

# वार्षिक रिपोर्ट Annual Report 2010-2011

राष्ट्रीय जैविक खेती परियोजना  
**National Project on Organic Farming**

राष्ट्रीय जैविक खेती केन्द्र  
**National Centre of Organic Farming**  
सेक्टर 19 हापुड रोड, गाजियाबाद  
**Sector 19, Hapur Road, Ghaziabad**

**प्रकाशक**

निदेशक

राष्ट्रीय जैविक खेती केन्द्र

सेक्टर 19 हापुड रोड

गाजियाबाद-201 002

दूरभाष सं. 0120-2721896, 2753844, 2721905, फैक्स सं. 0120-2721896

ई.मेल : [nbdc@nic.in](mailto:nbdc@nic.in). वेबसाईट : [www.dacnet.nic.in/ncof](http://www.dacnet.nic.in/ncof)

**संपादक :** डा. ए.के. यादव, निदेशक

**संस्करण :** 2011

**क्षेत्रीय केन्द्र**

क्षेत्रीय जैविक खेती केन्द्र, बंगलूरु  
क्षेत्रीय जैविक खेती केन्द्र, भुवनेश्वर  
क्षेत्रीय जैविक खेती केन्द्र, हिसार  
क्षेत्रीय जैविक खेती केन्द्र, इम्फाल  
क्षेत्रीय जैविक खेती केन्द्र, जबलपुर  
क्षेत्रीय जैविक खेती केन्द्र, नागपुर

**प्रकमण इकाई**

श्री हरि भजन

श्री सुभाष चंद्र

**मुद्रण**

राष्ट्रीय जैविक खेती केन्द्र, सेक्टर 19 हापुड रोड,  
गाजियाबाद-201 00

# ANNUAL REPORT

2010-2011

## Table of Contents

Sr. No.	Title	Page No.
1.	राष्ट्रीय जैविक खेती परियोजना	1
2.	उपलब्धि सारांश (2010-2011)	5
3.	National Project on Organic Farming	7
4.	Summary of Achievements (2009-2010)	11
5.	Administrative Report	14
6.	Budget Estimates and expenditure	21
7	Implementation of project	23
	a. Support to Organic input production units	23
	b. Implementation components of NPOF by NCOF/RCOF	27
8.	Major achievements under:	
	a. Human resource development through trainings	28
	b. Quality control of biofertilizers and Organic fertilizers	29
	c. Technical support to Organic Input production unit, culture collection bank and supply of mother cultures Capacity Building for Biological Soil Health Assessment	31
	d. Capacity Building for Participatory Guarantee System	33
	e. Encourage and Support Research	34
	f. Preparation and publication of uniform and authentic training literature Publication of Biofertiliser Newsletter and Organic Farming Newsletter	35
	g. Data centre for various activities related to Organic Farming	35
	h. Technical support to National Programme on Organic Production for evaluation of accredited certification bodies	36
9.	Annexure I Salient Features PGS-India Programme	39
10.	Annexure II Biofertilizer Production in India during 2010-11	45
11.	Annexure III Organic Manure/ Organic fertilizer Production/ Availability (2010-11)	49
12.	Annexure IV Area Under Organic certification Process and Production of different commodities	53
13.	Annexure V Staff strength and incumbency position	59

## राष्ट्रीय जैविक खेती परियोजना

### पृष्ठभूमि:

राष्ट्रीय जैविक खेती परियोजना दसवीं पंचवर्षीय योजना से केन्द्रीय योजना के रूप में जारी है। योजना आयोग ने इसे अग्रणी योजना के रूप में दसवीं योजना के अंतिम दो वर्ष छह माह के लिये ०१.१०.२००४ से रु. ५७.०४ करोड़ के प्रावधान के साथ मंजूरी दी थी। यह योजना रु. १०१.०० करोड़ के प्रावधान के साथ ११वीं पंचवर्षीय योजना में निम्नांकित संशोधित उद्देश्यों के साथ जारी है:-

### प्रमुख उद्देश्य

- सभी सहभागियों (Stakeholders) के तकनीकी क्षमता विकास, मानव संसाधन विकास, तकनीकी हस्तान्तरण, गुणवत्तायुक्त जैविक आदानों का उत्पादन तथा विकास सहित, तकनीकी क्षमता वर्धन के द्वारा देश में जैविक खेती को बढ़ावा।
- अनुसंधान एवं तकनीकी विकास द्वारा विकसित/शेष जैविक आदानों को संशोधित जॉच के मापदण्डों में शामिल करते हुए जैव उर्वरक एवं जैविक खादों को वैधानिक/अनिवार्य रूप से फर्टिलाइजर कंट्रोल आर्डर १९८५ में जोड़ना।
- मृदा स्वास्थ्य आंकलन, जैविक आदान संसाधन प्रबंधन तथा बाजार विकास के लिये क्षमता वर्धन।

### अगस्त २०१० से प्रभावी संशोधित उद्देश्य:

- देश में जैविक खेती के विकास को बढ़ावा देना तथा उन्नयन में सहयोग करना
- निरंतर पोषकों की आपूर्ति तथा मृदा स्वास्थ्य व उर्वरता बनाये रखने तथा मृदा में जीवांश के स्तर में निरंतर सुधार हेतु जैविक खाद व जीवाणु खाद आदानों के उत्पादन को प्रोत्साहित करना
- उर्वरक गुण नियंत्रण आदेश की अनुपालना एवं जीवाणु खाद एवं जैविक खाद की गुणवत्ता जॉच हेतु केन्द्रीय गुण नियंत्रण संस्था के रूप में कार्य करना
- अन्य जैविक आदान जो अभी तक गुण नियंत्रण प्रक्रिया के अधीन नहीं हैं के मानक तथा विश्लेषण प्रणाली का निर्धारण कर गुण नियंत्रण प्रक्रिया के अंतर्गत लाना
- जैव उर्वरकों एवं जैव कीटनाशी जीवाणुओं के मातृ संबंधों का विकास, जॉच तथा संधारण करना तथा उद्योगों को आवश्यकतानुसार उपलब्ध कराना
- जैविक प्रबंधन और स्थानीय जैविक स्रोतों के प्रबंधन पर लघु अवधि के प्रमाण पत्र प्रशिक्षण कार्यक्रम चलाना
- राज्य सरकारों के गुणनियंत्रण विश्लेषकों तथा ऐसे उर्वरक निरीक्षकों को जो कि उर्वरक नियंत्रण आदेश के अनुपालन से जुड़े हैं के लिये प्रशिक्षण आयोजित करना
- जैविक प्रबंधन, जैविक खेती प्रमाणिकरण, जैविक आदान उत्पादन तथा अन्य समकक्ष विषयों पर प्रशिक्षक प्रशिक्षण प्रमुखतया विस्तार संस्थाओं, प्रमाणीकरण संस्थाओं, किसानों, उत्पादन इकाइयों के अधिकारियों हेतु आयोजित करना
- स्थानीय प्रक्रियाओं, आदानों तथा तकनीकों पर अनुसंधान तथा उनकी जॉच इत्यादि में सहयोग कर वॉछित उत्पादन प्रबंधन प्रक्रिया बनाना

- जैविक मृदा स्वास्थ्य आकलन कार्यक्रम के तहत विभिन्न फसल चक्र स्थानों की मृदा की जाँच करना
- जैविक खेती से संबंधित सभी सूचनाओं व ऑकड़ों का संकलन करना तथा जानकारी का छपाई तथा इलेक्ट्रॉनिक माध्यमों द्वारा प्रचार प्रसार
- जैविक खेती सूचना पत्र, जैव उर्वरक सूचना पत्र तथा अन्य प्रशिक्षण पुस्तिकाओं व तकनीकी जानकारी का प्रकाशन
- प्रचलित प्रमाणिकरण कार्यक्रमों को मानकीय विकास, प्रचालन प्रक्रिया निर्धारण, मूल्यांकन तथा निगरानी प्रक्रिया इत्यादि में सहयोग करना
- पी. जी. एस. प्रक्रिया का प्रचालन करना
- सेमिनार कॉन्फ्रेंस/प्रदर्शनी तथा छपाई व इलेक्ट्रॉनिक माध्यमों द्वारा जन जागृति करना
- केन्द्रीय व राज्य सरकारों के जैविक खेती कार्यक्रमों की जाँच व मूल्यांकन में सहयोग करना।

#### संशोधित उद्देश्यों के तहत अनुमोदित घटक:

१. राष्ट्रीय/क्षेत्रीय जैविक खेती केन्द्रों को जारी रखना
  - (अ) राष्ट्रीय/क्षेत्रीय जैविक खेती केन्द्रों को जारी रखना तथा उनका सुदृढीकरण
  - (ब) राष्ट्रीय/क्षेत्रीय जैविक खेती केन्द्रों के लिये भवन निर्माण
२. जैविक आदान उत्पादन इकाइयों की स्थापना हेतु पूंजी निवेश सहायता प्रदान करना:
  - (अ) फल एवं सब्जी कचरा/कृषिकीय कचरा कम्पोस्ट उत्पादन इकाई, तथा
  - (ब) जैव उर्वरक एवं जैविक कीटनाशक उत्पादन इकाई
३. जैविक एवं जीवाणु गत आदानों के लिये गुणवत्ता नियन्त्रण एवं तकनीकी सहायता का विकास तथा अनुपालन
  - (अ) जैव उर्वरक एवं जैविक खादों की गुणता जाँच
  - (ब) अन्य जैविक आदानों की गुणता जाँच के लिये मानक प्रणाली का विकास
  - (स) प्रमाणीकृत एवं विश्वसनीय सूक्ष्म जीवाणुओं के स्ट्रेन्स की आपूर्ति, विकास एवं रखरखाव
४. निम्न प्रशिक्षणों द्वारा मानव संसाधन विकास:
  - (अ) जैविक खेती पर प्रमाणपत्र कोर्स
  - (ब) विश्लेषकों के लिये रिफ्रेशर प्रशिक्षण कार्यक्रम
  - (स) प्रशिक्षकों का प्रशिक्षण
  - (द) जैविक खेती के लिये क्षेत्र कार्यकर्ताओं/प्रसार अधिकारियों का प्रशिक्षण
  - (च) प्रशिक्षकों हेतु अंतरराष्ट्रीय प्रशिक्षण
५. जैविक मृदा स्वास्थ्य आकलन के लिये क्षमता विकास एवं जैविक पोषण संसाधनों की मैपिंग
६. जैविक पैकेज ऑफ प्रैक्टिस, जैविक आदान एवं जैविक प्रबंधन विकास के लिये अनुसंधान का बढ़ावा एवं सहायता, अध्ययन और/या सर्वेक्षण इत्यादि

७. सूचना पत्रों, प्रशिक्षण मैनुअल एवं साहित्य का प्रकाशन तथा जैविक खेती एवं आदानों से सम्बन्धित आकड़ों का समवेष्टिकरण
८. कम लागत की वैकल्पिक प्रमाणीकरण - पी.जी.एस- के लिये क्षमता विकास
९. नये प्रयास, बाजार विकास, जागरूकता पैदा करना तथा प्रचार एवं मूल्यांकन
१०. केन्द्रीय एवं राज्य सरकारों की जैविक खेती योजनाओं का मूल्यांकन एवं निरीक्षण

### कार्यकारी व्यवस्था

राष्ट्रीय जैविक खेती परियोजना भारत सरकार, कृषि मंत्रालय, कृषि एवं सहकारिता विकास के तहत समन्वित पोषण प्रवन्धन संयोग द्वारा चलायी जा रही है एवं इसके प्रमुख संयुक्त सचिव (INM) हैं। परियोजना के उद्देश्यों का अनुपालन एवं नियन्त्रण राष्ट्रीय जैविक खेती केन्द्र, गाजियाबाद (मुख्यालय के रूप में) एवं इसके तहत ६ क्षेत्रीय कार्यालयों, बैंगलोर, भुवनेश्वर, हिसार, इंफाल, जबलपुर एवं नागपुर द्वारा किया जाता है।

### कार्यकारी दिशा निदेश

अनुमोदित घटकों का अनुपालन राष्ट्रीय एवं क्षेत्रीय जैविक खेती केन्द्रों के माध्यम से किया जाता है। विभिन्न घटकों की कार्यप्रणाली का विवरण निम्न प्रकार है:-

१. **आदान उत्पादन इकाइयों को वित्तीय सहायता** - इस घटक के अंतर्गत फल एवं सब्जी कचरा कम्पोस्ट एवं जैव उर्वरक एवं जैविक कीटनाशक उत्पादन इकाइयों को वित्तीय सहायता दी जाती है। गैर सरकारी संस्थाएँ, कम्पनियाँ, उपक्रम एवं उद्योगों हेतु क्रेडिट-लिंक्ड बैंक एन्डेड सबसिडी योजना के तहत यह सुविधा उपलब्ध है तथा अनुदान का भुगतान/प्रति भुगतान नाबार्ड अथवा एनसीडीसी से प्राप्त किया जा सकता है। सरकारी एवं अर्द्धसरकारी संस्थाएँ (नगर निगमों सहित) आवेदन करके सीधे कृषि एवं सहकारिता विभाग से अनुदान प्राप्त कर सकते हैं। वित्तीय सहायता की अधिकतम सीमा - फल एवं सब्जी बाजार कचरा कम्पोस्ट के लिये कुल वित्तीय प्रावधान का ३३ प्रतिशत या रु ६० लाख, जो भी कम हो, तथा जैव उर्वरक एवं जीवाणु कीटनाशक उत्पादन इकाई के लिये कुल वित्तीय लागत का २५ प्रतिशत या रु ४० लाख जो भी कम हो।
२. **गुणवता नियन्त्रण प्रणाली का विकास एवं अनुपालन तथा जैविक एवं जीवाणु आदानों हेतु तकनीकी सहायता:-** एफ.सी.ओ. (उर्वरक नियंत्रण आदेश) के तहत पाँच जैव उर्वरक एवं तीन जैविक खादें शामिल की गयी हैं। उर्वरक नियंत्रण अधिनियम के तहत राष्ट्रीय जैविक खेती केन्द्र तथा इसके अधीन ६ क्षेत्रीय जैविक खेती केन्द्र गुणवता, जॉच प्रयोगशाला के रूप में अधिसूचित हैं। राज्य सरकारों से अधिकृत उर्वरक इंस्पेक्टर उर्वरक नियंत्रण आदेशों के प्रावधानों में अनुरूप गुणवत्ता जॉच हेतु नमूना एकत्र कर सकते हैं तथा उसे विश्लेषण के लिये राष्ट्रीय/क्षेत्रीय जैविक खेती केन्द्रों को भेज सकते हैं। इन नमूनों की जॉच रिपोर्ट नमूना संग्रहकर्ता को अग्रिम आवश्यक कार्यावाही हेतु उपलब्ध करा दी जाती है।

राष्ट्रीय/एवं क्षेत्रीय जैविक खेती केन्द्र परियोजना के तहत जॉच प्रोटोकॉल एवं मानकों को परिभाषित करने हेतु एवं नये जैविक उत्पादों के लिये अनुसंधान कार्य भी करते हैं। सघन मूल्यांकन के बाद इस

तरह के प्रोटोकॉल नये उत्पादों की गुणता जाँच के लिये आवश्यक कानून एवं उचित नीति बनाने हेतु कृषि एवं सहकारिता विभाग को अग्रसारित किये जाते हैं।

जैव उर्वरक के उत्पादन हेतु प्रभावी सूक्ष्म जीवाणुओं के मातृ कल्चर की निरंतर माँग को पूरा करने के लिये इन केन्द्रों में ५०० से अधिक स्ट्रेन्स का रखरखाव किया जा रहा है। यह सभी स्ट्रेन्स विभिन्न अनुसंधान संस्थाओं द्वारा विकसित किये गये हैं एवं व्यवसायिक उपयोग हेतु अनुशंसित हैं। ये स्ट्रेन्स उत्पादकों को न्यूनतम कीमत रु २०/ प्रति स्लान्ट की दर से उपलब्ध कराये जाते हैं। यदि स्ट्रेन डाक द्वारा मंगवाया जाता है तो इसकी कीमत रु ४०/ प्रति स्लान्ट है। राष्ट्रीय/क्षेत्रीय जैविक खेती केन्द्र, उत्पादन इकाइयों की कुल माँग के लगभग ८० प्रतिशत माँग को पूरा करते हैं।

### ३. प्रशिक्षणों द्वारा मानव संसाधन विकास :-

राष्ट्रीय/ क्षेत्रीय जैविक खेती केन्द्रों द्वारा पाँच विभिन्न प्रकार के प्रशिक्षण कार्यक्रम अलग-अलग पाठ्यक्रमों के साथ आयोजित किये जाते हैं। ये कार्यक्रम हैं- (१) जैविक खेती हेतु प्रमाण पत्र-पाठ्यक्रम (२) रिफ्रेशर प्रशिक्षण (३) क्षेत्र कार्यकर्ताओं/ एवं प्रसार अधिकारियों का प्रशिक्षण (४) प्रशिक्षकों का प्रशिक्षण (५) अंतराष्ट्रीय प्रशिक्षण/प्रशिक्षकों को अंतराष्ट्रीय एक्सपोजर

