

A PROFILE NOTE ON ODISHA STATE SEED & ORGANIC PRODUCTS CERTIFICATION AGENCY: BHUBANESWAR

1. **ORGANISATION**

The Seed Review Team constituted by Govt. of India during 1968 suggested to set-up Seed Certification Agencies in various States.

On recommendation of the Seed Review Team, a separate Seed Certification Wing started functioning under the Directorate of Agriculture from 1974. Soon after registered under Societies Registration Act of 1860, an independent Certification Body started functioning as **Odisha State Seed Certification Agency (OSSCA)** with effect from 01.09.1978. The first Governing Board of this Agency was constituted vide Notification No. IIIA (Seeds)-40/77-19919/AC, dt.03.06.1977. The Commissioner-cum-Secretary to Govt., Agriculture Department acts as Chairman of the Governing Board. The tenure of the Board is for a period of two years.

At present OSSCA has been entrusted to take up Certification works for Organic Farming & Farm Products in the state of Odisha. Accordingly OSSCA has been re-named as **Odisha State Seed and Organic Products Certification Agency (OSSOPCA)** and a separate Agency namely **Odisha State Organic Certification Agency (OSOCA)** has been carved out of OSSOPCA. Now OSOCA has been accredited under NPOP to function as Inspection & Certification body for organic crop production with effect from 01.06.2012.

2. **OBJECTIVES:**

The objective of establishing Seed Certification Agency is to give adequate support to the Controller of Seed to enforce Seed Act of 1966. Five Agencies are involved in seed production;

- a. A breeder who evolves superior variety & hybrid in various Agricultural Universities and ICAR research complex.
- b. The superior notified varieties and hybrids are being multiplied by different seed producing agencies.
- c. The Certification Agency is to inspect the characteristics of these varieties in the field and variation if any is being scrupulously observed for maintenance of purity.
- d. After processing and grading of seeds this is being tested in Seed Testing Laboratory to further verify the standards.
- e. Finally the seed is being issued with certification tag by the Agency and ready for marketing. The Joint Quality Control Inspector of Directorate of Agriculture at random further verify the quality parameter and deviation, if any can be booked on law.

The Seed Certification Agency is to ensure seed of superior crop plant variety available to farmers through seed certification. The Agency verifies:-

1. Genetical identity of a variety with respect to its distinctness, uniformity and stability parameters.
2. High degree of physical purity.
3. High standards of germinability to give rise to vigorous seedlings.
4. Freedom from all designated seed borne diseases, weeds and other crop seeds, thereby qualifying the minimum prescribed standards, which should be ascertainable under field and laboratory condition.

This Agency is to bring the benefit to the common farmers for higher yield verifying the superior varieties and hybrids evolved by plant breeders. The notified varieties under the Seeds Act only will come under the purview of seed certification.

3. **ACTIVITIES OF SEED CERTIFICATION PERSONNEL**

1. Receipt of application for registration during a season.
2. Scrutiny of application & source verification.
3. Crop field inspection as per registration.
4. Issue of field inspection reports to the growers under registration.
5. Supervision of threshing of certified field produce.
6. Issue of threshing certificate.
7. Supervision of seed processing, packing & sealing.
8. Drawal of seed samples for seed testing.
9. Seed testing at Seed Testing Laboratories.
 - a) Germination Test.
 - b) Physical purity Test.
 - c) Moisture Test.
 - d) O.D.V. Test.
 - e) Insect Damage Test.
 - f) Pathology Test.
10. Issue of Certificate & Tags for the passed seed lots.

4. **BREEDER SEED MONITORING**

Seed multiplication programme adheres to three tier system i.e. Breeder, Foundation and Certified class. Breeder seed is monitored and jointly inspected by a team constituted by JDA (Farm & Seeds). Director, OSSOPCA is convener member of the team. Director, OSSOPCA is a member of **State Seed Sub Committee**. The Committee is responsible for release of crop variety in the state under the chairmanship of Commissioner-cum- Secretary. The varieties released by state seed sub-committee are recommended to

Central Seed Sub-Committee for its notification. The varieties notified by Govt. of India as per Section-5 of Seeds Act, 1966 are eligible for certification.

