting authorities as and when required.
15. To assess the requirement of different inputs for his circle in consultation with interested farmer groups.
16. Promote the use of modern agriculture machineries, implements and equipments and creation of irrigation potentiality through Shallow Tube wells, Medium tube wells, Bore wells and Dug wells etc. in his circle. He should also collect applications form eligible farmers.
17. Attend/ conduct all types of Crop Cuttings.
18. Attend the GP meeting regularly and apprise the Agriculture Development Plans of the GP.
19. To conduct pest surveillance work, prepare surveillance form and submit to AO.
20. To collect soil samples as per the target fixed and promote the soil testing among the farmers and keep record of it to follow up the recommendation in farmers' field.
21. To promote organic farming in his area.
22. To report immediately about the happenings of any natural calamity, adverse weather and crop situation to the AAO.
23. To help in administer of Calamity Relief Fund subsidy to the affected households/ beneficiaries as and when assigned by higher officials.
24. Actively involve himself in National Food Security Mission/ Government schemes and programmes and other key activities.
25. To maintain effective coordination with the officials of allied sectors like Panchayat Raj, Water Resources, Cooperation, Commercial Banks and take their assistance to solve farmers problems and in case of any problem he shall bring to the notice of the AAO.
26. He/She should never stop striving to achieve higher and higher percentage of success in his goal of crop productivity, input use, adoption of skills and practices by the farmers, farm women and youths with ultimate aim of building self confidence within and without and more economic returns to the farming community of his circle.
27. To motivate the farmers/farm women for constituting Self Help Groups and ATMA activities.
28. Besides the above he shall perform any other job as and when assigned by the higher authorities.

CHAPTER- 6

6.1. Contact officers at different revenue districts/ subdivision level:

Sl. No.	Name of the revenue district	Contact persons at the revenue district/ subdivision level	Other contact persons
1	Balasore	i) Deputy Director of Agriculture, Balasore, At/PO-Balia, Dist.-Balasore Phone-06782-262127 ii) District Agriculture Officer, Balasore, Phone-06782-262068	DAO, Jaleswar DAO, Nilgiri ADAO, Soro ADAO, Simulia AAO of each block
2	Bhadrak	i)Deputy Director of Agriculture, Bhadrak. ii)District Agriculture Officer, Bhadrak, Phone-06784-250906	DAO, Dhamnagar AAO of each block
3	Bolangir	i)Deputy Director of Agriculture, Bolangir, At/PO- Bolangir Phone-06652-250195 ii)District Agriculture Officer, Bolangir, Phone-06652-250073 iii) District Agriculture Officer, Titilagarh, Phone-06655-220168	DAO, Patanagarh AAO of each block
4	Sonepur	i)Deputy Director of Agriculture, Sonepur ii) District Agriculture Officer, Sonepur. Phone-06654-220228	DAO, Birmaharajpur ADAO, Dungripali AAO of each block
5	Cuttack	i)Deputy Director of Agriculture, Cuttack, At/PO- Nayabazar Dist.-Cuttack, Phone-0671-2442654 ii) District Agriculture Officer, Cuttack, Phone-0671-2442496 iii) District Agriculture Officer, Attagarh, Phone-06723-220226 iv) District Agriculture Officer, Banki, Phone-06723-240262	DAO, Salipur AAO of each block
6	Jagatsingpur	i)Deputy Director of Agriculture, Jagatsingpur ii) District Agriculture Officer, Jagatsingpur, Phone-06724-220061	DAO, Tirtol AAO of each block
7	Jajpur	i)Deputy Director of Agriculture, Jajpur. ii) District Agriculture Officer, Jajpur, Phone-06728-222058	DAO, Jajpur road ADAO, Dharmasala AAO of each block
8	Kendrapada	i)Deputy Director of Agriculture, Kendrapada. ii) District Agriculture Officer, Kendrapada, Phone-06727-23212	DAO, Patamundai ADAO, Marshaghai AAO of each block