इन प्रशिक्षणों में से अधिकांश कार्यक्रम राज्य सरकारों के अधिकारियों के लिये हैं। यह सभी प्रशिक्षण राज्य कृषि/वागवानी विभागों से परामर्श करके आयोजित किये जाते हैं। वर्ष २०१०-२०११ में ये सभी प्रशिक्षण कार्यक्रम राष्ट्रीय/ क्षेत्रीय जैविक खेती केन्द्रों द्वारा संचालित एवं आयोजित किये गये।

### ४. जैविक मृदा स्वास्थ्य आंकलन हेतु क्षमता विकास तथा अनुसंधान को बढ़ावा-

इस प्रकार के सभी कार्यक्रम भारतीय कृषि अनुसंधान परिषद एवं राज्य कृषि विश्वविद्यालयों द्वारा राष्ट्रीय जैविक खेती केन्द्र के साथ किये जाते हैं।

### ५. सूचना पत्रों, प्रशिक्षण मैनुअल एवं साहित्य का प्रकाशन-

तकनीकी एवं सूचना के प्रसार हेतु, दो सामयिक प्रकाशनों का निरन्तर प्रकाशन होता है:-

- (१) आर्गेनिक फार्मिंग न्यूज लेटर -त्रैमासिक
- (२) बायोफर्टिलिज़र न्यूज लेटर -अर्द्धवार्षिक

इसके अतिरिक्त राष्ट्रीय/ क्षेत्रीय खेती केन्द्र आवश्यक साहित्य तैयार करने एवं इनमें सधन वितरण के लिये भी उत्तरदायी हैं।

### ६. कम लागत के वैकल्पिक प्रमाणीकरण के लिये क्षमता विकास - किसान समूह केन्द्रीकृत प्रमाणीकरण व्यवस्था के लिये एक पीजीएस इंडिया कार्यक्रम शुरू किया गया है।

### ७. राज्यों एवं अनुपालन संस्थाओं की आवश्यकता के अनुरूप बाजार का विकास, नयी शुरूआत तथा मूल्यांकन गतिविधियाँ समय-समय पर की जाती हैं।

## उपलब्धि सारांश वर्ष २०१०-२०११

**१. कार्यालय भवनों का निर्माण:** भूमि अधिग्रहण एवं भवन निर्माण के लिये वर्ष २०१०-११ महत्वपूर्ण रहा:

- राष्ट्रीय जैविक खेती केन्द्र का प्रशासनिक-सह-प्रयोगशाला भवन प्रशिक्षणार्थी आवास के साथ वनकर तैयार है। अग्निग्रहण विद्युत कनेक्शन न होने के कारण प्रतीक्षित है।
- क्षेत्रीय जैविक खेती केन्द्र, इंफाल का प्रशासनिक-सह-प्रयोगशाला भवन तैयार हुआ तथा कार्यालय कार्य नये परिसर में प्रारम्भ हुआ।
- क्षेत्रीय जैविक खेती केन्द्र, बंगलूरु एवं नागपुर की प्रयोगशाला सह प्रशासनिक भवन का निर्माण कार्य प्रारम्भ हुआ।
- काफी इंतजार के बाद क्षेत्रीय जैविक खेती केन्द्र, भुवनेश्वर के लिये भवन हेतु जमीन का अधिग्रहण किया गया तथा उड़ीसा सरकार के साथ पट्टे का करार-अनुबंध किया गया।

**२. भर्ती एवं स्टाफ की स्थिति:** इस वर्ष काफी अंतराल के बाद समूह 'क' एवं 'ख' के पदों के भर्ती नियम प्रकाशित किये गये। इस वर्ष स्टाफ की आवाजाही के कारण स्टाफ की अस्थिरता बनी रही। पहले से ही अधिकारियों/कर्मचारियों की कमी, श्री डी.के.दास, प्रयोगशाला सहायक के आकस्मिक निधन एवं डा. मनोज कुमार के प्रतिनियुक्ति पर कार्य-मुक्त किये जाने से और बढ़ गयी।

**३. व्यय:** रूपये १५ करोड़ के बजट अनुमान एवं रु. १८.०० करोड़ के संशोधित अनुमान के सापेक्ष रूपये १२.१८१५ करोड़ का व्यय किया गया।

व्यय में कमी का मुख्य कारण योजनाओं का बीच में बाधित होना रहा जिसके कारण मुख्य शीर्षक ३६०१, ३६०२, २५५२ एवं अनुदान २४०१ के तहत व्यय नहीं हो पाया।

**४. ई.एफ.सी. का अनुमोदन:** संशोधित ई.एफ.सी. मेमो अनुमोदित होने पर अगस्त २०१० से नये रूप में अनुपालन में लाया गया। संशोधित उद्देश्यों एवं उत्तरदायित्वों में प्रत्यक्ष हस्तक्षेप कार्यक्रमों को दूसरी योजनाओं जैसे आर.के.वी.वाई. एवं राष्ट्रीय बागवानी मिशन आदि के लिये छोड़ते हुये सारा ध्यान तकनीकी क्षमता विकास, तकनीकी ज्ञान विकास एवं प्रचार, जैवीय मृदा स्वास्थ्य आंकलन क्षमता वर्धन एवं सहभागिता प्रतिभूति प्रणाली प्रचालन पर दिया गया है।

**४. परियोजना अवयवों का प्रचालन**

**आदान उत्पादन इकाईयों को वित्तीय सहायता:** वित्तीय सहायता की संशोधित संरचना को अगस्त २०१० में मान्यता दी गई। पूर्व में वित्तीय सहायता दिये जाने वाले तीन अवयवों के सापेक्ष वर्मी कल्चर उत्पादन इकाईयों को वित्तीय सहायता का प्रावधान समाप्त कर दिया गया। वित्तीय सहायता हेतु नाबार्ड को कुल रु. १५० लाख प्रदान किये गये। सब्जी बाजार अवषिष्ट से कम्पोस्ट बनाने की २ इकाई एवं जैव उर्वरक उत्पादन की ४ इकाईयों को नाबार्ड द्वारा स्वीकृत किया गया।



५. **प्रशिक्षणों द्वारा मानव विकास:** चार प्रकार के कुल ५६ प्रशिक्षण कार्यक्रमों के लक्ष्य के सापेक्ष ५७ प्रशिक्षण कार्यक्रम आयोजित किये गये जिनमें कुल १२२६ प्रशिक्षणार्थियों ने भाग लिया।
६. **गुणवत्ता नियंत्रण:** गुणवत्ता नियंत्रण हेतु २००० नमूनों के लक्ष्य के सापेक्ष उर्वरक गुण नियंत्रण आदेश के अनुसार ६७२ जैव उर्वरकों के नमूने एवं १११ जैविक खाद के नमूनों का विश्लेषण किया गया जबकि उर्वरक गुण नियंत्रण आदेश के अतिरिक्त अन्य जैव उर्वरकों एवं जैविक खाद के क्रमशः २६६ एवं १६० नमूनों का विश्लेषण किया गया। इस प्रकार कुल जैव उर्वरक के १२२६ एवं जैविक खाद के २७१ नमूनों का विश्लेषण किया गया।
७. **विभिन्न जैविक आदानों की गुणवत्ता बिन्दुओं का अध्ययन करना:** ऐसे विभिन्न जैविक आदान जो किसी भी गुण नियंत्रण प्रक्रिया के अंतर्गत नहीं आते हैं तथा बाजार में बिक्री किये जा रहे हैं के गुण नियंत्रण मानक बनाने हेतु अध्ययन के लिये ३८५ उत्पादों के नमूनों का विश्लेषण किया गया।
८. **जैविक आदान उत्पादन इकाईयों को तकनीकी सहायता प्रदान करना:** इसके अंतर्गत कुल ५०१ विभिन्न मौकों पर जैविक आदान उत्पादन इकाईयों को तकनीकी सहायता प्रदान की गई।
९. **मदर कल्चर की आपूर्ति:** राष्ट्रीय एवं क्षेत्रीय जैविक खेती केन्द्रों द्वारा लगातार आपूर्ति किये जाने वाले जैव उर्वरकों के स्ट्रेन्स एवं मदर कल्चर की ५०० विभिन्न लाभदायक कल्चर का विकास, मूल्यांकन, संचयन तथा भंडारण किया गया।
१०. **जैविक मृदा स्वास्थ्य आकलन हेतु क्षमता निर्माण:** जैविक मृदा स्वास्थ्य जाँच के बिन्दु तय कर उनके मूल्यांकन एवं विधियों हेतु प्रारंभिक तैयारी कर संस्थायें निर्धारित कर कृषि एवं सहकारिता विभाग, कृषि मंत्रालय को प्रस्ताव स्वीकृति हेतु भेज दिया गया है।
११. **सहभागिता प्रतिभूति प्रणाली का क्षमता निर्माण:** देश भर में विभिन्न स्थानों पर चर्चा एवं विचार-विमर्ष के पश्चात् मार्च २०११ में सहकारिता प्रतिभूति प्रणाली (पी.जी.एस.) की शुरुआत की जा चुकी है।
१२. **प्रशिक्षण साहित्य एवं सूचना पत्रों का प्रकाशन:** छमाही जैव उर्वरक सूचना पत्र तथा त्रैमासिक जैविक खेती सूचना पत्र का प्रकाशन नियमित एवं समय पर किया जा रहा है। इसके साथ-साथ ६ प्रशिक्षण साहित्य पुस्तिकायें भी तैयार कर बिना कीमत के बाँटी जा रही हैं।
१३. **प्रचार-प्रसार:** प्रचार-प्रसार कार्यक्रम में कुल १३०४७१ साहित्य की प्रतियाँ, १८ प्रदर्शनियों का आयोजन, ६४ रेडियो वार्ता एवं ५२ दूरदर्शन कार्यक्रम किये गये। राष्ट्रीय जैविक खेती परियोजना की विभिन्न गतिविधियों को १८१ विभिन्न समाचार पत्रों में सूचना रूप में प्रकाशित किया गया।
१४. **प्रगति मैदान में मृदा नमूनों की जाँच:** अंतरराष्ट्रीय व्यापार मेला, प्रगति मैदान में मृदा परीक्षण की एक अनोखी सेवा शुरू की गयी तथा अलग-अलग किसानों के ११४ से अधिक नमूनों का परीक्षण/विश्लेषण किया गया एवं उसी दिन रिपोर्ट दी गयी।

## National Project on Organic Farming

### Background:

National Project on Organic Farming (NPOF) is a continuing Central Sector Scheme since 10<sup>th</sup> Five Year Plan. Planning Commission has approved the schemas pilot project for remaining two and half years of 10<sup>th</sup> plan period with effect from 01.10.2004 with an outlay of Rs. 57.04 Crore. The scheme is continuing in the 11<sup>th</sup> plan with an outlay of Rs. 101.00 Crore with the following revised mandates-

### Mandates

- Promotion of Organic Farming in the country through technical capacity building of all the stakeholders including human resource development, technology development, transfer of technology, promotion and production of quality organic and biological inputs, awareness creation and publicity through print and electronic media.
- Statutory quality control requirements of bio-fertilisers and organic fertilizers under the Fertiliser (Control) Order (FCO), 1985, including revision of standards and testing protocols keeping in view the advances in research and technology and bringing remaining organic inputs under quality control regime.
- Capacity building for soil health assessment, organic input resource management and market development.

### Revised mandates approved w.e.f. August 2010 emphasize on:

- To facilitate, encourage and promote development of organic agriculture in the country.
- To encourage production and use of organic and biological sources of nutrients like bio-fertilizers, organic manure, compost for sustained soil health and fertility and improving soil organic carbon and to promote production and use of bio-pesticides, bio-control agents etc as alternative inputs in organic farming.
- To act as nodal agency for implementation of quality control regime for bio-fertilizers and organic fertilizers, as per the requirement of FCO.
- To formulate and define standards for other unregulated organic and biological inputs and bring them under quality control mechanism, define/upgrade standards and testing protocols.
- Develop, maintain, undertake regular efficacy testing and ensure steady supply of mother cultures of bio-fertilizer and other beneficial micro-organisms for nutrient mobilization and plant protection to the biological input production industry.
- To run short term certificate courses on organic system and on-farm resource management.
- To organize regular trainings and refresher courses for State Governments' quality control analysts/inspectors associated with implementation of Fertilizer (Control) Order 1985 (FCO).
- To impart trainers' training on certification systems, organic management, input production and on other related aspects to certification and inspection agencies, extension agencies, farmers, industries and organizations engaged in the production, and promotion of inputs and organic farming.
- To initiate research on validation of established indigenous practices, inputs and technologies leading to development of package of practices.
- To initiate studies/surveys on biological soil health assessment under different farming systems, practices or states.
- To act as central information and data collection centre on all aspects of organic farming and dissemination of information through print and electronic media.
- Publication of training literature, Quarterly Organic Farming Newsletter, Half yearly Bio-fertilizer Newsletter and validated and documented indigenous practices.

- Technical support to existing certification systems in terms of standards formulation, designing implementation protocols, evaluation and surveillance. Policy, implementation and surveillance support to alternative farmers' group centric low-cost certification system such as PGS.
- Awareness creation through seminars/conferences/trade fairs and publicity through print and electronic media.
- Support Central and State Governments in evaluation, and monitoring of various organic agriculture schemes.

### **Approved Components under Revised mandates and objectives**

1. Continuation of NCOF/RCOFs
  - (a) Continuation of NCOF/ RCOFs and their strengthening
  - (b) Construction of building of NCOF and RCOFs
2. Capital Investment Subsidy for setting up of:
  - a. Fruits & Vegetables Waste/agro-waste Compost Production Units and
  - b. Bio-fertilizer and Bio pesticide production Units
3. Development and implementation of quality control regime and technical support for organic and biological inputs
  - a. Quality Control Analysis of Biofertilizer and Organic Fertilizers
  - b. Development of quality control regime for other organic inputs
  - c. Development, maintenance and supply of authenticated strains of microorganisms
4. Human resource development through following trainings
  - a. Certificate Course on organic farming
  - b. Refresher Training course for analysts
  - c. Trainers trainings
  - d. Training of Field Functionaries / Extension Officers on Organic Farming
  - e. International trainings/exposures for trainers
5. Capacity building for biological soil health assessment and organic nutrient resource mapping
6. Encourage and Support Research, studies and/or surveys etc on organic package of practices, inputs and management protocols
7. Publication of Newsletters, Training manuals and literature etc and collection of data related to organic farming and inputs
8. Capacity building for low cost alternative certification-Participatory Guarantee System (PGS)
9. New Initiatives, Market Development, Awareness Creation and Publicity and evaluation
10. Evaluation and monitoring of organic agriculture schemes/ programmes of Central and State Governments

### **Operational structure**

National Project on Organic Farming is being operated by the Integrated Nutrient Management Division of Department of Agriculture and Cooperation, Govt of India, and is

headed by Joint Secretary (INM). The project objectives are being implemented and monitored through National Centre of Organic Farming (NCOF) at Ghaziabad as Head quarter with its six Regional Centers of Organic Farming (RCOF) located at Bangalore, Bhubaneswar, Hisar, Imphal, Jabalpur and Nagpur.

### **Operational guidelines**

Approved components are being implemented through National and Regional Centers of Organic Farming. Details of operational methodologies for different components are as follows:

1. **Financial support to input production units** – Financial support is being provided for the establishment of (i) Fruits and Vegetable market waste compost, (ii) Biofertilizers and biopesticides production units. Non-Government agencies, companies, entrepreneurs and individuals can avail the facility through credit linked back ended subsidy scheme. Loan can be availed from any scheduled bank and subsidy is reimbursed by NABARD or NCDC. Government and Semi Government bodies (including municipalities) can avail the subsidy directly by application to Department of Agriculture and Cooperation. Maximum ceiling of financial assistance is 33% of total financial outlay or Rs. 60 lakh whichever is less for Fruit and Vegetable Market waste compost, and 25% of total financial outlay or Rs. 40 lakh whichever is less for biofertilizers and biopesticide production units.
2. **Development and implementation of quality control regime and technical support for organic and biological inputs** – Five biofertilizers and three organic fertilizers are covered under FCO. National Centre of Organic Farming and its six Regional Centres are notified quality testing laboratories under the act. Authorized inspectors from State Governments draw samples of quality analysis as per the requirement of FCO and send to respective NCOF/RCOFs for analysis. Reports of such samples are being provided to sample drawing authorities for further necessary action.