5. **ORGANISATION STRUCTURE:**

The Headquarters of **OSSOPCA** is at Bhubaneswar. It has 8(Eight) Zonal Offices located at Bhubaneswar, Cuttack, Sambalpur, Jeypore , Berhampur , Bolangir , Baripada and Balasore. Besides, there are two Seed Testing Laboratories under Odisha State Seed & Organic Products Certification Agency at Bargarh and Rayagada with an objective for seed quality testing.

Further, the expansion of OSSOPCA is under progress with establishment of four new Seed Testing laboratories (STLs) at Balasore, Badchana, Bhawanipatna & Sambalpur and two new Zonal Offices at Bargarh & Bhawanipatna.

6. **STAFF STRENGTH:**

Total Staff Strength	Total Staff in position	Total Vacancy
107	59	48

Annexure-I indicates Staff and Vacancy position.

N.B. 25 personnel with MSc(Ag) qualification have been engaged by way of outsourcing through service provider to work as Asst Seed Certification Officer/Asst Seed Testing Officer.

7. **FUNDS OF OSSOPCA:**

- I. Grant-in-aid from State Govt under Non-plan Scheme.
- II. Receipt from registration, inspection & other Certification charges.
- III. Receipt from the assets of the Agency.
- IV. Funds received from GOI under various schemes.

The Income & expenditure position of the Agency for the last eighteen years is given in **Annexure-II**.

8. **PHYSICAL TARGET AND ACHIEVEMENT:**

The Odisha State Seed & Organic Products Certification Agency has no target as seed certification is voluntary and the area offered by different seed producing agencies is inspected on payment as per approved tariff structure (**Annexure-IV**). The financial position of Odisha State Seed & Organic Products Certification Agency depends upon the area offered for inspection. However the area inspected and quantity certified during last eighteen years is given in **Annexure-III**.

9. **STRENGTHENING & DEVELOPMENT OF OSSOPCA UTILISING FUNDS FROM GOVT OF INDIA**

(a) N.F.S.M (Pulse): Govt. of India has sanctioned Rs.100.00(One Hundred) lakh under the scheme during eleventh five years plan starting from 2007-08 @ Rs.25.00(Twenty Five) lakh per annum for technical & infrastructural upgradation (including minimum man-power on contractual basis) for a period of four years. Ten (10) technical & two (2) non-technical personnel have been engaged through out-sourcing by service provider under NFSM (Pulse).

The OSSOPCA has received Rs.10.00 Lakh for the year 2007-08, Rs.25.00 Lakh for the year 2008-09, Rs. 25.00 Lakh for the year 2009-2010 & Rs.25.00 for the year 2010-11 under the scheme.

(b) R.K.V.Y: For infrastructure development of OSSOPCA there is provision of funds under RKVY. The details are at **Annexure-VI**.

(c) Under the Annual Action Plan of Odisha for the year 2009-10 under central sector scheme ‘Development & Strengthening of infrastructure facilities for production & distribution of quality seeds ‘ the Director of OSSOPCA received Rs.34.50 Lakh under infrastructure development & quality control . The funds have been utilized & U.C. submitted to GOI. During 2010-11 OSSOPCA has received Rs.34.50 lakh for DNA finger print equipments, Green House & 4 (four) nos. of training. Installation of Green House, training on seed development programme completed & DNA finger print unit is under progress. Proposal under Annual Action Plan of OSSOPCA for the year 2012-13 for Rs 123.00 lakh has been sent to the Agriculture Department, Govt. of Odisha vide letter no.1376 dt.06.07.2012 for transmission to Govt. of India, New Delhi.