Sl. No.	Name of the revenue district	Contact persons at the revenue district/ subdivision level	Other contact persons
9	Dhenkanal	i)Deputy Director of Agriculture, Dhenkanal, At/PO/Dist.-Dhenkanal Phone-06762-224662 ii) District Agriculture Officer, Dhenkanal, Phone-06762-224545 iii) District Agriculture Officer, Kamakhyanagar, Phone-06769-270457	DAO, Hindol AAO of each block
10	Angul	i)Deputy Director of Agriculture, Angul ii) District Agriculture Officer, Angul, Phone-06764-230351 iii) District Agriculture Officer, Talcher, Phone-06760-240273	DAO, Athamallik DAO, Pallhara AAO of each block
11	Ganjam	i)Deputy Director of Agriculture, Ganjam, At/PO-Berhampur, Phone-06802-290239 ii) District Agriculture Officer, Berhampur, Phone-0680-226193 iii) District Agriculture Officer, Aska, Phone-06822-273621 iv) District Agriculture Officer, Chhatrapur, Phone-06811-263905	DAO, Khalikote DAO, Bhanjanagar ADAO, Digapahandi AAO of each block
12	Gajapati	i)Deputy Director of Agriculture, Gajapati ii) District Agriculture Officer, Paralakhemundi, Phone-06815-222243	DAO, R. Udayagiri AAO of each block
13	Kalahandi	i)Deputy Director of Agriculture, Kalahandi, At/PO- Bhawanipatna Phone-06670-230751 ii) District Agriculture Officer, Bhawanipatna, Phone-06670-230572 iii) District Agriculture Officer, Dharmagarh, Phone-06672-242256	DAO, Narla AAO of each block
14	Nuapada	i) Deputy Director of Agriculture, Nuapada ii) District Agriculture Officer, Khariar, Phone-06671-232240	ADAO, Nuapada AAO of each block
15	Kandhamal	i)Deputy Director of Agriculture, Kandhamal , At/PO- Phulbani Phone-06842-253773 ii) District Agriculture Officer, Phulbani, Phone-06842-253623	DAO,G. Udayagiri DAO, Baliguda ADAO, Nuagaon AAO of each block

Citizen Charter

Sl. No.	Name of the revenue district	Contact persons at the revenue district/ subdivision level	Other contact persons
16	Boudh	i)Deputy Director of Agriculture, Boudh ii) District Agriculture Officer, Boudh, Phone-06841-222004	AAO of each block
17	Keonjhar	i)Deputy Director of Agriculture, Keonjhar, At/PO/ Dist.- Keonjhar, Phone-06766-255596 ii) District Agriculture Officer, Keonjhar, Phone-06766-255439 iii) District Agriculture Officer, Anandapur, Phone-06733-220766 iv) District Agriculture Officer, Champua, Phone-06767-240232	ADAO, Gatagaon AAO of each block
18	Koraput	i)Deputy Director of Agriculture, Koraput , At/PO- Jeypore Phone-06854-251423 ii)District Agriculture Officer, Koraput, Phone-06852-251268 iii) District Agriculture Officer, Jeypore, Phone-06854-230616	DAO, Laxmipur ADAO, Nandapur AAO of each block
19	Rayagada	i)Deputy Director of Agriculture, Rayagada ii) District Agriculture Officer, Rayagada, Phone-06856-222064 ii) District Agriculture Officer, Gunupur, Phone-06857-250496	DAO, Muniguda AAO of each block
20	Malkanagiri	i)Deputy Director of Agriculture, Malkanagiri ii) District Agriculture Officer, Malkanagiri, Phone-06861-230242	DAO, Kalimela ADAO, Govindapali AAO of each block
21	Nawarangpur	i)Deputy Director of Agriculture, Nawarangpur ii) District Agriculture Officer, Nawarangpur,Phone-0658-222017	DAO, Umerkote ADAO, Papadahandi AAO of each block
22	Mayurbhanj	i)Deputy Director of Agriculture, Mayurbhanj, At/PO-Baripada Phone-06792-252743 ii)District Agriculture Officer, Baripada, Phone-06792-252677 iii) District Agriculture Officer, Karanjia, Phone-06796-220224 iv) District Agriculture Officer, Rairangpur, Phone-06794-222682	DAO, Betnati DAO, Udala DAO, Bahalda ADAO, Bangiriposhi ADAO, Jashipur AAO of each block