NCOF and RCOFs carry out research on new organic and biological products under project mode to define their standards and testing protocols. Such protocols after thorough evaluation are submitted to DAC for drawing appropriate strategies for inacting the quality control requirements of such new products.

To meet the regular requirement of mother culture strains of effective microorganisms for production of biofertilizers, more than 500 strains are being maintained at these centres. All these strains have been developed by different research institutes in the country and are recommended for commercial use. Such strains are provided to the producers at nominal cost of Rs. 20/- per slant. In case if the strain is requested by post then the cost levied is Rs. 40/- per slant. NCOF and RCOFs meet approximately 80% of the total demand of such germ plasm from the industry.

3. **Human Resource Development through trainings** – Five different types of trainings, with different course contents are being arranged under NPOF through NCOF and RCOFs. These are: (i) Certificate Course on Organic Farming, (ii) Refreshers Training, (iii) Training for field functionaries and Extension officers on organic farming (iv) Trainers' Training (v) International trainings / exposure for trainers.

As majority of such training programmes are for state Government officials, these trainings are organized in consultation with State Agriculture/ Horticulture Departments.

All the training programmes conducted during the year 2010-2011 were organized and conducted by NCOF and RCOFs.

---

4. **Capacity building for Biological soil health assessment and support to Research** – All these programmes are being implemented through various ICAR and SAU institutions in collaboration with NCOF.

5. **Publication of Newsletters, Training manuals and literature** – For technology and information dissemination two periodicals are being published regularly as follows:

i. **Organic Farming Newsletter – quarterly**

ii. **Biofertilizer Newsletter – Half yearly**

Besides these NCOF and RCOFs are mandated to prepare and publish necessary training literature for mass distribution of technology and information.

6. **Capacity building for low cost alternative certification-Participatory Guarantee System (PGS)** – A PGS-India programme has been launched to offer an alternative farmer group centric certification system.

7. Market development, new initiatives and evaluation activities are taken up as per the requirement from states and implementing agencies from time to time.

## Summary of Achievements (2010-2011)

1. **Construction of Buildings** – The year 2010-11 was significant in terms of land acquisition and building construction.
  - The Administrative-cum-Lab building of NCOF along with the trainees Hostel was complete and awaiting possession in want of electric connection.
  - Lab-cum-Administration building of RCOF Impahl was complete and functioning of the office was shifted to new premises.
  - Construction of Lab-cum-Administration building was started at RCOF Bangalore and Nagpur.
  - After a long gap the land for RCOF Bhubaneswar was taken into possession and lease deed was signed with Govt of Orissa.

**Recruitment and Staff Strength** – After a long gap the recruitment rules in respect of Group A and B were finalized and notified during this year. Dwindling staff strength was continued to be concern during the year. While we lost one officer due to the death of Shri DK Das, Lab Asstt at RCOF Bangalore, another officer, Dr Manoj Kumar was relieved on deputation resulting into further reduction of already constrained staff strength.

2. **Expenditure** - Against a BE of Rs 15.00 crores and Revised estimates of Rs 18.00 crores, the actual expenditure was Rs **12.1815** crores.

Shortfall in expenditure was due to discontinuation of direct intervention schemes, through funding, due to which no expenditure could be incurred in major heads 3601, 3602, 2552 and GIA-General in MH 2401.

3. **Approval of EFC** – The EFC memo was revised and approved with new implementation structure and mandates with effect from August 2010. In the revised mandates and objectives, while direct intervention approached was dropped in favour of other schemes such as RKVY and NHM etc, major emphasis was given on technical capacity building, technology development and dissemination and capacity building for Biological soil health assessment and Participatory Guarantee System (PGS).

#### 4. **Implementation of project components**

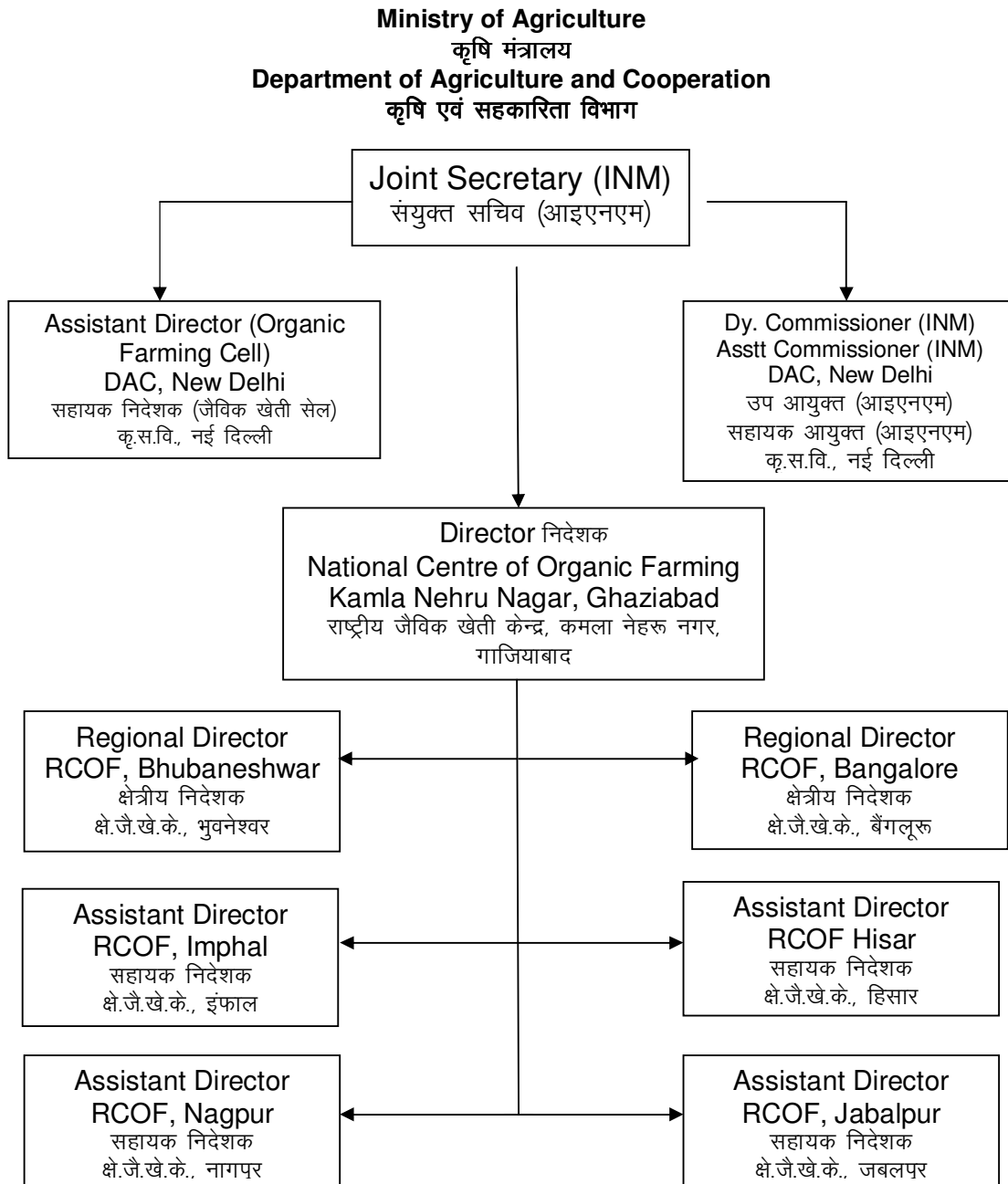
**Capital Investment subsidy scheme** – With revised mandates and revised subsidy structure the scheme was approved in August 2010. Out of the three components, Vermiculture hatcheries component was dropped in favour of other schemes. A sum of Rs. 150 lakh was released to NABARD for granting subsidy. 2 units of Fruits and Vegetable Market Waste Compost and four units of Biofertilizer were approved by NABARD.

5. **Human Resource Development through trainings** – Against a target of 59 trainings under four categories 57 training programmes were organized, benefiting 1229 participants.

6. **Quality Control** - Under quality control component against a target of 2000 sample 972 samples of biofertilizers and 111 samples of organic fertilizers were analyzed and reported under FCO and 296 samples of biofertilizers and 160 samples of organic fertilizers not covered under FCO were also analyzed for study purpose. Total sample analysis was 1228 samples of biofertilizers and 271 samples of organic fertilizers.

- 7. Studies on quality parameters** - For defining quality parameters studies are under way in a project mode on various types of organic manures, enriched and fortified composts and de-oiled cakes. Under the project so far 385 samples of commercial products have been analyzed.
- 8. Technical assistance to production units** - To assist organic input production units technical assistance/ advice was provided to various agencies on 501 occasions.
- 9. Supply of mother cultures** - For continuous supply of microbial germplasm NCOF and RCOFs are maintaining more than 500 strains of different beneficial microbial organisms. As per the need 1465 slants of such strains were provided to the industry to meet their production needs. NCOF/RCOFs account for 80% of the total requirement of such strains in the country.
- 10. Capacity building of Biological soil health Assessment** – Initial efforts related to identification of methodology and parameters and networking of institutions has been done. Proposal is awaiting sanction of DAC.
- 11. Capacity building of PGS** – After thorough consultations and nationwide interaction PGS-India programme has been launched during March 2011.
- 12. Publication of Newsletters and training manuals** – Half yearly Biofertilizer Newsletter and Quarterly Organic Farming Newsletter are being published regularly as per time schedule. Besides these 9 training manuals have also been prepared and are being distributed free of cost.
- 13. Publicity** - Distributed **130471** copies of literature, arranged **18** exhibitions, organized **64** Radio talks and **52** Television programmes. On various activities of NPOF there were **181** Newspapers coverage.
- 14. Live soil testing at Pragati Maidan** – A unique service of soil testing was initiated at IITF, Pragati Maidan and More than 114 samples of different farmers were analyzed and reported.

## Operational Structure of NPOF एनपीओएफ की कार्यकारी संरचना





## Administrative Report

### 1. Administrative structure

The National Project on Organic Farming is being implemented through National Centre of Organic Farming (NCOF), Ghaziabad and its six Regional Centers of Organic Farming (RCOF) located at Bangalore, Bhubaneswar, Hisar, Imphal, Jabalpur and Nagpur. While NCOF is headed by the Director, in the absence of sufficient officers, only two RCOFs are headed by the Regional Directors. Remaining four RCOFs are being managed by the Director through Assistant Directors.

### 2. Staff strength

Against a sanctioned strength of 104, the available strength was only 84 during the year 2010-11 and 20 posts are lying vacant or are under revival. Post wise situation of vacant and filled up posts is given in Table 1. Centre-wise incumbency strength with name of officers working on different posts is given in Annexure V.

### 3. Building & Land

#### i) NCOF, Ghaziabad

a) **Existing Location** : NCOF is functioning in Govt. building (rent free) located at CGO-Complex-II, Kamla Nehru Nagar, Ghaziabad. The total covered area is 6355 sft.

b) **Land and Building construction** - A plot of 9.5 acres of land was allotted by the Directorate of Estate, M/o Urban Development at a cost of Rs.95 lakhs. The NBDC/NCOF has paid Rs.90 lakhs only as there was a dispute of around 760 sqm. of land, which has not been taken into possession by the NBDC/NCOF. The dimensions of the plot are 253.70 mt x 151.54 mt (38444.57). The physical possession of the land was taken on 05.06.1998 except the disputed area of 760 meters. The boundary wall (841.48 running meters) has been constructed and soil testing etc. has been done, at a cost of Rs. 46,74,337/-. The layout plan with the estimated cost of Rs.13,75,69,000/- has been approved by DAC and the construction work is going on. During the year 2010-11, Rs. 192.31 lakhs were allotted to CPWD, out of which expenditure of Rs. 20191326.00 on Civil & Electrical works up to 31.03.2011 was made by CPWD. As on 31.03.11, civil work of main office-cum-lab building and trainees hostel has long been completed and taking over is pending due to minor finishing work and mainly because of electric connection. The construction work of auditorium building is stalled since last six months due to some dispute between CPWD and contractor, type-I and Type-V quarters are completed except internal and external finishing and flooring therein.

#### ii) RCOF, Bangalore

a) **Existing Location** - The centre is functioning in a private building with a total area of 3040.28 sq.ft. The rent per month for the said building was Rs.16000/- as per lease agreement.

b) **Land and Building construction** - The Govt. of Karnataka allotted 05-acres of land for construction of RBDC/RCOF, Bangalore in Kannamangala Coconut Farm of Horticulture at a total cost of Rs. 7.5 lakhs which was paid on 04.06.97. Necessary A/A of P/E of Rs.73,73,900/- for construction of Boundary wall & of Rs.459.53 lacs for construction of Office-cum-lab building for RCOF at Kannamangala, Bangalore was conveyed by DAC vide letter No.6-16/94-FP/INM dated 04.12.2009. During the year 2010-11, Rs. 240.00 lakhs for construction of Boundary wall, main office-cum-

lab building etc. were allotted to CPWD, Bangalore, out of which expenditure of Rs. 17522571.00 up to 31.03.2011 was made by CPWD.

### iii) RCOF, Bhubaneshwar

a) **Existing location** – The functioning of the centre was shifted from at A-153, Sahid Nagar, Bhubaneshwar to new office building for RCOF, Bhubaneshwar at GA-114, Niladri Vihar, Bhubaneshwar having area of 6964.84 sft at a monthly rent of Rs. 62,684/- (Rupees Sixty two thousand six hundred and eighty four only) per month w.e.f. 01.03.2011 to 28.02.2014 for a period of three years.

b) **Land** : RCOF, Bhubaneshwar has been allotted land of 3.785 acres located at Plot No.P/1, BDA Drawing No.B/757 Revenue Plot No.23/pt Khata No.449 (Agriculture Dept.) Mauza-Ghatikia, Bhubaneshwar for establishment of the Centre. On the basis of land allotment order issued by the G.A. Deptt., Govt. of Orissa in favour of RCOF on 01.08.2009, RD, RCOF, Bhubaneshwar has taken over the possession of land on 07.10.2009. The lease deed between Govt. of Orissa and Govt. of India was signed on 29.03.2011.

After taking over the possession of the said land, RCOF, Bhubaneshwar was requested to approach CPWD for necessary layout plan for the entire area and building construction plan for approval on the basis of the designs approved for RCOF, Nagpur. CPWD was also requested by RCOF, Bhubaneshwar to submit the preliminary estimate for boundary wall for early construction of the boundary wall.

### iv) RCOF, Hisar

a) **Existing Location** - Presently, Centre is functioning in a rented building at 798, Patel Nagar, Opp. CID Colony, Hisar w.e.f. October, 2008 (01.10.2008) and shall subject to the terms of the lease agreement continue for a term of 03-years i.e. up to 30.09.2011 @ monthly rent of Rs.29,403/-.

b) **Land** : Efforts are on with State Government of Haryana to locate the land.

### v) RCOF, Jabalpur

a) **Existing location** - RCOF, Jabalpur is functioning from a private building (Adhartal, Jabalpur) with total area of 3377.03 sft. on a monthly rent of Rs.10,000/- p.m. as per lease agreement w.e.f. 01.08.2000 to 31.07.2005. The lease agreement was extended for further period of five years w.e.f. 01/08/2005 to 31.07.2010 on the same rent, terms and conditions as per approval received from DAC and the case for further extension of lease agreement on the new rent to be assessed by CPWD is under process.

b) **Land** : Local Administration has identified a land site in the outskirts of Jabalpur and sent the proposal to the state Government. As requested by the state Government a processing fee of Rs. 2500/- has been deposited.

### vi) RCOF, Imphal

a) **Building** : The centre was functioning in the rent free State Govt. building located in the State Agriculture Farm, Mantripukhri having total area of 3750 sq. ft. up to Mid October, 2010. The functioning of the centre was shifted to newly built premises in mid of the October, 2010.

b) **Land and Building construction** - The Government of Manipur allotted 02-acres of land (90 m x 88.9 m = 8001 sqm) @ Rs.1/- per annum revenue (free of cost). The construction work has almost been completed by CPWD. During the year 2010-11, a sum of Rs. 117.69 lacs was sanctioned by DAC vide letter No.6-63/93-FP/INM, out

of which an expenditure of Rs. 11762000.00 was incurred by CPWD for campus development work and providing core facilities. Construction work of two Type II quarters are in progress and are likely to be completed during 2011-12.