10. **ORGANIC FARMING AND CERTIFICATION:**

As per Govt. resolution No. FGV-36/04 – 18851/Ag. dated 01.06.2005, Odisha State Seed Certification agency(OSSCA) has started functioning as certification Agency for organic Farming and Farm Products. Accordingly, OSSCA has been re-named as Odisha State Seed & Organic Products Certification agency (OSSOPCA) vide resolution No. FG-V-08/2008- 17433/Ag dt. 30.05.2008 & **Odisha State Organic Certification Agency (OSOCA)** has been carved out of OSSOPCA with headquarters at Bhubaneswar and registered under Societies Registration Act (Act XXI of 1860), 1860 with Registrar of Societies, Odisha, Cuttack. The Registration Number is **22904/ 114 of 2008-2009**. OSOCA has been designated to act as Organic Inspection and Certification Agency for the State by Govt. of Odisha in Agriculture Department. Recently, OSOCA has been accredited by the National Accreditation Body (NAB) of Govt of India to act as Inspection & Certification Agency for Organic Crop Production with effect from 01.06.2012.

Scope

OSOCA proposes to provide an institutional mechanism for organic inspection and certification in the State of Odisha in particular and outside areas in general to ensure better quality organic products to the consumers. The aim of OSOCA, inter alia, includes the following:

- To establish a globally competitive certification programme.
- To develop a credible certification system through qualified and well trained personnel.
- Commitment to obtain and maintain accreditation.
- To provide organic certification to the operators at reasonable cost.
- To make available quality products in the domestic and international market through organic inspection and certification.

- To support training capacity building Events for the personnel in organic inspection and certification.

Policy Statement

OSOCA assures of globally competitive quality certification services to the operators/ grower groups through a reliable certification programme formulated by an efficient and sustainable organizational set up that provides for consistent degree of non-discrimination fairness and transparency with commitment to obtain and maintain accreditation as per NPOP guidelines.

Objectives

The main objects and objects incidental or ancillary thereto for which the Agency is established are:-

- To certify organic production and handling system of
 - Organic Agricultural farming
 - Forest and wild products (non-timber)
 - Organic animal husbandry
 - Certification of Organic processing & handling operations.
 - Outline the procedure of each category to certify Organic Production and handling system in the country as per National Standards for Organic Production (NSOP).
- To provide generic information, training and awareness programme in non-discrimination manner.
- To provide impartial inspection and certification services.
- Maintain such record as may be necessary to verify organic production certification.
- To maintain a list of organic input producers/ suppliers/ manufacturers approved by organic certification Agency.
- To acquire and deal with the property namely land, buildings etc. to carry out and furthering the objectives of the Society.
- To co-operate with the institutions, Societies, association or Bodies having objects wholly, partly similar to those of this Agency.

- To do all or any of the things namely, creation of a reserve fund, investment of fund etc. deemed necessary for the purpose for which the Agency has been established.

The Organic Certification tariff structure of OSOCA is placed at **Annexure –V**.

11. GENERAL REMARKS:

At the time of establishing independent Seed Certification Agencies, it was envisaged that within a period of five years the Agency would be self-supporting from their receipts to be obtained from different seed producing agencies. But during last 30 years, it could not be possible to make Odisha State Seed & Organic Products Certification Agency self-supported as the area under seed production has not increased proportionately. Considering this aspect and with an aim to achieve more area under seed production, the Agency has launched a programme for establishing Private Seed Industry under the Industrial Policy Resolution of State Govt., October 1992. Participation of more than 50 Private Seed Entrepreneurs may bring a large area under seed production and existing income of Odisha State Seed & Organic Products Certification Agency will thereby increase in future. In addition, a massive programme under Special Seed Village Scheme of GOI has been launched to attract and involve more growers for Seed Production & Certification. The major seed production programmes implemented in the state involve OSSC Ltd., NSC Ltd., SFCI, State Govt. Farms, SAU, ICAR Institutes, Departmental SVS (GOI), NABARD through NGO's and 50 odd private entrepreneurs.

Further, OSOCA has started taking up projects (**2400Ha** area has already been registered) from Govt. Hort. Dept & private operators for organic certification programme in Odisha after getting accreditation from APEDA.

At present four more Seed Testing Laboratories & two Seed Certification Offices are under construction at Balasore, Barchana and Bhawanipatna & Bargarh respectively. There is need of sanction of staff for these new offices.