Sl. No.	Name of the revenue district	Contact persons at the revenue district/ subdivision level	Other contact persons
23	Puri	i)Deputy Director of Agriculture, Puri, At/PO/Dist.- Puri, Phone-06752-223007 ii) District Agriculture Officer, Puri, Phone-06752-222067	DAO, Nimapara ADAO, Sakhigopal AAO of each block
24	Khurda	i)Deputy Director of Agriculture, Khurda ii) District Agriculture Officer, Khurda, Phone-06755-220523	DAO, Bhubaneswar DAO, Tangi AAO of each block
25	Nayagarh	i)Deputy Director of Agriculture, Nayagarh ii) District Agriculture Officer, Nayagarh, Phone-06753-252332	DAO, Daspalla AAO of each block
26	Sambalpur	i)Deputy Director of Agriculture, Sambalpur, At/PO/Dist.- Sambalpur Phone-0663-2402944 ii)District Agriculture Officer, Sambalpur, Phone-0663-2520364 iii) District Agriculture Officer, Kuchinda, Phone-06642-220026	DAO, Rairakhol AAO of each block
27	Baragarh	i)Deputy Director of Agriculture, Baragarh ii) District Agriculture Officer, Baragarh, Phone-06646-233354 ii) District Agriculture Officer, Padampur, Phone-06683-270139	DAO, Sohela ADAO, Bhatli AAO of each block
28	Deogarh	i)Deputy Director of Agriculture, Deogarh ii) District Agriculture Officer, Deogarh, Phone-06641-229252	AAO of each block
29	Jharsuguda	i)Deputy Director of Agriculture, Jharsuguda ii) District Agriculture Officer, Jharsuguda,Phone-06645-272408	ADAO, Kolabira AAO of each block
30	Sundargarh	i)Deputy Director of Agriculture, Sundargarh, At/PO- Sundargarh Phone-06622-273861 ii) District Agriculture Officer, Sundargarh,Phone-06622-272257 iii) District Agriculture Officer, Panposh, Phone-0661-2664139 iv) District Agriculture Officer, Bonei, Phone-06626-244449	DAO, Rajgangpur ADAO, Lephripada AAO of each block

CHAPTER- 7

7.1. AGRICULTURAL EDUCATION AND RESEARCH INSTITUTES

	Institutions	Locations
A	Orissa University of Agriculture & Technology, (OUAT) Bhubaneswar.	
1	College of Agriculture	Bhubaneswar.
2	College of Agriculture	Chiplima, Sambalpur
3	College of Agriculture	Bhabanipatna, Kalahandi
4	College of Agricultural Engineering & Technology	Bhubaneswar
5	College of Veterinary Science & Animal Husbandry	Bhubaneswar
6	College of Fishery Science	Rangeilunda, Ganjam
7	College of Home Science	Bhubaneswar
8	College of Forestry	Bhubaneswar
9	College of Horticulture	Chiplima, Sambalpur
10	(Self Finance) Centre for P.G. Studies	Bhubaneswar
11	College of Statistics	Chiplima, Sambalpur
B	Departmental Training Institutes	
1	Institution on Management of Agricultural Extension (IMAGE)	Bhubaneswar
2	Regional Institution on Training & Extension (RITE)	Mahisapat (Dhenkanal)
3	Regional Institution on Training & Extension (RITE)	Bolangir
4	Regional Institution on Training & Extension (RITE)	Rangeilunda (Ganjam)
5	Minor Irrigation & Water Use Training Institute	Bhubaneswar
6	State Seed Testing Laboratory	Bhubaneswar
7	Orissa Farm Machinery Research and Development Center (OFMRDC)	Bhubaneswar

7.2.DIFFERENT LABOTORIES UNDER THE DIRECTORATE:

SOIL TESTING LABORATORIES		
	Location	Operational Districts
1	Bhubaneswar	Puri, Khurda, Nayagarh, Dhenkanal & Angul
2	Balasore	Balasore, Bhadrak, & Keonjhar
3	Bolangir	Bolangir & Sonepur
4	Cuttack	Cuttack, Jagatsinghpur, Jajpur & Kendrapara
5	Berhampur	Ganjam & Gajapati
6	Bhawanipatna	Kalahandi & Nuapada
7	Semiliguda	Koraput, Malkangiri, Nawarangpur & Rayagada
8	Baripada	Mayurbhanj
9	Phulbani	Kandhamal & Boudh
10	Sambalpur	Sambalpur, Bargarh, Deogarh & Jharsuguda
11	Sundargarh	Sundargarh

INSECTICIDE TESTING LABORATORIES	
1.	Insecticide Testing Laboratory – Saheed Nagar, Bhubaneswar
FERTILISER TESTING LABORATORIES	
1.	State Fertiliser Quality Control Laboratory – Saheed Nagar, Bhubaneswar
2.	Fertiliser Quality Control Laboratory - Modipara, Sambalpur
SEED TESTING LABORATORY	
1.	State Seed Testing Laboratory – Samantarapur, Bhubaneswar.