**vii) RCOF, Nagpur**

- a) **Existing Location** - RCOF, Nagpur is functioning in Govt. Building (N.S. Building, Civil Lines, Nagpur). The area of the centre is 4650 sq.ft. roughly. Being Central Govt building it is rent free.
- b) **Land and building construction** - The Govt. of Maharashtra has allotted 01-ha land for the construction of RCOF, Nagpur in a Village Gondkheri at a distance of approx. 20 kms from Nagpur. Rs.2.45 lakhs have been paid as per approval conveyed by DAC for acquiring the said land. Boundary wall & Type-1 quarter has already been constructed during the year. DAC conveyed the administrative approval of Rs.421.38 lakhs for construction of the building for RCOF, Nagpur. During the year 2010-11, a sum of Rs.50.00 lakh was sanctioned by DAC vide letter No.6-25/93-FP/INM for construction work in favour of CPWD, out of which an expenditure of Rs. 4620835.00 was made by CPWD.

**TABLE-1****DETAILS OF SANCTIONED STRENGTH (CATEGORY-WISE), ACTUAL STRENGTH AND VACANCIES OF NATIONAL PROJECT ON ORGANIC FARMING AS ON 31.03.2011**

Nomenclature of the post	Sanctioned Strength		Existing Strength		Group (A/B/C/D)	No. of the posts vacant	Status/Remark/Date of Vacancy
	Gaz.	Non-Gaz.	Gaz.	Non-Gaz.			
<b>Director</b> Rs. 37400-67000 + 8700 GP	01	--	01	--	A	--	--
<b>Regional Director</b> Rs.15600-39100 + 7600 GP	05	--	03	--	A	02	07.01.2002, 20.03.2007
<b>Deputy Director (Trg.)</b> Rs. 15600-39100 + 6600 GP	01	--	--	--	A	01*	25.09.08 *(lien vacancy due to joining as DC(INM) on dep.)
<b>Sr. Admn. Officer</b> Rs. 15600-39100 + 6600 GP	01	--	--	--	A	01	06.09.2006
<b>Asstt. Director</b> Rs. 15600-39100 + 5400 GP	06	--	05	--	A	01 *lien vacancy	11.01.2002, 21.02.2002 *Adhoc
2-lien vacancy of AD(Ad hoc) w.e.f.06.03.2008 & 30.10.09 due to joining of Dr.K.Bihari as AC(INM) in DAC & joining of Sh.P.Majumdar on deputation as Jt.Director (Extn.) in DAC & 2-lien vacancies due to promotion of JSOs as AD(Ad hoc)							
<b>Jr. Scientific Officer</b> Rs. 9300-34800 + 4600 GP	18	--	11	--	B	03+ 04* *lien vacancy	07.05.2003* 20.04.2004 04.09.2004 03.08.2006* 27.01.2009* *(lien vacancy) 02.07.2009 08.12.2010**
** 1-lien vacancy of JSO w.e.f.08.12.2010 due to relieving of Dr. Manoj Kumar from RCOF, Bangalore due to his selection on the post of Seed Technologist in National Seed Research and Training Centre (NSRTC), Varanasi of DAC on deputation basis for the period of four years.							
<b>Cataloguer</b> Rs. 9300-34800 + 4200 GP	--	01	--	01	B	--	--
<b>Store-keeper</b> Rs. 9300-34800 + 4200 GP	--	01	--	01	B	--	--
<b>Jr. Hindi Translator</b> Rs. 9300-34800 + 4200 GP	--	01	--	--	B	01	RRs to be finalized by DAC
<b>Steno Grade-I</b> Rs. 9300-34800 + 4200 GP	--	05	--	05	B	--	--
<b>Steno Gd.-II</b> Rs. 9300-34800 + 2400 GP	--	03	--	03	C	--	--
<b>Accountant</b> Rs. 5200-20200 + 2800 GP	--	07	--	04	C	03*	--
<b>U.D.C.</b> Rs. 5200-20200 + 2400 GP	--	07	--	04	C	03*	-do-
<b>L.D.C.</b> Rs. 5200-20200 + 1900 GP	--	03	--	03	C	--	-
<b>Driver Gd-II/Ord. Gd.</b> Rs. 5200-20200 + 2400/1900 GP	--	06	--	06	C	--	
<b>Lab. Asstt.</b> Rs. 5200-20200 + 1900 GP	--	13	--	12	C	01	01.06.2010*
*One post of LA fell vacant w.e.f. 01.06.2010 due to sudden demise of Sh.D.K.Das, LA, RCOF, BGLR							
<b>Field-cum-Lab Attendant</b> Rs. 5200-20200 + 1800 GP	--	13	--	13	C	--	
<b>Peon</b> Rs. 5200-20200 + 1800 GP	--	07	--	07	C	--	
<b>Chowkidar</b> Rs. 5200-20200 + 1800 GP	--	05	--	05	C	--	
<b>TOTAL</b>	32	72	20	64		20	
<b>GRAND TOTAL</b>	104		84		+	20	= 104

#### 4. Library and Information Wing

Under “**National Project on Organic Farming**”, a Central Library has been established during 1988 at its Head Quarter, Ghaziabad. The Central Library is coordinating with its Regional Centres and other Departments in respect of disseminating information on various aspects. The library has made considerable progress to establish it as Resource Unit. Sufficient literature on various subjects is available. Considering the instructions of Rajbhasha Vibhag, the books/magazines in Hindi are also being procured regularly. At the end of financial year 2010-2011, the available documents are as under:

A. Books	: 2103
B. Reports/Proceedings	: 346
C. CD/VC/Slides etc.	: 38
D. Journals/Periodicals (83)	
: Current	: 60
: Complementary	: 07
: Discontinued	: 16
E. Newspapers (daily)	: 02
F. Magazines	: 02
G. Publication :	
- <i>Biofertiliser Newsletter</i>	: 01 Bi-annual (since 1993)
- Organic Farming Newsletter	: 01 Quarterly (since 2005)
- Annual Report	: 01 Annual
H. Publications available on sale/demand	: 03

During 2010-2011, total 127 books on various aspects have been added in the collection; 02 new journal subscribed and 2 newspapers, 2 magazines were being subscribed. Biofertiliser Newsletter is being sent free of cost to approximately 500 institutions, scientists and production units. Organic Farming Newsletter being published in 1500 copies is being sent free of cost to more than 1200 institutions, scientists, agencies and NGOs. Other publications including publicity literature being published is circulated widely free of cost.

All training manuals, news letters and publications are available on the website at <http://ncof.dacnet.nic.in/new/index>.

Following training manuals were prepared from internal publication wing of NCOF and are being distributed in training programmes and demonstrations, these books are free publications and are available to public/farmers/agencies on demand.

1. जैविक खेती (६७ पृ.)
2. Organic Farming (60 pages)
3. भारत में जैविक खेती के लिये प्रमाणीकरण एवं निरीक्षण पद्धति प्रशिक्षण पुस्तिका (६४ पृ.)
4. Training manual certification and inspection system in organic farming in India (64 pages)
5. जैव उर्वरक, जैविक खाद एवं अन्य जैविक आदान उत्पादन विधियाँ (६८ पृ.)
6. Production and Quality Control of Organic and Biological Inputs (76 pages)
7. सेवा प्रदाता कार्य प्रणाली दिशा निर्देश (३४ पृ.)
8. Working Guidelines for Service Providers (39 pages)
9. केंचुआ खाद Vermi Composting (Hindi) (30 pages)

#### 4. Vigilance

The period during 25<sup>th</sup> October to 01<sup>st</sup> November, 2010 was declared as “**Vigilance Awareness Week**” by NCOF/ RCOFs, as per the guidelines issued by Central Vigilance Commission (CVC). During this period all the staff took pledge for fighting against the corruption and maintaining transparency in day to day work for

helping in creation of corruption-free environment. The posters provided by CVC were also exhibited; debate and discussions were held to create awareness on vigilance matters. Besides this, monthly, quarterly, half yearly and annual vigilance matters i.e. anti-corruption measures, pending disciplinary proceedings, implementation of annual action plan on vigilance and vigilance control measures etc. were sent to vigilance section of DAC, New Delhi, from time to time. The guidelines/ instructions as sent by CVC and DAC are being implemented strictly at NCOF/ RCOFs level. The NCOF has also sent a letter to all implementing agencies about grievances if any, faced by them during implementation of the National Project on Organic Farming project.

## 5. राजभाषा

वर्ष २०१०-२०११ में राजभाषा विभाग द्वारा हिन्दी पत्राचार के लिए निर्धारित किये गये लक्ष्यों को प्राप्त करने के लिए कार्यालय द्वारा हर सम्भव प्रयास किये गये एवं कार्यालय शत-प्रतिशत लक्ष्यों की प्राप्ति के लिए निरन्तर प्रयत्नशील है। कार्यालय द्वारा वर्ष २०१०-२०११ के दौरान हुए पत्राचार का विवरण निम्नानुसार है:-

### सारिणी : २. वर्ष २०१०-२०११ के पत्राचार का विवरण

धारा अधिनियम १९६३ की धारा ३(३) के अंतर्गत जारी कागजातों की कुल संख्या	धारा अधिनियम १९६३ की धारा ३(३) के अंतर्गत केवल अंग्रेजी में जारी कागजातों की संख्या	हिन्दी में प्राप्त पत्रों की कुल संख्या	हिन्दी में प्राप्त पत्रों के सापेक्ष जवाब अंग्रेजी में दिये गये पत्रों की संख्या	'क', 'ख' एवं 'ग' क्षेत्रों में प्रेषित पत्रों की संख्या (हिन्दी-अंग्रेजी)			
				क्षेत्र	हिन्दी	अंग्रेजी	प्रतिशत
७६	शून्य	१८२	शून्य	क	४६७१	३७३	६२.६०
				ख	४७१	१०४	८१.६१
				ग	१०६०	२७१	७६.६३
				योग	६२०२	७४८	८६.२३

राजभाषा विभाग द्वारा निर्धारित ०४ राजभाषा कार्यान्वयन समिति की बैठकें, कार्यालय में आयोजित की गयीं और जिनमें हिन्दी कार्य के प्रत्येक बिन्दु पर विचार-विमर्श किया गया। वित्तीय वर्ष २०१०-२०११ के दौरान कार्यालय में ०२ हिन्दी कार्यशालाएं आयोजित करवाई गईं जिनमें कार्यालय के सभी अधिकारियों/कर्मचारियों ने भाग लिया। कार्यालय में नियमित तौर पर पत्राचार में प्रयोग आने वाले आवश्यक प्रपत्र द्विभाषी (हिन्दी-अंग्रेजी) में तैयार किये गये तथा आवश्यकतानुसार रबर स्टैम्पस द्विभाषी (हिन्दी-अंग्रेजी) रूप में बनवाई गईं।

राजभाषा के प्रयोग में रुचि व प्रोत्साहन की दृष्टि से कार्यालय में हिन्दी दिवस एवं हिन्दी पखवाड़ा का आयोजन (दिनांक १४.०६.२०१० से ३०.०६.२०१०) किया गया जिसमें हिन्दी निबन्ध लेखन प्रतियोगिता तथा स्वरचित काव्य पाठ प्रतियोगिताएं आयोजित की गयीं। इन प्रतियोगिताओं में कार्यालय के सभी अधिकारियों/कर्मचारियों ने बड़ी रुचि व उत्साह से भाग लिया। इसी प्रकार ०१ प्रतियोगिता (हिन्दी काव्य पाठ) कार्यालय के स्टाफ के बच्चों की आयोजित करवाई गई जिसमें स्टाफ के बच्चों ने बड़ी रुचि व उत्साह से भाग लिया। इन प्रतियोगिताओं में भाग लेकर प्रथम, द्वितीय, तृतीय एवं चतुर्थ स्थान पाने वाले प्रतियोगियों को पुरूस्कार के रूप में स्मृति चिन्ह एवं अन्य प्रतियोगियों को प्रोत्साहन पुरूस्कार प्रदान कर पुरूस्कृत किया गया।

क्षेत्रीय कार्यालयों से प्राप्त तिमाही हिन्दी प्रगति रिपोर्टों की समीक्षा इस कार्यालय द्वारा की गयी और उनमें पायी गयी कमियों के निराकरण हेतु उन्हें सुझाव पत्र भेजे गये।

कार्यालय द्वारा वर्ष २०१०-११ के दौरान तकनीकी साहित्य - जैव उर्वरक, जैविक खाद एवं अन्य जैविक आदान उत्पादन विधियों, वर्मी कम्पोस्ट एवं जैविक खेती हिंदी भाषा में तैयार की गयीं तथा ०२ अन्य शीर्षक यथा जैविक खेती और भारत में जैविक खेती के लिए प्रमाणीकरण एवं निरीक्षण पद्धति हिन्दी भाषा में भारत सरकार, मुद्रणालय को मुद्रण हेतु अग्रेषित की गयीं।

वर्ष २०१०-११ के दौरान राजभाषा विभाग के क्षेत्रीय कार्यान्वयन कार्यालय(उत्तर), गाजियाबाद द्वारा इस कार्यालय के हिंदी कार्य का निरीक्षण किया गया जिसे उन द्वारा सराहनीय बताया गया।

## 6. e-Governance and Computerization

Under the Department of Agriculture & Cooperation Network (DACNET), programme NCOF and RCOFs were equipped with the tools of e-governance and connected with each other and DAC via internet. Now information on Organic Farming is **on line**.

### i. Organic Farming web portal (<http://ncof.dacnet.nic.in/ne/index/htm>):

The web portal of project has been developed with the help of NIC at the URL <http://ncof.dacnet.nic.in>. This web portal is linked with the web pages/portals of all the six RCOFs. The web portal contains all the relevant information about activities of the centers along with achievements. Important publications of the NCOF/RCOFs are available online. FAQs on Biofertilizers for the citizens are included to satisfy any query of visitors to this portal.

### ii. Salient features of NCOF web portal

Home page of the portal is divided into following sections and each section has further sub-divisions.

## Budget Estimates and Expenditure

Rs. 15.00 crores was allocated for expenditure during 2010-11 under four Major- Heads. In exigency of requirements and demand from various quarters the allocation was revised and a revised estimate was approved for Rs 18.00 crores.

1. The Major Head 2401 relates to administrative expenses and Grants in Aid for Non-Govt implementing agencies.
2. Major Head 3601 provides grants to State Governments.
3. Major Head 3602 provides grants to Union Territory
4. Major Head 2552 provides grants exclusively to North Eastern States.
5. Major Head 4401 is for capital expenses on account of land procurement and building construction.

Details of Head-wise expenditure are given in Table 3.

Table 3. Financial Achievement under National Project on Organic Farming during 2010-11(Rs. Lakh)

Sr. No.	MH-Head	B.E.	R.E.	Expenditure incurred
<b>1.</b>	<b>MH-2401</b>			
	i) Other than Grants-in-Aid (Admin.)	514.00	620.00	468.15
	ii) Grant-in -Aid	171.00	130.00	0
	(iii) GIA (Creation of Capital Assets)	0	150.00	150.00
	<b>Total</b>	<b>685.00</b>	<b>900.00</b>	<b>618.15</b>
<b>2.</b>	<b>MH-3601</b>			
	Grant -in- Aid	100.00	0	0
<b>3.</b>	<b>MH-3602</b>			
	Grant -in -aid	15.00	0	0
<b>3.</b>	<b>MH-2552</b>			
	Grant-in Aid to N.E. States	300.00	300.00	0
<b>4.</b>	<b>MH-4401</b>			
	Capital (Building)	400.00	600.00	600.00
	<b>Total</b>	<b>1500.00</b>	<b>1800.00</b>	<b>1218.15</b>

As the EFC was under review since last year and was finally approved during August 2010, the direct intervention components through funding were discontinued. Therefore there was no expenditure under the major head 3601, 3602 and 2552. Similarly due to discontinuation of funding scheme, there was no expenditure under sub head GIA general under Major Head 2401.



Detail of centre-wise expenditure under different sub-heads is given in Table 4.