ANNEXURE-I

**STAFF POSITION OF ODISHA STATE SEED & ORGANIC PRODUCTS
CERTIFICATION AGENCY**

Category of post	Sanctioned Strength	Staff in Position			Vacancy	Staff Of OSOCA
		Deputation	Direct	Total		
A	B	C	D	E	F	G
Director	1	1	-	1	-	
Chief Seed Certification Officer	1	-	-	-	1	
Seed Certification Officer	12	0	10	10	2	2 SCOs are entrusted with the additional job of QM & Assessor
Seed Testing Officer	3	-	3	3	-	
Administrative-cum-Accounts Officer	1	1	-	1	-	
Seed Pathologist	2	-	1	1	1	
Asst. Seed Certification Officer	32	5	3	8	24	One ASCO is entrusted with the additional job of Inspection Manager
Asst. Seed Testing Officer	6	-	-	-	6	
Senior Steno	1	-	1	1	-	
Senior Assistant	12	-	10	10	2	
Senior Driver	1	-	-	-	1	
Junior Assistant	3	-	-	-	3	
Driver	9	-	5	5	4	
Laboratory Attendant	4	-	4	4	-	
Peon	12	-	10	10	2	
Watcher	6	-	4	4	2	
Gardener	1	-	1	1	-	
TOTAL	107	7	52	59	48	

ANNEXURE-II
INCOME & EXPENDITURE OF OSSOPCA FOR LAST NINETEEN YEARS
(Figures in Rupees)

YEAR	BUDGET ESTIMATE	GRANT-IN-AID	RECEIPTS	TOTAL	EXPENDITURE
1994-95	97,08,500	45,00,000	09,23,104	54,23,104	45,84,063
1995-96	1,09,58,000	50,00,000	20,33,734	70,33,734	53,20,330
1996-97	1,03,31,284	55,00,000	29,96,289	84,96,289	86,06,951
1997-98	1,27,16,200	55,00,000	39,75,186	94,75,186	81,31,930
1998-99	1,78,22,200	44,00,000	59,41,419	1,03,41,419	89,35,535
1999-00	2,18,81,500	39,50,000	61,86,143	1,01,36,143	96,46,779
2000-01	1,41,73,900	55,00,000	55,51,426	1,10,51,426	1,10,44,696
2001-02	1,27,04,700	50,00,000	54,16,564	1,04,16,564	1,03,89,345
2002-03	1,30,85,000	50,00,000	51,03,210	1,01,03,210	99,12,064
2003-04	1,17,39,185	50,00,000	52,68,705	1,02,68,705	1,04,13,988
2004-05	1,33,56,560	70,00,000	47,02,243	1,17,02,243	1,12,67,392
2005-06	1,42,55,000	70,00,000	49,27,471	1,19,27,471	1,13,58,291
2006-07	1,81,45,000	83,00,000	64,29,342	1,47,29,342	1,44,86,326
2007-08	2,45,75,000	1,11,00,000	84,80,463	1,95,80,463	1,61,34,263
2008-09	2,28,00,000	1,21,00,000	1,47,60,686	2,68,60,686	2,21,98,404
2009-10	2,98,00,000	1,21,00,000	1,83,69,048	3,04,69,048	2,59,60,117
2010-11	3,27,00,000	1,21,00,000	1,90,26,805	3,11,26,805	2,69,88,217
2011-12	3,94,01,293	1,21,00,000	2,73,01,293	3,94,01,293	3,43,99,721
2012-13	3,97,15,000	2,20,00,000	3,86,06,474	6,06,06,474	3,71,22,808
2013-14	4,62,05,000	2,20,00,000	4,87,23,983	7,07,23,983	4,43,61,582