7.3. OTHER RELATED ORGANIZATIONS LINKED TO THE DIRECTORATE

Sl. No.	Name of the Organisation	Contact number
1	Orissa State Seeds Corporation (OSSC), Santarapur, Bhubaneswar-2	-Managing Director.-0674-2340573,E- Mail : statesseeds@sancharnet.in
2	Orissa State Seeds & Organic Products Certification Agency (OSSOPCA), Bermunda, Bhubaneswar	Director-0674-2561783
3	Agriculture Promotion & Investment Corporation Limited (APICOL), Bermunda, Bhubaneswar	Managing Director-0674-2561525
4	Orissa Agro Industries Corporation (OAIC), Satyanagar, Bhubaneswar	Managing Director-0674-2570687
5	Institution on Management of Agricultural Extension (IMAGE), Siripur, Bhubaneswar	Director-0674-2562151

7.4. ICAR Institutes in Orissa.

Sl. No.	Name of the Organisation	Contact number
1	Central Rice Research institute(CRRI),Cuttack-753006	root@crri.ori.nic.in Phone: 0671-2367757
2	NPBGR Regional Station, CRRI Campus,Cuttack	Phone: 0671-2442727
3	Regional Center of CTCRI, Bhubaneswar	Phone: 0674-2472558
4	Central Horticulture Experiment Station,IIHR,Bhubaneswar	Phone: 0674-2471712
5	Water Technology Center for Eastern Region (WTCER), Chandrasekharpur, Bhubaneswar	wtcer @400.nicgw.nic.in Phone:0674-2300060
6	National Research Center for Women in Agriculture (NRCWA),Khandagiri, Bhubaneswar	nrcwa@ori.nic.in Phone:0674-2384241
7	Central Institute of Fresh Water Aquaculture(CIFA),Kausalyaganga, Bhubaneswar	cifa@ori.nic.in Phone:0674-2465421

CHAPTER- 8

AGRO-CLIMATIC ZONES OF ORISSA							
NORMAL							
Sl. No.	Agro-climatic Zone	Agricultural Districts	Climate	Mean annual rainfall (mm)	Mean maximum summer temp (°C)	Mean minimum winter temp (°C)	Broad Soil groups
1	North Western Plateau	Sundargarh, parts of Deogarh, Sambalpur & Jharsuguda	Hot & moist sub-humid	1600	38.0	15.0	Red, Brown forest, Red & Yellow, Mixed Red & Black.
2	North Central Plateau	Mayurbhanj, major parts of Keonjhar, (except Anandapur & Ghasipura block)	Hot & moist sub-humid	1534	36.6	11.1	Lateritic, Red & Yellow, Mixed Red & Black.
3	North Eastern Coastal Plain	Balasore, Bhadrak, parts of Jajpur & Hatadihi block of Keonjhar.	Moist sub-humid	1568	36.0	14.8	Red, Lateritic, Deltaic alluvial, Coastal alluvial & Saline.
4	East and South Eastern Coastal Plain	Kendrapara, Khurda, Jagatsinghpur, part of Cuttack, Puri, Nayagarh & part of Ganjam.	Hot & humid	1577	39.0	11.5	Saline, Lateritic, Alluvial, Red and Mixed Red & Black.
5	North Eastern Ghat	Phulbani, Rayagada, Gajapati, part of Ganjam &	Hot & moist, sub-humid	1597	37.0	10.4	Brown forest, Lateritic Alluvial, Red,

		small patches of Koraput.					Mixed Red & Black.
6	Eastern Ghat High Land	Major parts of Koraput, Nawarangpur.	Warm & humid	1522	34.1	7.5	Red, Mixed Red & Black, Mixed Red & Yellow.
7	South Eastern Ghat	Malkangiri & part of Koraput.	Warm & humid	1710	34.1	13.2	Red, Lateritic, Black.
8	Western Undulating Zone	Kalahandi & Nuapada.	Hot & moist sub-humid	1352	37.8	11.9	Red, Mixed Red & Black, Black.
9	Western Central Table Land	Bargarh, Bolangir, Boudh, Sonapur, parts of Sambalpur & Jharsuguda.	Hot & moist sub-humid	1614	40.0	12.4	Red & Yellow, Red & Black, Black, Brown forest, Lateritic.
10	Mid Central Table Land	Angul, Dhenkanal, parts of Cuttack & Jajpur.	Hot & moist sub-humid	1421	38.7	14.0	Alluvial, Red, Lateritic, Mixed Red & Black.