**Table 4. Centre wise Expenditure Report (April 2010- March 2011) ( Rs. lakh)**

Sl. No	Head and sub-heads	Budget Estimate 2010-11	Revised Estimate 2010-11	CENTERS							Total
				NCOF GZB	Regional Centres of Organic Farming						
					BGL	BBSR	HSR	IMP	JBP	NGP	
<b>Major Head – 2401</b>											
1	Salaries	275.00	325.00	90.79	47.79	43.29	19.59	37.50	32.27	34.59	305.82
2	Wages	3.80	8.00	1.79	0	0.89	0.22	0.28	0	0.13	3.31
3	Over Time Allowance	0.20	0.20	0.13	0	0	0	0	0	0	0.13
4	Medical Treatment	12.00	12.00	2.18	2.57	1.49	0.49	0.12	3.70	0.78	11.33
5	Domestic Travel Expenses	30.00	30.00	5.06	8.37	5.50	0.60	2.58	1.50	2.73	26.34
6	Foreign Travel Expenses	10.00	10.00	0	0	0	0	0	0	0	0
	Office Expenses	55.00	55.00	21.89	5.06	7.50	3.84	1.40	2.52	1.50	43.71
	Rent Rate & Taxes	13.00	13.00	0	3.00	1.74	3.66	0	0.63	0	9.03
	Other Admn. Expenses	28.00	60.00	8.90	6.12	6.07	2.52	3.50	0.73	6.12	33.96
	Supplies & Materials	10.00	10.00	3.85	1.90	1.00	0	0.12	0.37	0.50	7.74
	Advertising & Publicity	15.00	15.00	10.76	0.90	1.00	0.09	0	0.28	0.06	13.09
	Grant-in-Aid	171.00	130.00	0	0	0	0	0	0	0	0
	Grant for creation for Capital Assests	0	150.00	150.00	0	0	0	0	0	0	150.00
	Other Charges	2.00	2.00	0	0.41	0.23	0	0	0	0	0.64
	Motor Vehicles	10.00	29.80	1.18	1.10	0.45	0	0.22	0.51	0.79	4.25
	Machinery & Equipments	50.00	50.00	5.23	1.00	1.00	0.20	0	0.87	0.50	8.80
<b>Major Head 4401</b>											
16	MH-4401 Major Works (Capital)	400.00	600.00	600.00	0	0	0	0	0	0	600.00
<b>Major Head 3601</b>											
17	MH-3601 Grant-in-aid	100.00	0	0	0	0	0	0	0	0	0
<b>Major Head 3602</b>											
18	MH-3602 (Pondichery)	15.00	0	0	0	0	0	0	0	0	0
<b>Major Head 2552</b>											
19	MH-2552 (NER)	300.00	300.00	0	0	0	0	0	0	0	0
<b>Total</b>		<b>1500.00</b>	<b>1800.00</b>	<b>901.76</b>	<b>78.22</b>	<b>70.16</b>	<b>31.21</b>	<b>45.72</b>	<b>43.38</b>	<b>47.70</b>	<b>1218.15</b>

### Implementation of project components

As direct intervention approach through funding to other agencies was discontinued all implementation components were implemented by NCOF and RCOFs except Capital Investment Subsidy scheme, which was implemented by NABARD. Under Capital Investment Subsidy (CIS) scheme a sum of Rs. 150 lakh were released to NABARD.

Overall physical achievements vis-à-vis targets are presented in Table 5.

**Table - 5. Physical Targets & Achievements during 2010-11**

Sr. No	Components	Target	Achievements
<b>A.</b>	<b>Organic Inputs Production Units</b>		
	Fruit and Vegetable Market Waste Compost unit	-	2
	Biofertiliser Production Units	-	4
<b>B.</b>	<b>Training Programme</b>		
	Certificate Course on Organic Farming	01	00
	Refreshers Course for Analyst	08	07
	Training for Field Functionaries / Ext. Off.	29	29
	Trainers Training course on Organic mgmt	21	21
	Awareness Prog. (Workshops)	03	03
<b>C.</b>	<b>Biological Soil Health Assessment</b>	-	Under Progress
<b>D.</b>	<b>Capacity Building for Participatory Guarantee System (PGS)</b>	-	Programme Launched
<b>E.</b>	<b>Publication of newsletters</b>		
	Biofertilizers Newsletter	02	02
	Organic Farming Newsletter	04	04
<b>F.</b>	<b>Publication of literature</b>	04	07
<b>G.</b>	<b>Quality Control</b>		
	Biofertilizers	2000	1228
	Organic Fertilizers		271
<b>H.</b>	<b>Maintenance of strains and supply</b>		
	Total strains maintained	-	500
	No of slants supplied	-	1465
<b>I.</b>	<b>No of samples tested under study project</b>	-	385

### Support to Organic Input production units

To boost the production of organic inputs, under Capital Investment Subsidy Scheme (CISS) of NPOF financial assistance is being provided to various Central/ State Govt, Non Govt and private entrepreneurs @ 33% of total financial out lay (TFO) limited to Rs. 60 lakh for setting up of Vegetable and fruit market waste compost production unit and 25% of TFO limited to Rs. 40 lakh for setting up of biofertilizer/ bio-pesticide production units. To Govt agencies funds are being sanctioned directly by DAC and to private agencies the assistance is available as credit linked back ended subsidy through NABARD and NCDC. The scheme is continuing since the year 2004-05. Under the scheme any agency, company or individual entrepreneur can directly submit the project proposal to any scheduled bank, obtain loan and set up production unit. It is the responsibility of the bank to avail subsidy and/ or refinancing from NABARD.

**a. Production units supported through NABARD**

During the year 2010-11 as most of the time was spent in revising the mandates and framing the new operational guidelines, only 68 new units could be sanctioned by NABARD. Details of units sanctioned during the year and total amount of eligible subsidy approved, (including the subsidy approved in this year against the units sanctioned in previous years) are given in Table 6.

**Table 6. State-wise details of various production units supported by NPOF under credit linked back-ended subsidy scheme through NABARD and total eligible subsidy approved (including the amount of subsidy approved in respect of earlier sanctioned units) during 2010-11**

S.No.	Name of State	Amount of Subsidy Approved (Lakh Rs.)			
		FVMWC	Biofertilizer	VCH	Total
1	Andhra Pradesh	0	1	0	19.9020
2	Arunachal Pradesh	0	0	0	0.0000
3	Assam	0	0	0	0.3740
4	Bihar	0	0	0	0.0000
5	Chhattisgarh	0	0	0	0.0000
6	Goa	0	0	0	0.0000
7	Gujarat	0	0	0	50.8083
8	Haryana & Punjab	0	0	26	37.7094
9	Himachal Pradesh	0	0	0	0.0000
10	J & K	0	0	0	0.0000
11	Jharkhand	0	0	0	0.0000
12	Karnataka	2	1	5	119.0680
13	Kerala	0	0	1	0.0000
14	Madhya Pradesh	0	0	0	0.0000
15	Maharashtra	0	1	3	24.5000
16	Manipur	0	0	0	0.0000
17	Meghalaya	0	0	0	0.0000
18	Mizoram	0	0	0	0.0000
19	Nagaland	0	0	0	0.0000
20	Orissa	0	0	0	0.0000
22	Rajasthan	0	0	26	22.5000
23	Sikkim	0	0	0	0.0000
24	Tamil Nadu	0	1	0	10.5880
25	Tripura	0	0	0	0.0000
26	Uttar Pradesh	0	0	2	2.0440
27	Uttarakhand	0	0	0	17.5000
28	West Bengal	0	0	0	0.0000
29	All Uni. Terro.	0	0	-1	0.0000
	<b>TOTAL</b>	<b>2</b>	<b>4</b>	<b>62</b>	<b>304.9937</b>

**Progress of CIS scheme under NPOF since inception**

Starting since October 2004 total number of production units established and total production capacity of various organic inputs generated were as follows:

Type of units	No.	Capacity (MT/annum)
1. Fruits & Vegetable market waste compost	20 units	- 66000 MT
2. Biofertilizers	59	- 6010 MT
3. Vermiculture/ Vermicompost	1681	- 1,15,730 MT

**Table 8. State-wise details of production units supported by NPOF under credit linked back-ended subsidy scheme through NABARD and total subsidy committed since the inception of NPOF starting from October 2004 till March 2011**

Sl. No.	State	Fruit and Vegetable Market Waste Compost units	Biofertilizers Production Units	Vermiculture hatcheries/ compost units	Total subsidy committed (Rs Lakh)
1	Andhra Pradesh	0	7	5	124.734
2	Arunchal Pradesh	0	0	0	0
3	Assam	1	0	27	26.463
4	Bihar	0	0	7	9
5	Chattisgarh	0	0	6	7.9
6	Delhi	1	0	0	40
7	Goa	1	1	0	33.94
8	Gujarat	1	3	86	218.12096
9	Himachal Pradesh	0	1	1	21.583
10	J & K	0	0	0	0
11	Jharkhand	0	0	1	1.5
12	Karnataka	4	2	47	233.523
13	Kerala	2	2	1	64.3565
14	Manipur	0	0	0	0
15	Maharashtra	0	9	32	189.116
16	Madhya Pradesh	0	1	24	37.32
17	Mizoram	0	0	0	0
18	Meghalaya	0	1	0	11.33636
19	Nagaland	0	0	0	0
20	Orissa	0	0	0	0
21	Punjab & Haryana	0	2	148	241.32936
22	Rajasthan	0	1	158	158.036
23	Sikkim	0	0	0	0
24	Tripura	0	0	0	0
25	Tamilnadu	2	3	5	65.224
26	Uttar Pradesh	1	0	125	218.274
27	Uttrakhand	0	2	1	56.12
28	West Bengal	0	2	7	34.582
	<b>Total</b>	<b>13</b>	<b>37</b>	<b>681</b>	<b>1792.45818</b>

**Table 9. State-wise details of total number of Compost production units (FVMWC), Biofertilizer production units and Vermiculture hatcheries (VCH) set up under NPOF by DAC and NABARD and total production capacity generated (in MT) by these units sanctioned during October 2004 till March 2011**

S.No.	States	Total Number of units and capacity generated(MT/annum)					
		Fruit Veg Waste Comp. Unit		Biofertilizer		Vermiculture	
		Number	Capacity	Number	Capacity	Number	Capacity
1	Andhra Pradesh	0	0	9	1218	5	600
2	Arunachal Prad.	0	0	0	0	40	1500
3	Assam	1	32	0	0	67	2450
4	Bihar	0	0	0	0	44	2230
5	Chhattisgarh	0	0	1	37.5	108	4635
6	Delhi	1	100	0	0	0	0
7	Goa	1	26	1	150	0	0
8	Gujarat	1	44	3	405	86	3870
9	Himachal Pra.	0	0	2	300	37	1470
10	J & K	2	200	1	37.5	25	937
11	Jharkhand	0	0	1	75	23	975
12	Karnataka	4	410	2	300	59	6400
13	Kerala	2	50	2	300	1	10
14	Manipur	0	0	1	37.5	20	750
15	Maharashtra	1	150	12	1335	38	4075
16	Madhya Prad.	1	100	2	100	83	5512
17	Mizoram	1	100	1	37.5	62	2325
18	Meghalaya	0	0	1	84	0	0
19	Nagaland	0	0	1	37.5	103	3862
20	Orissa	0	0	1	37.5	147	5512
21	Punjab & Haryana	1	25	2	280	213	24337
22	Rajasthan	0	0	1	81	170	16500
23	Sikkim	0	0	0	0	8	300
24	Tripura	0	0	0	0	72	2700
25	Tamil Nadu	2	110	10	640	45	2128
26	Uttar Pradesh	2	125	1	37.5	140	18862
27	Uttarakhand	0	0	2	270	78	3037
28	West Bengal	0	0	2	210	7	753
	<b>Total</b>	<b>20</b>	<b>1472</b>	<b>59</b>	<b>6010.5</b>	<b>1681</b>	<b>115730</b>

**Table 10. State-wise details of total funds released by DAC and total subsidy committed by NABARD during October 2004 till March 2011 for setting up of organic input production units.**

Sl. No.	State	Total subsidy / financial assistance		Total funds released/subsidy committed
		Directly by DAC	Subsidy released by NABARD	
1	Andhra Pradesh	40	124.734	164.734
2	Arunchal Pradesh	60	0	60
3	Assam	60	26.463	86.463
4	Bihar	55.5	9	64.5
5	Chattisgarh	173	7.9	180.9
6	Delhi	0	40	40
7	Goa	0	33.94	33.94
8	Gujarat	0	218.12096	218.12096
9	Himachal Pradesh	74	21.583	95.583
10	J & K	137.5	0	137.5
11	Jharkhand	73	1.5	74.5
12	Karnataka	18	233.523	251.523
13	Kerala	0	64.3565	64.3565
14	Manipur	50	0	50
15	Maharashtra	49	189.116	238.116
16	Madhya Pradesh	148.5	37.32	185.82
17	Mizoram	153	0	153
18	Meghalaya	0	11.33636	11.33636
19	Nagaland	174.5	0	174.5
20	Orissa	240.5	0	240.5
22	Punjab & Haryana	97.5	241.32936	338.82936
23	Rajasthan	18	158.036	176.036
24	Sikkim	12	0	12
25	Tripura	108	0	108
26	Tamilnadu	171.5	65.224	236.724
27	Uttar Pradesh	62.5	218.274	280.774
28	Uttrakhand	75.5	56.12	131.62
29	West Bengal	0	34.582	34.582
	<b>Total</b>	<b>2051.5</b>	<b>1792.45818</b>	<b>3843.95818</b>

**Implementation components of NPOF through NCOF and RCOFs**

- a. Human resource development through trainings
  - Certificate Course on organic farming
  - Training/Refresher course for analysts
  - Trainers trainings
  - Training of Field Functionaries / Extension Officers on Organic Farming
- b. Quality control facilitation of organic fertilizers and biofertilizers

- c. Defining standards and protocols for new inputs
- d. Technical support to organic input production units through technical assistance on technology and through supply of mother culture strains
- e. Capacity building for biological soil health assessment and organic nutrient resource mapping
- f. Capacity building for low cost alternative certification-PGS
- g. Publication of Newsletters, Training manuals and literature etc and collection of data related to organic farming and inputs
- h. New Initiatives, Market Development, Awareness Creation and Publicity and evaluation
- i. Evaluation and monitoring of organic agriculture schemes/ programmes of Central and State Governments

**Major achievements under these components were as follows:**

**1. Human resource development through trainings –**

In all there was a target to organize 59 training programmes during the year under four categories. Against this 57 training programmes were organized. Anew programme “Certificate course on Organic Farming could not be organized as it was linked to the availability of trainees Hostel and the same could not be handed over to NCOF by CPWD during 2010-11.

Details in respect of training programmes conducted by each centre and number of trainees trained are given in Table 11. Details in respect of participants in various training programmes are given in Table 12.

**Table 11 - Details of various training programmes conducted by NCOF/RCOFs under National Project on Organic Farming during 2010-11**

Name of the Centre	Training on inspection agencies/Service Providers	Training on production and Quality Control of organic inputs	Training of field functionaries/ extension officers	No. of Trainees	Expenditure (Rs)
NCOF Ghaziabad	2	3	5	197	428590.00
RCOF Bangalore	1	3	5	158	373539.00
RCOF Bhubaneswar	2	3	5	202	493382.00
RCOF Hisar	0	3	3	140	252142.00
RCOF Imphal	0	3	3	146	249954.00
RCOF Jabalpur	1	3	4	231	373113.00
RCOF Nagpur	1	3	4	155	367445.00
<b>Total</b>	<b>7</b>	<b>21</b>	<b>29</b>	<b>1229</b>	<b>2538165.00</b>

**Table 12 Details of participants in various training programmes organized by NCOF and RCOFs**

Name of the Centre	Category wise number of participants in various categories				
	SC	ST	Women	Others	Total
NCOF Ghaziabad	30	0	0	167	197
RCOF Bangalore	23	13	18	104	158
RCOF Bhubaneswar	25	39	27	111	202
RCOF Hisar	30	01	06	103	140
RCOF Imphal	08	30	03	105	146
RCOF Jabalpur	35	18	12	166	231
RCOF Nagpur	23	07	17	108	155
<b>Total</b>	174	108	83	864	1229

## 2. Quality control of biofertilizers and Organic fertilizers –

With the inclusion of biofertilizers and organic fertilizers under Fertilizer Control Order (FCO), a regulatory mechanism has been introduced in the country w.e.f. March 2006. NCOF and its six RCOFs have been declared as Nodal Quality Control Analysis laboratories. Under the system samples are being drawn by the statutory authorities of State Agriculture Departments and submitted to NCOF or concerned RCOF for quality analysis.

Besides these, NCOF and RCOFs also undertake quality analysis of other inoculants and organic manures not covered in FCO for study purposes.

### 2a. The details of biofertilizers and organic fertilizers samples analyzed in fulfillment of requirement under FCO during the year 2010-11 were as follows:

- i. **Biofertilisers** - During year 2010-11 a total of **932** sample of different biofertilisers were analyzed, out of which **38.73%** samples were found sub-standard. The Centre wise details of Quality testing is given in Table- 13.
- ii. **Organic Manures:** During the current year, 2010-11 total of **111** samples of organic manures were tested out of this **30** samples of different organic inputs were found sub standard (27.02 %). The Centre wise details of Quality testing is given in Table- 14.