ANNEXURE-III**PHYSICAL ACHIEVEMENT**

YEAR	Area in Hectare	Quantity in Qtls.
	AREA REGISTERED	QUANTITY CERTIFIED
1995-96	10016	98292
1996-97	20934	234553
1997-98	22880	240240
1998-99	26607	237491
1999-2000	24052	250737
2000-2001	19355	315502
2001-2002	17148	231203
2002-2003	11550	168438
2003-2004	13167	195484
2004-2005	12317	210413
2005-2006	13049	201978
2006-2007	13922	264614
2007-2008	25780	409351
Kh-2007	13156	301740
Rabi-2007-08	12624	107611
2008-2009	36265.78	633123.15
Kh-2008	26355.77	476135.92
Rabi 2008-09	9910.01	156987.23
2009-2010	49311.00	656216.32
Kh-2009	37519.40	522855.22
Rabi-2009-10	11791.60	133361.10
2010-2011	48606.34	698274.35
Kh-2010	36031.34	506681.33
Rabi-2010-11	12575.00	191593.02
2011-2012	43050.43	747747.66
Kh-2011	33399.99	598604.48
Rabi-2011-12	9650.44	149143.18
2012-13	62019.02	782841.96
Kharif-2012	42848.17	577506.46
Rabi-12-13	19170.85	205335.50
2013-14	68740.98	706777.05
Kharif-2013	50681.13	542496.72
Rabi-2013-14	18059.85	164280.33
2014-15	54503.41	142063.20
Kharif-2014	42313.54	142063.20
Rabi-2014-15	12189.87	

ANNEXURE-IV

ODISHA STATE SEED & ORGANIC PRODUCTS CERTIFICATION AGENCY, (OSSOPCA), BHUBANESWAR.		
Seed Certification Tariff (in INR) W.E.F. 01.10.2011		
Sl. No.	Components	Fees
1	Registration fee for Seed Producing Agency	
	i. Area upto 1000ha/year (for 1st year).	1000/-
	ii. Area above 1000ha/year (for 1st year).	1500/-
2	Annual renewal fee of SPAs.	
	i. Area upto 1000ha/year.	500/-
	ii. Area above 1000ha/year.	1000/-
3	Cost of application of (one set)	10/-
4	Registration fee per grower/location/crop/season/unit.	25/-
5	Inspection fee(per ha or part there of)	
	i. Hybrid Cotton with parental lines.	750/-
	ii. Other Hybrids with parental lines.	500/-
	iii. Foundation class of all crops	350/-
	iv. Certified class of all crops	300/-
6	Re-inspection fees (% to inspection fee)	100%
7	Processing supervision fee (per quintal or part thereof)	
	i. Cotton hybrids with parental lines(per lot)	250/-
	ii. Other hybrids & vegetables.	5/-
	iii. All other crops	3/-
8	Packing/ Repacking supervision fees(per quintal or part there of) (for standard packing sufficient to plant 0.40ha)	
	i. Spot grading/packing of seed potatoes	5/-
	ii. Maize	5/-
	iii. Hybrid Cotton with parental lines	10/-
	iv. All other crops.	3/-
9	Re-processing supervision fees (per qtl or part)	
	i. Hybrid Cotton and parents	10/-
	ii. Others	5/-
10	Sampling and seed testing fees	
	i. Certification samples.	80/-
	ii. Service samples. (a)Institutions	80/-
	(b) Farmers.	30/-
11	Grow Out Test fees (per Sample)	300/-
12	Re-validation fee(per quintal or part)	20/-
13	Processing plant registration fee	2000/-
14	Processing Plant renewal fee/ year.	1000/-
15	Ginning plant Registration fee	1000/gin
16	Ginning plant Renewal fee/ year.	500/gin
17	Cost of tags including cost of lead seal (per 100 numbers)	300/-
18	Earnest money for processing plant	
	i. Upto 5000qtl/ year capacity.	10000/-
	ii. Above 5000qtl/year capacity.	15000/-
19	Seed transfer fee/qtl or part , if transferred from site of processing to other places for processing/ storage purpose prior to completion of certification process.	10/-

ANNEXURE-V
ODISHA STATE ORGANIC CERTIFICATION AGENCY (OSOCA)
BHUBANESWAR
Annual charges to the Indian Operators (in Rs.)

Fees for	Farm units/individual/group	Manufacturer/processor	Remarks
Registration	i) Small area (less than 25 ha):100 ii) Medium unit(more than 25 but less than 100 ha):500 iii) large units(more than 100 ha):1000	i) Small (turnover < 10 lakh):500 ii) Medium (less than 50 lakh):1500 iii) Large (more than 50 lakh):2500	Annual renewal fee: 50% of the registration fee.
Inspection	@2000/- for 1st 8hrs or part and @250/- for subsequent 1 hr or part	@2000/- for 1st 8hrs or part and @250/-for subsequent 1 hr or part	For preparation of inspection visits
Certification	Rs 10/- per ha	i) Small: 1000 ii) Medium: 3000 iii) Large : 5000	certification work.
Travel time	50/- per hour.	50/- per hour.	After 08 hours journey.
Travel expenses:	Actual	Actual	For travel, food & accommodation where applicable.
Scope certificate:	1000/-	1000/-	The added value of widely recognised certificate.
Transaction certificate, if required:	500/-	500/-	Per copy
Chemical analysis, if required.	Actual cost	Actual cost	Soil/ water/ leaf/ and product samples.