CHAPTER- 9

(IMPORTANT APPLICATION FORMS.)

9.1 FERTILIZER

FORM “A1” MEMORANDUM OF INTIMATION [See Clause 8 (2)]

1. Designation of Notified Authority
Place
State of
2. Details of the applicant
(a) Name of the applicant :
(b) Name of the concern :
(c) Postal address with telephone number :
3. Place of business (Please give full address)
(i) For Sale []
(ii) For Storage []
4. Whether the application is for -
Manufacture [] Importer [] Pool Handling Agency []
Wholesale [] Retail Dealer []
[Tick mark whichever is applicable]
5. Details of Fertilizers and their source in form ‘O’ *
Name of Fertilizers Whether certificate of source in Form
‘O’ is attached.
(i) Yes [] No []
(ii) Yes [] No []
(iii) Yes [] No []
6. I have deposited the registration fee of Rs
Vide Challan No Dated in the
Bank / Treasury Draft No. Dated
..... for Rs.
drawn on in favour of
towards registration fees.
7. Whether the intimation is for an authorization letter or a renewal thereof (Note: In cash the intimation is for renewal of authorization letter, the acknowledgement in Form A2 should be submitted for necessary endorsement thereon).
8. Any other relevant information.

I have read the terms and conditions of eligibility for submission of Memorandum of Intimation and undertaken that the same will be complied by me and in token of the same, I have signed the same and is enclosed herewith

Date :

Place:

Signature of applicant

Terms and conditions of authorisation

- (1) I shall comply with the provisions of the Fertiliser (Control) Order, 1985 and the notifications issued thereunder for the time being in force.
- (2) I shall from time to time report to the Notified Authority and inform about change in the premises of sale depot and godowns attached to sale depot.
- (3) I shall also submit in time all the returns as may be prescribed by the State Government.
- (4) I shall not sell fertilisers for industrial use.
- (5) I shall file a separate Memorandum of Intimation for, where the storage point is located outside the area jurisdiction of the Notified Authority where the sale depot is located
- (6) I shall file a separate MOI for each place when the business of selling fertilisers is intended to be carried on at more than one place.
- (7) I shall file separate MOI if I carry on the business of fertilisers both as retail and wholesale dealer.
- (8) I confirm that my previous certificate of Registration or Authorisation is not under Suspension or Cancellation or debarred from selling of fertilisers.

DECLARATION

I/We declare that the information given above is true to the best of my / our knowledge and belief and no part thereof is false or no material information has been concealed.

Signature of the Applicant(s)

Date:

Place:

FORM 'O'
[SEE CLAUSE 8 AND 11]

No

Date of Issue

1. Particulars of the concern issuing the certificate of source

(a) Name and full address

- (b) Status :
- (i) State Government
 - (ii) Manufacturer
 - (iii) Pool Handling agency
 - (iv) wholesale dealer
 - (v) Importer

(c) If manufacturer of mixture of fertilizers, the details of certificate of manufacture of mixture of fertilizers possessed:

- (i) Number
- (ii) Date of issue
- (iii) Date of expiry
- (iv) Grades of mixtures of fertilizers allowed to be manufactured
- (v) Authority by whom issued

(d) Details of certificate of registration

- (i) Number
- (ii) Date of issue
- (iii) Date of expiry
- (iv) Authority by whom issued

2. Particulars of the person to whom the certificate of source is being issued

(a) Name and full address.....

- (b) Status :
- (i) Wholesale dealer
 - (ii) Retail dealer
 - (iii) Industrial dealer

(c) If holds a valid certificate of registration, the details thereof:

- (i) Number
- (ii) Date of issue
- (iii) Date of expiry
- (iv) Authority by whom issued

(d) Purpose of obtaining the certificate of source:

- (i) For obtaining a fresh certificate of registration
- (ii) For renewal of the certificate of registration

3. Details of fertilizer (s) to be supplied:

Sl. No.	Name of fertilizers	Trade mark / Brand Name
1.	2	3
1.		
2.	3.	

4. Declaration: Declared that the fertilisers mentioned above will be supplied conforming to the standards laid down under the Fertilizers (control) Order, 1985 and, as the case may be, grades/ formulations (of mixtures of fertilisers) notified by the Central/State Government and packed and marked in container as provided under clause 21 of the Fertilisers(Control) Order, 1985.