**Table 13: Details of Biofertilizer samples tested for Quality Control**

Sr. No.	Name of the Centre	Total samples tested	Samples found Standard	Samples found Sub-standard	Percent sub-standard
1.	NCOF Ghaziabad	341	80	261	76.54
2.	RCOF Bangalore	122	85	37	30.32
3.	RCOF Bhubaneswar	192	135	57	29.68
4.	RCOF Hisar	09	05	04	44.44
5.	RCOF Imphal	116	114	02	1.72
6.	RCOF Jabalpur	75	75	0	0
7.	RCOF Nagpur	77	77	0	0
	<b>TOTAL</b>	932	571	361	38.73



**Table 14: Centre wise details of Quality testing of different Organic fertilizers**

Sl. No.	Name of Centre	Total samples Tested	Samples found Standard	Samples found Sub-standard	Per cent of substandard samples
1.	NCOF Ghaziabad	9	7	2	22.22
2.	RCOF Bangalore	0	0	0	0
3.	RCOF Bhubaneswar	67	39	28	41.79
4.	RCOF Hisar*	0	0	0	0
5.	RCOF Imphal	0	0	0	0
6.	RCOF Jabalpur	17	17	0	0
7.	RCOF Nagpur	18	18	0	0
	TOTAL	111	81	30	27.02

\*As there is no technical staff at RCOF Hisar, no samples were received and analyzed. Samples of Hisar region are being analyzed at NCOF, Ghaziabad.

## 2 b. Biofertilizers and organic manures tested for quality for study purposes -

The details in respect of quality analysis of other inoculants and organic fertilizers not covered under FCO for study purposes during the year 2010-11 are given in Table 15 and 16.

**Table 15: Details of other microbial formulations/ inoculants samples not covered under FCO analyzed for Quality parameters for study purposes**

Sr. No.	Name of the Centre	Total samples tested	Samples found Standard	Samples found Sub-standard	Percent sub-standard
1.	NCOF Ghaziabad	14	14	0	0
2.	RCOF Bangalore	0	0	0	0
3.	RCOF Bhubaneswar	0	0	0	0
4.	RCOF Hisar	4	1	3	75
5.	RCOF Imphal	0	0	0	0
6.	RCOF Jabalpur	8	8	-	-
7.	RCOF Nagpur	270	128	142	52.59
	TOTAL	296	151	142	47.97

**Table 16: Centre wise details of Quality testing of different Organic fertilizers not covered under FCO**

Sl. No.	Name of Centre	Total samples Tested	Samples found Standard	Samples found Sub-standard	Per cent of substandard samples
1.	NCOF Ghaziabad	130	130	0	0
2.	RCOF Bangalore	30	21	09	30
3.	RCOF Bhubaneswar	0	0	0	0
4.	RCOF Hisar	0	0	0	0
5.	RCOF Imphal	0	0	0	0
6.	RCOF Jabalpur	0	0	0	0
7.	RCOF Nagpur	0	0	0	0
	Total	160	151	9	5.62

### 2 c. Defining Quality Standards and testing protocols of other organic and biological inputs not covered under FCO.

Studies are being undertaken in a project mode to prepare the achievable and acceptable quality control standards of various types of de-oiled cakes, poultry manure, phosphate rich organic manure, enriched composts, potash biofertilizers, Trichoderma inoculants and EM formulations. The Project was started w.e.f May 2010 with the recruitment of two Senior Project assistants and Two Project Assistants. Under the project 385 samples of different organic inputs were tested till 31.3.2011. Details of different samples tested are given in Table 17. Project is sanctioned for a period of 18 months and is continuing during the year 2011-12.

**Table 17. Details of other input samples studied for standardization**

S.No.	Type of input under study	No of samples studied
1.	1. Press mud compost 2. Enriched composts 3. Phosphate rich compost (PROM) 4. Phospho -potassic compost 5. Bone meal compost 6. Poultry manure 7. Biogas slurry	56 samples 12 samples 15 samples 08 samples 13 samples 28 samples 24 samples
2.	8. De-oiled castor meal cake 9. De-oiled Neem meal cake 10. De-oiled Mahua cake 11. De-oiled Karanj Cake 12. De-oiled Jatropha cake 13. De-oiled sal and other forest oil cakes 14. De-oiled Ground nut oil cake 15. De-oiled Linseed oil cake 16. De-oiled Cotton seed cake 17. De-oiled Mustard seed cake	21 samples 158 samples 06 samples 05 samples 04 samples 06 samples 09 samples 09 samples 06 samples 05 samples
	Total	385

### 3. Technical support to Organic Input production units

Technical assistance was provided to various biofertiliser and organic input production units on 510 occasions. Centre-wise details of technical assistance provided to different units are given in Table 18.

**Table 18 - Centre wise detail of Technical Assistance to Biofertilizer/ Organic input Production Units**

Name of the Centre	Total
NCOF Ghaziabad	95
RCOF Bangalore	63
RCOF Bhubneshwar	256
RCOF, Hisar	0
RCOF Imphal	0
RCOF, Jabalpur	86
RCOF, Nagpur	10
<b>TOTAL</b>	<b>510</b>

4. **National and Regional culture collection bank of biofertilizer organisms** – A culture collection of **500** strains belonging to different biofertilizers is being maintained at NCOF and RCOFs. Centre-wise details of number of strains of different microorganisms maintained at NCOF and RCOFs are given in Table 19.

**Table 19: Number of standard strains being maintained at NCOF and RCOFs**

Name of Centre	Number of Strains being maintained					Total
	<i>Azoto</i>	<i>Azospi</i>	<i>Rhizo</i>	PSB	Others	
NCOF Ghaziabad	08	07	48	08	05	76
RCOF Bangalore	04	07	34	06	19	70
RCOF Bhubaneswar	03	02	19	01	02	27
RCOF Hisar	10	03	11	01	01	26
RCOF Imphal	07	11	16	04	04	42
RCOF Jabalpur	03	01	25	02	02	33
RCOF Nagpur	51	25	65	83	02	226
<b>TOTAL</b>	<b>86</b>	<b>56</b>	<b>218</b>	<b>105</b>	<b>35</b>	<b>500</b>

5. **Supply of mother cultures of Microbial Strains** -

During the year 2010-11, total nos of **1465** mother culture strains of different biofertilisers were supplied to the production units generating revenue of Rs. 37245.00 Supply of mother cultures to biofertilizer production units in the country is a specific activity of NCOF and RCOFs. Nearly 80% of the biofertilizer production in the country is being done with the strains/ mother cultures provided by NCOF and RCOFs. Centre-wise details of strains distribution are given in Table 20 and the cost realized in Table 21.

**Table 20: Centre wise distribution of mother culture strains during 2010-11**

Name of Centre	Name of Strains Supplied					Total
	<i>Azoto</i>	<i>Azospi</i>	<i>Rhizo</i>	PSB	Others	
NCOF Ghaziabad	21	08	58	26	04	117
RCOF Bangalore	74	134	109	214	539	1070
RCOF BBSR	09	09	64	08	0	90
RCOF Hisar	0	0	0	0	0	0
RCOF Imphal	0	0	0	0	0	0
RCOF Jabalpur	10	06	36	12	01	65
RCOF Nagpur	32	0	57	34	0	123
<b>TOTAL</b>	<b>146</b>	<b>157</b>	<b>324</b>	<b>294</b>	<b>544</b>	<b>1465</b>

**Table 21 – Revenue generation on account of sale of mother culture slants**

Sr. No.	Centres	Amount Realised in Rs.
1.	NCOF Ghaziabad	2440.00
2.	RCOF Bangalore	19700.00
3.	RCOF BBSR	10040.00
4.	RCOF Hisar	0
5.	RCOF Imphal	0
6.	RCOF Jabalpur	2225.00
7.	RCOF Nagpur	2840.00
	<b>Total</b>	<b>37245.00</b>

6. **Development, procurement and efficacy evaluation of biofertilizer strains and mother cultures** – As a part of regular exercise new strains developed by different research institutions are being maintained at NCOF and RCOFs. Efficiency testing is being taken up for few strains. **Due to shortage of technical officers no significant activity was taken up under this component**

## 7. Capacity Building for Biological Soil Health Assessment

In the revised mandates a new innovative component on “Biological Soil Health Assessment” was approved. The component is proposed to be implemented by NCOF/RCOF in collaboration with ICAR and SAUs.

To start the programme, initial discussions were made with different research institutions and on modalities of the programme and on the parameters to be studied. To arrive at proper conclusion and to identify the implementation approach a two days workshop was organized at Directorate of Water Management, ICAR, Bhubaneswar, during wherein it was decided to create a networking of institutions where such studies can be undertaken. Abstract recommendations of the workshop and minimum parameter recommended to be studied are as follows:

### Recommendations

- 1) Soil may be sampled considering agro-climatic zones of India as categorized by Planning Commission
- 2) For sample collection, points identified by NBSS and LUP at 10 square kilometer grid/ ORSAC may be considered.
- 3) Time of sampling will be summer, rainy and winter but on fallow periods, non rainy days avoiding rhizosphere zones
- 4) The MDS finalized are

**Physical** : Aggregate stability/texture/Bulk density

**Chemical** : pH, Organic C, EC, (CEC/Humic acid optional), Total and available NPK and in some cases micronutrients

**Biological** : Microbial Biomass Carbon, Dehydrogenase, FDA, Metabolic quotient, Earthworm population/biomass and total Extractible Glomalin and Ergasterol content

**Proposals were invited and the programme was chalked out in network mode comprising of four lead centers and 9 partner institutes. Final proposal was submitted to DAC for approval. The same is under consideration of DAC**

## 8. Capacity Building for Participatory Guarantee System –

After the approval of the DAC under revised mandates of NPOF, efforts were made to define a new alternative certification system for organic guarantee, based on the work carried out under FAO-DAC-NCOF TCP project and international and IFOAM model of PGS. To initiate the discussions draft operational guidelines was prepared and circulated for comments nationally and internationally. Based upon the inputs and comments three workshops were organized in different parts of the country as follows:

- a. At Pune during 20-21 September 2010
- b. At Bangalore during 4-5 October 2010
- c. At Ghaziabad during 10-11 November 2010

After thorough consultations and deliberations a final draft of the guidelines was prepared and submitted to DAC for approval.

After being approved the PGS-India programme was launched on 7<sup>th</sup> March 2011.

Salient features of PGS-India programme are attached at Annexure I.

## 9. Encourage and Support Research, studies and/or surveys etc on organic package of practices, inputs and management protocols –

**Two days workshop on “Identifying Research Issues leading to development of Organic Package of Practices for some important Cropping Systems”** - Two days consultation meet on organic farming sponsored by NCOF, Ghaziabad was held during 22-23 February, 2011 at PDFSR, Modipuram, wherein 30 participants from centres of Network Project on Organic Farming (ICAR) and special invitees from ICAR Institutes and SAUs participated to identify the researchable issues and the need for cropping system specific organic package of practices. Following areas were identified as prime target for immediate research.

- a. **Development of package of practices for crops and cropping systems:** In this aspect centres were advised to take most remunerative and profitable cropping systems, as per the results of Expt. 1(a) of NPOF and then try to solve the burning issues of that system with the help of four or five treatments using holistic approach for nutrient, water and pest management.
- b. **Evaluation of formulations (Growth regulators, soil conditions etc.):** Various formulations have been developed by various innovative farmers and are being used as ITKs in varied agro-ecological situations. But, there are only few in-depth scientific studies as to how these formulations work in crops, as growth promoters, as a tool to combat insect pest attack and as soil vitalizers. Thus, there is a need to evaluate these formulations at selected centres by taking need based laboratory studies.
- c. **Evaluation of plant protection formulations:** As discussed in item 2 above.
- d. **Documentation of success stories of organic farmers** - Under this programme, survey should be conducted by scientists of Dharwad and Palampur centre to collect and document success stories of innovative organic growers who could harvest the comparable yield in comparison to conventional farming.
- e. **Screening of recommended varieties of the crops** - It was agreed upon that each centre is to work for screening of varieties for organic production system.

## 10. Collaboration with different Agencies and Stakeholders –

NCOF and all the six RCOFs successfully collaborated with various organizations in the country and abroad. Major points of collaboration were:

- i. Participation in trainings, seminars, workshops etc organized by different agencies and transfer of knowledge and sharing of literature.
- ii. Participation in Biofach India Together with India Organic 2010, an International Trade Fair-cum-Seminar series and thorough discussions on various issues for strengthening of organic farming movement in the country.
- iii. Development of database for providing information. State-wise and subject-wise information is being collected and shared with all the stakeholders of organic movement in the country and abroad

## 11. Documentation of Indigenous knowledge and its dissemination –

Efforts were made to collect various ITKS systems and traditional package of practices. The centre now has collection of more than 160 formulations, found useful for nutrient management and pest management.

Package of practices developed under FAO-NCOF-TCP project for 20 important crops are being provided free on request and to trainees in different trainings in both hard and soft copies.

Three video films developed during 2008-09 on organic farming, organic certification and vermicompost technology are also being distributed in video CDs liberally and are being provided free of cost on request and in the training programmes to all participants.

## 12. Preparation and publication of uniform and authentic training literature –

Following training literature books / booklets were prepared for distribution to the trainees. These books were uniformly distributed by all the centers in similar training programmes. All these training manuals and guidelines were prepared and printed under in-house publication system.

1. जैविक खेती (६७ पृ.)
2. Organic Farming (60 pages)
3. भारत में जैविक खेती के लिये प्रमाणीकरण एवं निरीक्षण पद्धति प्रशिक्षण पुस्तिका (६४ पृ.)
4. Training manual on Certification and Inspection System in Organic Farming in India (64 pages)
5. जैव उर्वरक, जैविक खाद एवं अन्य जैविक आदान उत्पादन विधियाँ (६८ पृ.)
6. Production Technology of Organic and Biological Inputs (76 pages)
7. सेवा प्रदाता कार्य प्रणाली दिशा निर्देश (३४ पृ.)
8. Working Guidelines for Service Providers (39 pages)
9. केंचुआ खाद Vermi Composting (Hindi) (30 pages)

## 13. Publication of Biofertiliser Newsletter

Biofertilizer Newsletter is a half yearly Newsletter being published every June and December since 1993. During the year 2010-11, 18<sup>th</sup> volume of Biofertilizer Newsletter comprising of June 2010 and December 2010 issue was published. This Newsletter is being provided free of cost to all the stakeholders of biofertilizers in the country. 600 copies of each issue are being published and 500 copies are being dispatched.

## 14. Publication of Organic Farming Newsletter

Organic Farming Newsletter is a quarterly publication devoted to technological achievements, news, national and international events and book reviews etc and is being published since 2005. During the year 2010-11, three issues of Vol 7 (June, September and December) and one issue of Vol 8 (March) was published. 1500 copies of each issue are being brought out and are being distributed free to about 1200 agencies, scientists, NGOs and institutions associated with organic farming in the country.

Both the Newsletters are being published, printed and distributed from in-house printing facilities of NCOF.

- ## 15. Data centre for various activities related to Organic Farming –
- Since 1990 entire data on biofertilizer production units, total annual biofertilizer production and sale are being maintained at NCOF, Ghaziabad. Current status of biofertilizer industry, annual production and installed capacity etc for the year 2010-11 is presented at Annexure I. Status of organic manures production/ availability and use is presented at Annexure II.

Similarly the data is also being collected and maintained in respect of certification agencies, area being served under organic certification and various crop being produced under organic certification. Details are presented at Annexure III.

- 16. Publicity** - Distributed **130471** copies of literature, arranged **18** exhibitions, organized **64** Radio talks and **52** Television programmes. On various activities of NPOF there were **181** Newspapers coverage. Centre-wise details are given in Table 22.

**Table 22 Details of publicity activities undertaken by NCOF and RCOFs during 2010-11**

Centres	Literature distributed	Exhibitions	Radio talks	TV Programmes	News paper coverage
NCOF Ghaziabad	18550	2	0	5	15
RCOF Bangalore	80632	13	11	2	12
RCOF BBSR	15014	0	43	27	63
RCOF Hisar	3698	1	2	10	54
RCOF Imphal	1685	0	0	0	2
RCOF Jabalpur	7862	2	8	8	35
RCOF Nagpur	3030	0	0	0	0
Total	130471	18	64	52	181

- 17. Technical support to National Programme on Organic Production for evaluation of accredited certification bodies**

Three senior officers of NCOF and RCOFs are authorized evaluators under National Programme on Organic Production being operated by Ministry of Commerce for accreditation of organic certification bodies. Under the programme there is a mandatory requirement of annual surveillance. Details of surveillance visits under taken by the officers are given in Table 23.

**Table 23. Evaluation visits under taken by officers of NPOF**

S.No.	Name of the Officer	No. of certification bodies evaluated during the year	No. of man days spent in evaluation
1.	Dr. A. K. Yadav	2	5
2.	Dr. Krishna Chandra	10	34
3.	Dr. R.N. Bisoyi	11	40
4.	Sh T.K. Ghosh	3	12

- 18. Joint Monitoring Committee Visits undertaken under CIS scheme of NPOF**

As per mandatory provisions of Capital Investment Subsidy scheme, all projects financed under CISS of NPOF are visited and approved by Joint Monitoring Committee comprising of members from DAC/NCOF, NABARD and financing bank. Details of such JMC visits undertaken during the year 2010-11 are given in Table 24.