Note: Taxes will be extra as applicable.

Financial status of funds received / expenditure incurred and utilization

Certificate submitted by OSSOPCA under RKVY (Annexure –VI)

Name of the projects	Approved Project cost	Year of approval	Amount released By Govt.	Balance amount to be released by Govt	Amount deposited to executive Agencies	Balance Amount available	Utilization Certificate submitted	Remarks
1	2	3	4	5	6	7	8	9
STL-Cum-SCO Office Sambalpur	Rs.1,71,70,000	2007-08	Rs.1,71,70,000	NIL	Rs.1,21,37,985	Rs.50,32,015	Rs.1,71,70,000	Building completed, Equipping of Walk-in-Ger Chamber, Storage Chamber completed
STL,Bhawanipatna	Rs.1,81,80,000	2008-09	Rs.1,81,80,000	NIL	Rs.79,83,000	Rs.1,01,97,000	Rs.1,81,80,000	Building completed, Equipping of Walk-in-Germination & Storage Chamber, under progress
S.C.O Office Baripada	Rs.50,00,000	2008-09	Rs.2,00,00,000	NIL	Rs 50,000,00	NIL	Rs.2,00,00,000	G.Floor operational, from 06.12.2010
S.C.O Office Bolangir	Rs.50,00,000				Rs 50,000,00			Construction work completed from Jan-2013
S.C.O. Office Jeypore	Rs.50,00,000				Rs 50,000,00			Building work completed & operational from 5.12.12.
S.C.O. Office Berhampur	Rs.50,00,000				Rs 50,000,00			-do-
S.T.L-cum-S.C.O. Office ,Balasore	Rs.1,81,80,000	2008-09	i)Rs.90,00,000 ii)Rs.91,80,000	NIL	Rs.1,26,13,660	Rs.55,66,340	Rs.1,81,80,000	Building completed. Germination Chamber & Storage Chamber completed
S.T.L Barchana	Rs.1,81,80,000	2009-10	Rs.1,81,80,000	NIL	Rs.53,07,000	Rs.1,28,73,000	Rs.1,81,80,000	Ground floor completed,
S.C.O Office Cuttack	Rs 50,00,000	2010-11	Rs 50,00,000	NIL	Rs 50,000,00	NIL	Rs.50,00,000	Building completed & functioning w.e.f 24.09.2012
Organic Laboratory Bhubaneswar	Rs 50,00,000	2010-11	Rs 50,00,000	NIL	Rs 50,000,00	NIL	Rs.50,00,000	Civil works completed.
Capacity building and exposure visit.	Rs 10,00,000	2011-12	Rs. 10,00,000	NIL	Rs.10,00,000	NIL	Rs.10,00,000	Officers training & exposure visit completed.
Additional funds	Rs.53,51,000	2012-13	Rs.53,51,000	NIL	Rs.53,51,000	Nil	Rs.53,51,000	Additional funds released for Sambalpur, Balasore, Baripada, & Jeypore for additional works.
Traceability System (30 District)	Rs.2,17,00,000	2012-13	Rs.217,00,000	NIL	Rs.23,50,000	Rs.1,93,50,000	Rs.2,17,00,000	Tender process has been taken up.
Capacity building and exposure visit.	Rs.12,20,000	2012-13	Rs.12,20,000	Nil	Rs.12,20,000	Nil	Rs.12,20,000	Capacity Building of Seed Certification Personnel & exposure visit completed.
Total:-	Rs.13,09,81,000		Rs.13,09,81,000	NIL	7,79,62,645	Rs.5,30,18,355	Rs.13,09,81000	