*Signature with stamp of the
Authorised Officer*

FORM 'D'(See clause 14(2) and 18 (1))

**Form of Application to obtain a certificate of manufacture of
Physical / granulated mixture of fertiliser of organic fertiliser / Bio-Fertiliser**

To

The Registering Authority

Place

State of

- (1) Full Name and address of the applicant:
- (2) Does the applicant possess the Qualification prescribed by the State Government under sub - clause 14 of the fertiliser control under, 1985
- (3) Is the applicant a new comer ? (Say 'Yes' or 'No')
- (4) Situation of the applicant's premises where physical / granulated mixture organic fertilizer / Biofertiliser will be prepared.
- (5) Full particulars regarding specifications of the physical / granulated mixture of fertilizers / organic fertilizer/ Bio-fertiliser for which the certificate is required and the raw materials used in making the mixture.
- (6) Full particulars of any other certificate of manufacture, if any, issued by any other Registering Authority.
- (7) How long has the applicant been carrying on the business of preparing physical / granulated mixture of fertilizers / organic fertilizer / Bio-fertiliser mixture of micronutrient fertilizers ?
- (8) Quantities of each physical / granulated mixture of fertilizers / mixture of micronutrient fertilizers / organic fertilizers / Bio -fertilisers (in tonnes) in my / our possession on the date of the application and held at different addresses noted against each.
- (9) (i) If the applicant has been carrying on the business of preparing physical / granulated mixtures of fertilizers / mixture of micronutrient fertilizers / organic fertilizers / Bio- fertilisers, give all particulars of such mixtures handled, the period and the place (s) at which the mixing of fertilizers was done.

(ii) Also give the quantities of physical / granulated fertilizer mixture, organic fertilizer / Bio-fertiliser handled during the past calendar year.
- (10) If the application is for renewal, indicate briefly why the original certificate could not be acted on with in the period of its validity.

- 2 -

Declaration

- (a) I have deposited the prescribed registration certificate fee / renewal fee.
- (b) I / we declare that the information given above is true and correct to the best of my / our knowledge and belief, and no part there is false.
- (c) I / we have carefully read the term and conditions of the certificate of manufacture given in Form F appended to the Fertiliser control under, 1985 and agree to abide by them.
- (d) I/we declare that the physical / granulated mixture / organic fertilizer / Bio-fertiliser for which certificate of manufacture is applied for shall be prepared by me / us or by a person having such qualification as may be prescribed by the State Government from time to time or by any other person under my/our direction, supervision and control or under the direction, supervision and control of person having the said qualification.
- (e) I / we declare that the requisite laboratory facility specified by the Controller, under this Order is possessed by me / us.

Name and address of the applicant

In block letters:

Date:

Signature of applicant(s)

FORM 'C'

(See clause 11)

**APPLICATION FOR RENEWAL OF THE CERTIFICATE OF REGISTRATION
TO CARRY ON THE BUSINESS OF SELLING FERTILISERS
IN RETAIL / WHOLESALE / *FOR INDUSTRIAL USE**

To

The Registering Authority / * Controller

Place:

State:

I / We hereby apply for renewal of the certificate of registration to carry on the business of selling fertilizers in retail/ wholesale/ * for industrial use under the name and style of The Certificate of Registration desired to be renewed was granted by Registering Authority for the (mention place and state) and allotted registration certificate no. on the day of

2. (i) I / We hereby declare that the situation of my/ our premises where fertilizers are

(a) stored and (b) sold is as stated below.

(a)

Premises where fertilizers are stored
sold

(b)

Premises where fertilizers are

(ii) I / We hereby declare that the fertilizer(s) in which I / we am / are carrying on the business of selling and the name(s) of manufacturer(s) / importer (s), Comodity Board(s), State Government(s) and Wholesale Dealer(s) whom I/we represent are as stated below :

(a)

(b)

name(s) of fertilizer(s)

Name(s) of manufacturer(s)/ importer(s)
Commodity Board(s), Wholesale Dealer(s)

3. I/we enclose a certificate of source from the manufacturer(s) importer(s) Commodity Board(s), State Government(s) Wholesale Dealer(s) whom I/we represent or intend to represent and from whom fertilizer(s) will be obtained by me/us.

4. I have deposited the renewal fee of Rs. vide challan no.
..... dated in Treasury / Bank
..... or I enclose the Demand Draft No.
dated for the Rs. drawn on
..... Bank, in favour of
..... payable at towards renewal fee (Please strike out
whichever not applicable).