**Table 24. Details of units inspected by NCOF/RCOFs Officers in Joint Monitoring Committee under Capital Investment Subsidy Scheme (CISS)**

Sr. No.	Name of the officer	Type of Production units inspected	Number of units inspected
1	<b>NCOF , Ghaziabad</b>		
	Dr R.P. Singh	Vermiculture hatcheries	09
		F&V MW compost	01
	Dr V.K. Verma	Biofertilizer unit	01
2	<b>RCOF, Bangalore</b>		
	Dr Manoj Kumar	Vermiculture hatchery	01
		Biofertilizer	01
	Pramod Kumar	Vermiculture hatchery	03
3	<b>RCOF, Bhubaneswar</b>		
	Dr. V. Pande	Vermiculture hatcheries	10
		Biofertilizer unit	01
4	<b>RCOF, Hisar</b>		
	Sh Jagat Singh	Vermiculture hatcheries	42
5	<b>RCOF, Imphal</b>	Nil	Nil
6	<b>RCOF, Jabalpur</b>		
	Dr. A.S. Rajput	Vermiculture hatcheries	55
7	<b>RCOF, Nagpur</b>		
	Dr A.K. Shukla	Vermiculture hatcheries	07
		Biofertilizer	01

- 19. Launching of Operational Soil Testing Lab at IITF** – To promote the cause of soil health and to provide soil testing services to visiting farmers India International Trade Fair being organized every year at Pragati Maidan, NCOF launched a unique initiative of presenting live operational soil testing lab. At the stall a free service was provided to the farmers for providing soil test results the same day. Facility was available at the stall for analysis of all important parameters such as pH, EC, Organic Carbon, Available P and K, available sulphur and Boron and Available Zn, Cu, Fe and Mn. During the period from 14.11.2010 to 27.11.2010, 114 soil samples were analyzed and reported





# **Annexure I**

## **Salient Features of PGS-India Programme (A Participatory Organic Guarantee Programme)**



## Participatory Organic Guarantee System for India

### Preamble

Organic producers around the world have been developing methods to guarantee the organic integrity of their products for fifty years. Today, what are generally referred to as *Third-Party Certification* systems have become the dominant means of Organic Guarantee for world trade and Indian producers have 20 respected and accredited Third-Party Organic Certification agencies to choose from. While Third Party Certification is an essential component to world trade, there are downsides to the system. The inherent expense and paperwork required in a multi-level system discourages most small organic producers from being certified at all. This limits local and domestic trade as well as access to organic products. Worse yet, it limits the growth of the Organic Movement as a whole.

In an attempt to reduce the inequality of this trend, a number of alternative methods to guarantee the Organic integrity of products have been developed for small domestic producers, and they are growing rapidly. In 2004, a conference sponsored by MAELA and IFOAM was held in Brazil. Representatives from over 20 countries presented on the "alternative" certification systems that have been developed. Thousands of small scale producers now associate themselves with these alternatives programs, which are now collectively referred to as *Participatory Guarantee Systems* (PGS). The terminology and conceptual framework for Participatory Guarantee Systems (PGS) developed from the IFOAM/MAELA sponsored 'Alternative Certification' workshop incorporates the dynamics of different 'alternative' organic certification systems from around the world. The term PGS embodies what many of these 'alternative' systems have in common which is the active participation of producers and other stakeholders in their organic guarantee process. The PGS provides a framework with which group marketing and various community strengthening activities can be facilitated. Support has grown around the world for the idea that PGS provides a credible, relevant and cost effective mechanism through which producers can provide an organic guarantee to consumers. IFOAM supported this process to ensure that organic producers have access to organic guarantee options that best suit their needs. Thus, for local organic markets, PGS is now regarded alongside individual and third party as a viable organic guarantee option.

To strengthen the movement, to take the system closer to lakhs of committed organic farmers without any extra cost and to ensure the credibility of the system, recently Government of India has also decided to join the movement through National Project on Organic Farming and has launched a participatory organic guarantee system entitled PGS-India.

### About PGS

PGSs are quality assurance initiatives that are locally relevant, emphasize the participation of stakeholders, including producers and consumers and operate outside the frame of third party certification. A process whereby people in similar situations (in this case small holder producers) in some way assess the production practices of their peers. This process can be formal or informal.

PGS system has number of basic elements which embrace a participatory approach, a shared vision, transparency and trust. Participation is an essential and dynamic part of PGS. Key stakeholders (producers, consumers, retailers and traders and others such as NGOs) are engaged in the initial design, and then in the operation of the PGS. In the operation of a PGS, stakeholders (including producers) are involved in decision making and essential decisions about the operation of the PGS itself. In addition to being involved in the

mechanics of the PGS, stakeholders, particularly the producers are engaged in a structured ongoing learning process, which helps them improve what they do. This process is usually facilitated by the PGS (by a committee or a designated manager) or in some situations a supportive NGO. The learning process is usually 'hands-on' and might involve field days or workshops. The idea of participation embodies the principle of a collective responsibility for ensuring the organic integrity of the PGS. This collective responsibility is reflected through:

- Shared ownership of the PGS
- Stakeholder engagement in the development process
- Understanding of how the system works
- Direct communication between producers and consumers and other stakeholders

Together these help shape the integrity based approach and a formula for trust. An important tool for promoting this trust is having operational processes that are transparent (for all to see). This includes such things as transparency in decision making, easy access to the data base and where possible farms open to visits from consumers. Different people and groups have different skills, technical knowledge and access to resources so that; they may play different roles in the development and management of PGS. What is important is that the producers are directly engaged in the operating model of decision making (who gets certified) and are significant stakeholders. They may be directly engaged or be represented through persons they elect. Ideally consumers are also actively engaged in the PGS but the level of activity may depend on such things as distances to markets, how the products are marketed (directly or via other agents) and the extent to which consumer groups are organized and able to participate. Consumers or retailers in PGS groups are not only buying products but are also engaged in decision making and management. Overall though, what is important is that as far as is practicable, bridges between producers and consumers are created and fostered.

### **Factors for success of PGS in India**

In spite of tremendous investment and efforts in promotion of third party certification system, due to its prohibitively high cost it is still beyond the reach of small farmers and is also unaffordable to even large farmers if high premiums are not assured. In market there is growing awareness and consumers are inclined to accept organic foods, but high premiums deter them to buy organic products on regular basis. In such a scenario, it is essential that a farmer empowering system with consumers participation based on mutual trust is developed and put in place with some credibility support from Government and institutions. Following can be the determining factors for success of PGS in India

- Low Direct Cost
- Minimal Paperwork
- Regionally Appropriate
- Peer Appraisals instead of Professional Third Party Inspections
- Farmers, Regional Groups, NGO's and other Support Organizations in a Horizontal Network without hierarchies
- Building a Movement
- Credible Organic Guarantee
- Mutual Recognition and Support between Regional PGS Groups
- Subtext of training and support built into the system
- Empowers the farmer with increased capacity building
- Empowers the farmer through increased marketing opportunities
- Millions of Acres, Millions of Farms

PGS programs are expected to bring much greater numbers of farmers into Certified Organic status than is practically possible due to the administrative overhead inherent in Third-Party Certification including ICS/Group Certification schemes

**PGS India Philosophy**

The philosophy of NPOF sponsored PGS-India programme stipulates that it is:

- A farmer empowering approach
- Based on Farmer group declaration and consumer's trust
- No intermediaries
- Group will be supreme, with inspections on each other.
- Entire information to be in public domain
- Scope for product testing for chemical residue provides additional trust
- Individual farmer gets certificate with PGS number and farmer sub-code

**PGS-India structure**

To give the entire implementation process an institutional shape the programme has following functional entities:

- National Advisory Committee (NAC) at NCOF/DAC
- Zonal Councils/Regional Councils/Facilitating agencies
- Farmer groups
- Farmers
- Surveillance mechanism
- NCOF as National secretariat of PGS program and custodian of data

National Advisory Committee (NAC) at NCOF/DAC is the apex policy making body. Although, it will be headed by DAC/NCOF but in due course of time the members will be drawn from all stakeholders, including farmer group leaders, traders, retailers, and consumers. In the interim period the PGS-NAC is comprise of officers from DAC and NCOF. NCOF will host PGS website with marketing portal. Registration, documentation will be online with user ID and password. NCOF and Zonal Council (ZC) authorized by the NAC is responsible for capacity building, initial screening of the regional councils and surveillance of entire system. Facilitating agency/Regional councils are being authorized (by NAC) to assist farmer groups on regional/local level. NCOF/ZC will undertake regular surveillance; collect samples for residue analysis. Analysis cost will be born by the Govt through NCOF. Defaulter groups get banned on website. Re-entry of defaulter groups is possible only after proper verification by other group/regional council/Secretariat. On-line programme will give logo with number on completion of requirements. Farmer groups will facilitate consumer/trader/retailer visits for verification if required. A group with participation with traders/retailers/consumers will be more trust worthy and preferred.

**Operational Strategy**

- A National PGS Website will be launched by NCOF in few months from now
- Standards, basic operational manuals, procedures, documents, formats etc are available on website <http://ncof.dacnet.nic.in>
- Selection and appointment of National Council and Regional Councils by NAC. Capacity building of councils and group leaders to be done by NCOF, National council or by RCs.
- 10 to 50 Farmers belonging to one village or two-three close by villages make a group, collectively pledge for organic
- Group registers on the website on-line directly or through regional council
- Recognition as PGS group is granted by RC on verification of data.
- Training and knowledge on PGS operational systems is a prerequisite for recognition of the group
- Capacity building of group members by peers in the group
- Up-loading data and peer appraisal forms from time to time
- Regular meetings and peer inspections on each other
- At the end of season, collectively decide on status of farmers
- Upload information on website on crop yield farmer wise
- Website gives logo with PGS number and farmer sub code

- Print individual certificate with number
- Consumer can access details about farmer group with PGS number
- NCOF and NC undertake regular surveillance, collect samples being sold or produced under PGS and get them analyzed for residue.
- Samples analyzed for residue in authorized testing laboratories
- Residue analysis results hosted on website in public domain
- Results are also linked to concerned group, providing additional trust
- Defaulter group's ID gets automatically blocked and shifted to suspended groups
- NAC/NCOF does not take any action. Regional councils need to act and initiate action against defaulter groups and suggest remedial measures
- Re-entry of suspended groups is possible only after verification by NCOF, NC or RCs

**Current status**

PGS-India programme has been launched with 20 Regional Councils. In the interim period Regional Centres of Organic Farming have been declared as Zonal councils. In areas where there are no Regional Councils, RCOFs shall also act as Regional Councils till regular RCs are authorized.

**PGS-India Logo**

Two separate logos shall be granted for PGS organic and PGS under conversion as follows:

**PGS**  
**Organic**



**PGS**  
**Green**



# **Annexure II**

## **Biofertilizer Production in India (2010-11)**





**Biofertilizer production in India during the period from 2008-09 to 2010-11**

S. No.	State	Actual production of biofertilizers in MT during years			
		2007-08	2008-09	2009-10	2010-11
1	Andhra Pradesh	4515.81	168.136	1345.28	999.60
2	Arunachal Pradesh	0	0	0	0.00
3	Assam	70.90	129.3552	121.04	130.00
4	Bihar	20.00	0	0	136.26
5	Delhi	168.84	1165.1	1021.85	1205.00
6	Gujarat	1263.30	1149.695	1309.19	6318.00
7	Goa	0	0	0	443.40
8	Haryana	8.89	14.25	6.195	6.53
9	Himachal Pradesh	56.21	0	8.5	9.00
10	Jharkhand	201.68	15.0	15.0	0.00
11	Karnataka	2841.26	11921.057	3695.5	6930.00
12	Kerala	814.44	1187.001	1936.451	3257.00
13	Madhya Pradesh	1884.86	848.448	1587.6775	2455.57
14	Maharashtra	2486.41	1249.87	1861.33	2924.00
15	Manipur	0	0	0	0.00
16	Mizoram	3.58	1.996	2.5	2.00
17	Meghalaya	0	0	0	0.00
18	Nagaland	13.98	16.0092	18.25	21.50
19	Orissa	331.94	405.03	289.867	357.66
20	Punjab	1.7	1.14	301.232	2.50
21	Pondicherry	471.28	561.7924	452.79	783.00
22	Rajasthan	302.30	353.67	805.571	819.75
23	Sikkim	0	0	0	0.00
20	Tamil Nadu	3466.96	4687.818	3732.5862	8691.00
24	Tripura	14.27	14.68	278.402	850.00
25	Uttar Pradesh	250.05	885.5174	962.6417	1217.45
26	Uttarakhand	0	48.23	32.00	45.00
27	West Bengal	922.34	241.24	256.5	393.39
	<b>Total</b>	<b>20111.05</b>	<b>25065.0352</b>	<b>20040.3534</b>	<b>37997.61</b>

**State Wise Production Capacity and actual production of Biofertilizer and other microbial inoculants in 2010-11**

S. No.	State	Capacity	Total Biofertilizer Production (MT)	Other Inoculants*	Total Production (in MT)
1	Andhra Pradesh	5825	999.60	1230.50	2230.10
2	Assam	225	130.00	0	130.00
3	Bihar	0	136.26	135.65	271.91
4	Delhi	2000	1205.00	502.12	1707.12
5	Gujarat	8550	6318.00	1650.0	7968.00
6	Goa	1000	443.40	0	443.00
7	Haryana	775	6.53	0	6.53
8	Himachal Pradesh	25	9.00	0	9.00
9	Jharkhand	50	0	0	0
10	Karnataka	35500	6930.00	23125.84	30055.84
11	Kerala	15750	3257.00	10940.93	14197.93
12	Madhya Pradesh	3750	2455.57	973.50	3429.07
13	Maharashtra	5315	2924.00	250.86	3174.86
14	Mizoram	75	2.00	0	2.00
15	Nagaland	150	21.50	0	21.50
16	Orissa	470	357.66	136.24	493.90
17	Punjab	575	2.50	0	2.50
18	Pondicherry	3500	783.00	2983.80	3766.80
19	Rajasthan	1500	819.75	727.50	1547.25
20	Tamil Nadu	35500	8691.00	25931.01	34622.01
21	Tripura	1500	850.00	0	850.00
22	Uttar Pradesh	2500	1217.45	373.45	1590.90
23	Uttarakhand	550	45.00	0	45.00
24	West Bengal	650	393.39	176.35	569.74
	<b>Total</b>	<b>125735</b>	<b>37997.61</b>	<b>69137.75</b>	<b>107134.96</b>

**\*Other Inoculants includes all other microbial formulations including bio-pesticides not covered under biofertilizers**

# **Annexure III**

## **Organic Manures and Organic Fertilizers Production and Availability (2010-11)**



**State-wise details of different organic manures produced /available (lakh mt) and area covered (lakh ha) in different States (2009-10)  
(As per details provided by the states and adjusted against availability of biomass for manuring purpose)**

Sr. No	Name of the State	Rural Compost		Urban compost		FYM		Vermicompost		Green Manuring		Other manures	
		P&A	AC	P&A	AC	P&A	AC	P&A	AC	P & A	AC	P&A	AC
1.	Andhra Pradesh	48.00	4.80	2.35	0.56	30.00	3.00	1.00	2.50	36.60	2.46	0.50	0.50
2	Arunachal Pradesh	0.005	0.007	0	0	0.106	0.0551	0.014	0.014	0.0002	0.00046	0.0009	0.016
3	Assam	0.94	0.094	0.0052	0.65	2.70	0.270	0.45	0.045	1.75	0.017	0.012	0.003
4	Bihar	16.50	2.05	2.75	0.35	45.00	4.50	2.00	0.20	0	0	0	0
5	Chhattisgarh	115.00	14.38	0.81	0.16	9.90	1.24	15.00	5.00	1.78	0.071	1.99	0.711
6	Goa	1.425	0.1425	0.02	0.002	0	0	0.0135	0.0013	2.44	0.244	0.006	0.012
7	Gujarat	6.50	1.00	12.50	1.25	12.00	6.00	0.80	0.40	3.20	0.15	5.00	10.00
8	Haryana	10.05	1.00	0	0	7.85	0.95	0.50	0.005	0	0.94	0	0
9	Himachal Pradesh	23.00	2.05	0.05	0.0012	12.00	1.20	5.50	1.85	0	0	0	0
10	Jammu & Kashmir	12.35	6.175	0.13	0.0065	9.603	111.95	0.008	0.0008	0.04	0.00394	0.0761	0.755
11	Jharkhand	5.00	0.50	0	0	18.00	2.00	0	0	0	0	0	0
12	Karnataka	262.40	24.60	45.75	1.078	910.23	31.60	5.64	3.25	107.01	9.56	111.06	14.33
13	Kerala	5.20	0.2	4.04	0.162	58.63	2.00	55.00	19.5	0	0	09.00	12.50
14	Madhya Pradesh	45.00	4.70	3.50	0.35	85.50	8.95	2.00	0.40	0	0	0	0
15	Maharashtra	15.00	1.50	4.65	0.85	75.00	7.50	0.17	0.02	0	0	0.65	0.40
16	Manipur	0	0	0	0	0.50	0.05	0	0	0	0	0	0
17	Mizoram	0	0	0	0	0.20	0.05	0.015	0.003	0	0.00124	0	0
18	Meghalaya	0	0	0	0	0.95	0.084	0	0	0	0	0	0
19	Nagaland	0.060	0.0060	0	0	0	0	0.0125	0.0017	0.089	0.0015	0	0
20	Orissa	86.368	17.63	0.018	0	44.50	4.50	0.45	0.20	0	0	0.49	0.50
21	Punjab	29.74	2.95	4.25	0.45	306.51	30.62	0.56	0.00	38.56	1.989	0	0
22.	Rajasthan	19.752	3.384	15.06	2.91	252.54	26.70	0.036	0.105	7.133	0.347	0	0
23	Sikkim	3.60	0.36	0	0	1.50	0.15	0	0	22.50	0.005	0	0
24	Tamil Nadu	5.02	0.55	0.56	0.005	39.50	4.15	1.072	4.288	10.20	0.68	0.038	2.13
25	Tripura	0	0	0	0	0	0	0	0	0	0	0	0
26	Uttar Pradesh	7.93	0.794	7.50	0.75	275.00	30.00	2.306	0.33	35.05	3.504	0	0
27	Uttarakhand	0	0	0	0	0.220	0.32	0.165	0.06	0	0	0	0
28	West Bengal	78.70	31.50	7.30	7.50	36.50	14.60	21.45	10.70	15.89	0.65	3.00	5.50
	<b>Total</b>	<b>797.54</b>	<b>120.37</b>	<b>111.24</b>	<b>17.04</b>	<b>2234.44</b>	<b>292.44</b>	<b>114.162</b>	<b>48.8738</b>	<b>282.2422</b>	<b>20.62</b>	<b>131.82</b>	<b>47.357</b>

**P&A- Production and Availability (lakh tones), AC- Area covered (lakh ha). (Total Production/availability 3671.44 lakh tons, In terms of nutrients 7.34 million tons assuming 2% NPK nutrients)**

**Organic manure production units established under State/Central Govt. financial assistance scheme (excluding the units funded under National Project on Organic Farming (NPOF) during 2009-10**

Sr. No	Name of the State	NADEP compost (no.)	Capacity generated (lakh mt)	Vermi-compost units (no.)	Capacity generated (lakh mt)	Other compost units (no.)	Capacity generated (lakh mt)
1	Andhra Pradesh	0	0	518	0.31	116	0.08
2	Arunachal Pradesh	0	0	2	0.0022	19	0.0081
3	Assam	0	0	2452	0.0196	23780	0.119
4	Bihar	0	0	1601	0.04805	0	0
5	Chhattisgarh	4536	0.45	46166	760.50	54276	1.40
6	Goa	0	0	26	1.00	32	0.003
7	Gujarat	0	0	18000	0.80	0	0
8	Haryana	0	0	0	0	0	0
9	Himachal Pradesh	0	0	0	0	0	0
10	Jammu & Kashmir	44	0.00007	209	0.0084	0	0
11	Jharkhand	0	0	0	0	0	0
12	Karnataka	0	0	8924	1.07	4	2.54
13	Kerala	0	0	0	0	0	0
14	Madhya Pradesh	0	0	0	0	0	0
15	Maharashtra	0	0	0	0	0	0
16	Manipur	0	0	0	0	0	0
17	Mizoram	0	0	120	0.0096	0	0
18	Meghalaya	0	0	0	0	0	0
19	Nagaland	1000	0.06	240	0.0125	0	0
20	Orissa	0	0	8082	0.347	800	87.76
21	Punjab	0	0	3423	0.571	0	0
22	Rajasthan	0	0	509	0.0266	0	00
23	Sikkim	0	0	467	0.0467	1416	0.1416
24	Tamil Nadu	0	0	2680	1.072	39	0.060
25	Tripura	0	0	0	0	0	0
26	Uttar Pradesh	6418	0.641	9135	0.328	0	0
27	Uttarakhand	0	0	0	0	0	0
28	West Bengal	0	0	3424	0.56	0	0
	Total	11998	1.15107	105978	766.73165	80482	92.1117

0 - means information is not available

# **Annexure IV**

## **Area Under Organic certification Process and Production of different commodities (2010-11)**





**State - wise and Year-wise Total Cultivated Area under Organic Certification Process (2007-08 to 2010-11)**

Sl. No.	State	Area in Ha			
		2007-08	2008-09	2009-10	2010-11
1	Andhra Pradesh	21472.98	32450.524	30967.23	12350.625
2	Arunchal Pradesh	1038.8	311.06	1897.5	243.098
3	Asam	4747.32	4629.37	5108.92	2047.09
4	Bihar	125	0	1096.3	1303.62
5	Chattisgarh	177.98	503.84	444.301	448.926
6	Delhi	0	33289.11	267.7	266.32
7	Goa	14612.96	10979.78	7390.77	13303.699
8	Gujrat	165885.49	50927.5448	70538.86	48518.915
9	Haryana	2090.95	12220.30	8972.75	14763.607
10	Himachal Pradesh	10605.92	15435.57	576.1	4046.872
11	J & K	33047.1	419.47	613.07	776.478
12	Jharkhand	0	0	0	0
13	Karnataka	65207.65	22230.142	51468.458	19528.64
14	Kerala	11934.71	10507.797	14869.34	6597.65
15	Manipur	10869.592	10818.07	3171.31	2792.026
16	Maharashtra	125095.85	277780.61	150467.74	174845.475
17	Madhya Pradesh	214087.96	463553.02	440525	298362.878
18	Mizoram	16121.69	34906.13	27859.82	12544.131
19	Meghalaya	273.4	1813.38	3043.11	2419.666
20	Nagaland	14490.4	24042.65	9645.69	1603.54
21	Orissa	75678.5	81560.31	95740.91	23102.292
22	Punjab	3320.2	4192.52	5263.61	6025.785
23	Rajasthan	23780.59	29267.57	41127.92	66712.192
24	Sikkim	172.08	1476.61	7394.22	1418.341
25	Tripura	0	0	281.06	348.385
26	Tamilnadu	7667.254	8431.10	6742.88	4074.592
27	Uttar Pradesh	20444.78	22246.16	53545.23	41012.826
28	Uttaranchal	12493.85	30501.59	31065.61	11586.783
29	West Bengal	9880.08	13737.06	15563.05	6125.721
30	Others	0	8823.84	0	346.809
	<b>Total</b>	<b>865323.086</b>	<b>1207055.128</b>	<b>1085648.459</b>	<b>777516.982</b>

(Source – APEDA)

**STATEWISE AREA UNDER ORGANIC FARMING (REGISTERED UNDER ACCREDITED CERTIFICATION BODIES) FOR THE YEAR 2010-11**

State Name	Certified Cultivated Organic Area (in Hac)	In-conversion cultivated Area (in Hac)	Total area Cultivated under Certification process (in Ha)	Wild Area (in Hac)	Total Cultivated +Wild (In Ha)
Andhra Pradesh	6070.90	6279.72	12350.62	2000	14350.62
Arunachal Pradesh	243.09	0	243.09	0	243.09
Assam	2001.75	45.33	2047.08	0	2047.08
Andaman	0	334.68	334.68	0	334.68
Bihar	0	1303.62	1303.62	0	1303.62
Chhattisgarh	321.99	126.93	448.92	8000	8448.92
Daman & Diu	0	0	0	0	0
Delhi	127.5	138.82	266.32	0	266.32
Goa	13044.65	259.05	13303.7	0	13303.70
Gujarat	42267.48	6251.43	48518.91	0	48518.91
Haryana	2343.05	12420.54	14763.60	0	14763.60
Himachal Pradesh	2265.46	1781.41	4046.87	627855.12	631901.99
J&K	640.50	135.97	776.47	0	776.47
Karnataka	9128.01	10400.63	19528.64	69200	88728.64
Kerala	3870.27	2727.37	6597.65	0	6597.65
Lakshadweep	0	12.127	12.127	0	12.127
Madhya Pradesh	270955.69	27407.17	298362.87	2568209	2866571.87
Jharkhand	0	0	0	24300.00	24300
Maharashtra	124547.03	50298.44	174845.47	2500	177345.47
Manipur	2336.718	455.30	2792.02	0	2792.02
Meghalaya	1564.05	855.616	2419.66	0.0001	2419.6661
Mizoram	4471.6	8072.53	12544.13	0	12544.13
Nagaland	654.00	949.54	1603.54	0	1603.54
Orissa	16883.73	6218.55889	23102.29	1315.255	24417.54
Punjab	2118.21	3907.56	6025.78	0	6025.78
Rajasthan	57566.93	9145.26	66712.19	151000	217712.19
Sikkim	1391.03	27.30	1418.34	308	1726.34
Tamil Nadu	3244.61	829.982	4074.59	30803.5	34878.092
Tripura	203.56	144.825	348.385	0	348.385
Uttar Pradesh	17212.42917	23800.3974	41012.82	70632	111644.82
UTTARAKHAND	9513.756619	2073.026	11586.78	93879.2	105465.98
West Bengal	5014.94	1110.78	6125.72	0	6125.721
			0	0	0
			0	0	0
<b>TOTAL</b>	<b>600003</b>	<b>177513.9811</b>	<b>777516.882</b>	<b>3650002.07</b>	<b>4427519.05</b>

(Source APEDA)

**Details of State-wise area and production of organic commodities during the year 2010-11**

State Name	Total Area Under Certified Organic Cultivation ( in Million Hectares)	Total Production (in MT)
Andhra Pradesh	14350.62	59470.76
Arunachal Pradesh	243.10	2127.29
Assam	2047.09	14716.95
Andman	334.68	4189.10
Bihar	1303.62	15153.35
Chhattisgarh	8448.93	1695.82
Delhi	266.32	2172.26
Goa	13303.70	28262.50
Gujarat	48518.91	191667.84
Haryana	14763.61	119789.39
Himachal Pradesh	631901.99	74973.30
J&K	776.48	10382.95
Karnataka	88728.64	220901.31
Kerala	6597.65	58177.29
Lakshadweep	12.13	22.55
Madhya Pradesh	2866571.88	1220809.58
Jharkhand	24300.00	0.00
Maharashtra	177345.48	694275.26
Manipur	2792.03	19239.25
Meghalaya	2419.67	15674.64
Mizoram	12544.13	177509.02
Nagaland	1603.54	6627.47
Orissa	24417.55	166183.41
Punjab	6025.78	68177.83
Rajasthan	217712.19	265341.01
Sikkim	1726.34	5174.44
Tamilnadu	34878.09	41640.73
Tripura	348.39	527.25
Uttar Pradesh	111644.83	294156.10
Uttarakhand	105465.98	79765.04
West Bengal	6125.72	28393.48
<b>TOTAL</b>	<b>4427519.06</b>	<b>3887197.19</b>

(Source – APEDA)

### CATEGORYWISE PRODUCTION OF CERTIFIED ORGANIC PRODUCTS FOR THE YEAR 2010-2011

PRODUCTS	TOTAL PRODUCTION ( M.T.)
Cereals ( except Rice)	171684.66
Coffee	13122.03
Cotton	552388.47
Dry Fruits	52369.09
Fresh Fruits & Vegetables	335863.11
Medicinal & Herbal Plants	1792014.86
Oil Seeds	360837.17
Pulses	42721.61
Rice	176683.17
Spices-Condiments	129878.46
Tea	27684.26
Misc	221191.96
<b>TOTAL</b>	<b>3876438.85</b>
(Source – APEDA)	3.88 million M.T.

### PRODUCTWISE EXPORT DETAILS FOR ORGANIC PRODUCTS FOR THE YEAR 2010-2011

S.NO.	PRODUCT CATEGORY	EXPORT QUANTITY (in M.T.)
1	Oil Crops (Except sesame)	17965.94
2	Cotton & textiles	17362.79
3	Processed Food	8752.37
4	Misc	5916.68
5	Basmati Rice	5242.93
6	Tea	2928.08
7	Sesame	2409.11
8	Honey	2408.79
9	Non Basmati Rice	1633.73
10	Dry Fruits	1472.17
11	Cereals (Except Rice)	1347.89
12	Spices - Condiments	1174.35
13	Medicinal & Herbal Plants	627.09
14	Coffee	320.34
15	Vegetables	166.99
16	Aromatic Oil	38.57
17	Pulses	38
18	Fruits	27.51
19	Flowers	3.45
	<b>TOTAL</b>	<b>69836.78</b>
	(Source – APEDA)	<b>69837 M.T.</b>

# **Annexure V**

## **Staff Strength and Incumbancy Position**



## Staff Position in respect of National Project on Organic Farming as on 31.03.2011

Sr. No.	Post	Ghaziabad	Bangalore	Bhubaneshwar	Nagpur	Imphal	Jabalpur	Hisar
1.	Director	Dr. A.K. Yadav	--	--	--	--	--	--
2.	Regional Director	--	Dr. K. Chandra	Dr.R.N. Bisoyi	Dr. Vandana Dwivedi	--	--	--
3.	Dy. Director (Trg.)	Dr. D. Kumar (On deputation to DAC)	--	--	--	--	--	--
4.	Asstt. Director	Sh. R.P. Singh (Adhoc)	Sh. R. Kumar	--	Sh. T.K. Ghosh Sh.P. Majumdar (On depu. to DAC)	Sh. P.R. Nath	Dr. M.K. Paliwal (Adhoc)	---
5.	Jr. Scientific Officers	1) Dr. V.K. Verma 2) Dr. D. Gehlot 3) Dr. D.S. Yadav	1) Dr. Manoj Gupta (relieved on depu.w.e.f. 07.12.10 A/N) 2) Sh. S. R. Ingle	1) Dr. V. Pandey	1) Dr.S.M.Mowade 2) Dr. A.K.Shukla	Dr.V.Y.Deoghare Sh. Harish Srivathsa	Dr. A.S. Rajput	Sh. Jagat Singh
6.	Cataloguer	Sh. Hari Bhajan	--	--	--	--	--	--
7.	Storekeeper	Sh.S.K. Bhartiya	--	--	--	--	--	--
8.	Steno Grade-I	Sh.Vipan Malhotra Sh. S. Dutta	--	Smt. Sumitra Soren	Smt. K.S. Rao	--	Smt. Leena Anil	--
9.	Steno Grade-II	Sh. Bihari Lal	Ms. Sunita Hanovar	--	--	--	--	Sh. Gulshan Kumar
10.	Accountant	Smt. Saroj Khullar (dep.)	--	Sh. A. Mallick	--	Sh. I. Sarat (dep.)	--	Sh. Davinder Kumar
11.	U.D.C.	Smt. Niraj Gupta	Sh. A.R. Bhat	Sh.P.K. Nayak	Sh.K.G.Kulsange	Vacant	Vacant	--
12.	L.D.C.	1) Sh. L.C. Yadav 2) Sh. Satish Kumar	--	--	--	--	Sh.Santosh Kumar	--
13.	Lab. Asstt.	1) Sh. Subhash Chandra 2) Sh. Arjun Singh	1) Sh. Pramod Kumar	1) Sh. V.C. Pandey 2) Sh. D.K. Sharma	1) Sh.M.K. Meena 2) Sh.N.S. Rajput (on dep. to another deptt.)	1) Sh.J.B. Karmakar	1) Sh. Ramesh 2) Sh.S.K.Bakshi	1) Sh. Charan Singh 2) Sh. Devender Singh (on depu. to another deptt.)
14.	Driver	Sh. Om Prakash	Sh. Ramesh	Sh.Digamber Sahoo	Sh.B.S.Gajbhiye	Mohd. Bashir Ahmad	Sh. Kailash Chandra	--
15.	Peon	1) Sh. Mange Ram	Sh.S.E. Rajanna	Sh. Rabindra K.Hati	Sh.V.D. Patil	Sh.Khelseik Koireng	Smt. Shashi Devi Parihar	Sh. Hukam Chand
16.	Field-cum-Lab. Attdt.	1) Sh. Basant Kumar 2) Sh. Bhagwan Swarup	1) Sh. Mahavir Singh	1) Sh. Prahaldad Nayak 2) Sh. P.K. Singh	1) Sh.S.Y. Kamble 2) Sh. M.Y. Meshram	1) Sh.S.Pishak Singh 2) Sh.Y.Shongsang	1) Sh.S.K. Patel 2) Sh. L.K. Naik	--
17.	Chowkidar	Sh. Radhey Shyam	Sh. M.Nagaraja	Sh.Ramesh Ch.Das	Abolished	Sh.Y.T.Koireng	--	--