Full Name and Address of the applicant(s)
(in block letters)

[Signature of applicant(s)]

Date :

Place :

9.2. ENGINEERING SCHEMES

Annexure - I

Part - A

APPLICATION FORM FOR PURCHASE OF FARM MACHINERIES AND EQUIPMENTS

1. Name of the farmer / farmers

Organization

Village:

Post:

G.P.:

Block:

P.S.:

Sub - Division:

District:

2. Qualification (give a tick to the appropriate)

(Under Matric / Matric/Under Graduate/ Graduate)

3. KSK Name & Code :

4. Total Land Holding (in Area):

Crops taken up during last year

Crop

Area

Irrigated

Rainfed

5. Particulars of Machineries to be purchased with make & model

6. Name of the supplier

7. Cost of the machinery

8. Sources of Fund (in Rs.)

Self

Loan

Subsidy

9. Name of the Financing Institution:

10 Terms of Repayment

Date:

Full Signature of Beneficiary

Place:

Identified by V A W

Full Signature of V A W

Part - B

Received an application from Sri/Smt/ M/s. _____
of village _____ G.P. _____ on Dt. _____

for consideration. The beneficiary is eligible to get subsidy of Rs. _____

(Rupees _____) only
as per the norms specified on purchase of the Machinery.

Date:

Full Signature with Name & Address

Place:

(JAO / AAO)

APPLICATION FORM FOR EXECUTION OF PRIVATE LIFT IRRIGATION POINT UNDER NEW AGRICULTURE POLICY

1. Name of the Farmer /

Farmers / Organisaion : _____

Village : _____

Post : _____

P.S. : _____

Gram Panchayat : _____

Block : _____

Sub-Division : _____

District : _____

2. Qualification : _____

3. Total land holding (ha.) : _____

Irrigated : _____

Rainfed : _____

4. Source of water he proposes to tap Ground water / How water Still water

_____ Plot No. _____ where

he proposes to install the project. (with the details)

5. (a) Own area he proposes to irrigate through the project. (Area map showing the avacut to be enclosed)

Name of the owner (Self)	Plot No.	Area
	Khata No.	

APPLICATION FOR ENERGISATION OF PUMP SETS UNDER BIJU GRAM JYOTI YOJANA

To

The Collector and Nodal Officer_____

Sir/ Madam,

I submit the following information for energisation of my pump set under
B.G.J.Y.

1. Name of the Farmer : -
2. Address a) Village :- b) G.P. :-
c) District:-
3. Location of Source: Kind / Nature : a) Village:-
b) Plot:-

(**DW/STW/DW/Direct Lift**)

Ownership of land:

Year of Installation:

Ayacut:

Source of Funding :

Capacity of Pump:

Approximate distance from the nearest L.T. line:

Yours Sincerely,

Signature of Farmer

Sl. No.

Year:

(As per register of D.A.O.'s Office)

Remarks of A.A.O./J.A.O./V.A.W.:-

Recommendation of D.A.O.:-

Opinion of D.E.C.:-

(Dy. Authorized Officer)

**PROMOTER'S PROFILE
& PROJECT APPRAISAL**

No.

TO BE FILLED BY APICOL

PROJECT CODE: INVESTMENT CATEGORY: A B C

STATE CODE :

DATE OF APPLICATION :

DATE OF APPRAISAL :

DATE OF SANCTION :

PROJECT COST (Rs. In lakhs) :

INVESTMENT RATIO :

Affix the Photograph/s

TO BE FILLED BY APICOL

[To be filled by the promoter/s]

Name of the Promoter/s :

Father / Husband's Name :

Detail Postal address :

Date of Birth :

Educational qualifications detail [from higher secondary onwards]

Qualifications	Year of passing	% of marks obtained	Name of the institutions

Working experience detail [jobs held / enterprise managed]

Period of experience	Designation	Nature of the job and Institution	Gross annual benefits / earning in INR

Present occupation detail [responsibility / type of enterprise]

Name of the enterprise	Responsibility	Benefits

Details of the Property hold [promoter's own and of family]

Title of the property	Ownership	Year of acquisition	Present market value

Current annual income [both of promoter/s and his / their family member/s]

Name of the earner	Sources on income	Annual income in INR	Relationship with the Promoter/s

Details of the Loan / Advances obtained earlier [including the family member]

Name of the loanee promoter/s relation	Year of the loan obtained	Amount of loan in INR	Name of the financial institution	If default the reason

Details of the Promoter/s Contribution [for the project proposed]

Name of the promoters	Amount to be contributed equity participation in INR	Relationship with the Chief promoter

Citizen Charter

Details of the proposed project [enclosed a copy of the project profile]

Proposed location	:	
Product / Services to be produce / marketed	:	
Cost of the project (Rs. In lakhs)	:	
Working capital requirement	:	
Equity participation / Promoter/s own contribution	:	
Proposed commercial bank to avail working capital	:	
What competitive advantage you have in promoting this project, which others may not have or do not have	:	

DATE :

**SIGNATURE
OF THE PROMOTER/S**

**List of documents in support of promoter/s
credential attached with this application :**

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

**SIGNATURE
OF THE PROMOTER/S**

9.3. SEEDS



FORM 'A'

(See clause 4)

FORM OF APPLICATION TO OBTAIN DEALERS LICENCE

To

The Registering Authority

..... (Place)

State of U T of

1. Full name and address of the applicant
 - a. Name and postal address :
 - b. Place of business (Please give exact address) :
 - i. for sale
 - ii. for storage
 2. Is it a proprietary/ partnership/ limited company/
Hindu undivided family concern ?
Give the Name(s) and address (es of proprietor/
partner/ Manager/ Karta) :
 3. In what capacity this application is made
 - i. Proprietor
 - ii. Partner
 - iii. Manager
 - iv. Karta
 4. Was the applicant ever convicted under the Essential Commodities Act,1955 (10 of 1955) or any
order issued there under during the last three years preceding the date of application ? If so, give details.
 5. Give the details of seeds to be handled
Sl. No. Name of seed
 6. I/ We have deposited the licence fee of rupees fifty vide challan No.
..... dated
in treasury/ bank
.....
- 7.

Declaration :

- a. I/We declare that the information given above is true to the best of my/our knowledge and belief and no part thereof is false.
- b. I/We have carefully read the terms and conditions of the licence given in Form 'B' appended to the seeds (control) Order, 1983 and agree to abide by them.

Signature of Applicant

Date :

Place:

Note : (I) Where the business of sellings/ exporting/ importing seeds is intended to be carried on at more than one place, a separate licence should be obtained for each such place.

For use in the Office of Licensing Authority

Date of receipt

Name and designation of officer receiving the application.



FORM 'B'
(See clause 5)

LICENCE TO CARRY ON THE BUSINESS OF A DEALER IN SEEDS

Licence No.....

Date:

Subject to the provisions of the Seeds (Control) order, 1983 and to the terms and conditions of this Licence Shri / Ms. is hereby granted licence to sell, export, import and store for the said purposes of seeds.

2. The licence shall carry on the aforesaid business at
(Place for storage and place for sale)
(Tehsil or District)

Date:

Seal :

Licensing Authority

State of

Terms and conditions of licence:

- i. The licence shall be displayed at a prominent and conspicuous place in a part of the business premises open to the public.
- ii. The holder of the licence shall comply with the provisions of the Seeds (Control) Order, 1983 and the notifications issued there under and for the time being in force.
- iii. This licence comes into force with immediate effect and shall be valid upto unless previously cancelled or suspended.
- iv. The holder of the licence shall from time to time report to the licensing authority any change in the premises where he carries on his business of sale, export, import or storage for the said purposes seeds.
- v. The licence shall give every facility to the licensing authority or any other Officer acting under his Authority for the purpose of inspecting his stock in any shop, depot or godown or there place/places used by him or the purpose of storage, sale or export of seeds.



FORM 'C'
(See clause 7)

**APPLICATION FOR RENEWAL OF LICENCE TO CARRY ON THE BUSINESS OF A
DEALER IN SEEDS**

To

The Licence Authority

..... (Place)

State of / U. T. of

I/ We hereby apply for renewal of the Licence to carry on the business of dealer in seeds
under the name and style of Shri, Mr.....

The licence, desired to be renewed, was granted by the Licensing Authority for the State of

..... and allotted Licence No.....

on the day of 19

Signature of applicant (s)

Full name and address of the applicant (s)

Date and place :

Certified that the Licence bearing No.....
granted on to carry on the business of a dealer in seeds at the
premises situated is hereby
renewed to unless previously cancelled or
suspended under the provisions of the seeds (Controlled) Order 1983.

Licensing Authority

State of

Date :

Renewal No.:

Seal :



"Democracy requires an informed citizenry and transparency of information which are vital to its functioning and also to contain corruption and to hold Governments and their instrumentalities accountable to the governed."



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