

National Project on Organic Farming

Department of Agriculture and Cooperation,
Ministry of Agriculture
Government of India

Biofertilizers and Organic Fertilizers Statistics Year 2005-06 to 2009-10

Compiled by
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**Status of Biofertilizer Production
During last Five years
(2005-06 to 2009-10)**

Total Biofertilizer Production during different Years

Sl. No.	Name of the State	Years				
		2005-2006	2006-2007	2007-08	2008-09	2009-10
Western Zone						
1	A & N Islands	0	0	0	0	0
2	Andhra Pradesh	2246.43	4500.619	4515.81	168.136	1345.28
3	Daman & Diu	0	0	0	0	0
4	Karnaraka	612	341.64	2841.269	11921.057	3695.5
5	Kerala	8.34	261.75	814.447	1187.001	1936.451
6	Lakshadweep	0	0	0	0	0
7	Pondicherry	7.78	1827.78	471.286	561.7924	452.79
8	Tamil Nadu	2207.58	1770.29	3466.966	4687.818	3732.5862
	Total	5082.13	8702.079	12109.778	18525.804	11162.607
Central Zone						
9	Chhatisgarh	0	0	0	0	0
10	Gujarat	1371.60	1250.63	1263.301	1149.695	1309.19
11	Goa	0	3.5	0	0	0
12	Madhya Pradesh	823.07	1204.76	1884.867	848.448	1587.6775
13	Maharashtra	2098.96	2425.959	2486.41	1249.87	1861.33
14	Rajasthan	430.59	339.75	302.30	353.67	805.571
15	D & N Haveli	0	0	0.00	0.00	0
	Total	4724.22	5224.599	5936.88	3601.6806	5563.764
Northern Zone						
16	Delhi	1.23	0	168.844	1165.1	1021.85
17	Chandigarh	0	0	0	0	0
18	Haryana	23.48	30.22	8.89	14.25	6.195
19	Himachal Pradesh	9.59	0	56.21	0	8.5
20	Jammu & Kashmir	0	0	0	0	0
21	Punjab	2.27	2	1.7	1.14	301.232
22	Uttar Pradesh	486.30	212.78	250.057	885.5174	962.6417
23	Uttarakhand	0	0	0	48.23	32.00
	Total	522.87	245	485.701	2114.2344	2332.419
Eastern Zone						
24	Bihar	41.00	36.9	20	0	0
25	Jharkhand	9.00	205.62	201.68	15	15
26	Orissa	65.97	280.54	331.94	405.03	289.867
27	West Bengal	194.60	1406.48	922.34	241.24	256.5
	Total	310.57	1929.54	1475.96	661.27	561.367
North Eastern Zone						
28	Arunachal Pradesh	0	0	0	0	0
29	Assam	107.60	8.465	70.901	129.3552	121.04
30	Manipur	0	0	0	0	0
31	Meghalaya	0	0	0	0	0
32	Mizoram	0	1.68	3.58	1.996	2.5
33	Nagaland	17.03	10.65	13.98	16.0092	18.25
34	Sikkim	0	0	0	0	0
35	Tripura	0	23.25	14.27	14.68	278.402
	Total	124.63	44.05	102.73	162.04	420.19
	Grand Total	10764.42	16145.263	20111.05	25065.03	20040.348

Biofertilizer Statistics

2005- 06

Production of different biofertilizers during the year 2005-06

Sl. No.	Name of Biofertilizer	Production (In tones)
1	Azotobacter	1794.81
2	Azospirillum	1172.94
3	Acetobacter	180.51
4	Rhizobium	1085.48
5	Phosphate Solubilising Micro-Organism	5985.11
	Total	10218.85
6	Others*	9573.02
	Grand Total	19791.87

* Others include compost (Trichoderma, Paceliomyces etc.), PGPRs, BGA, Azolla, Phospho Compost Etc.

State wise status of Biofertiliser Production (tones)

Name of State	Biofertiliser Production during the Year 2005-06							
	Azotobacter	Azospirillum	Acetobacter	Rhizobium	PSB	Total BF	Others	Grand Total
Andhra Pradesh	3.35	19.61	N.A.	34.18	2189.29	2246.43	15.04	2261.47
Assam	N.A.	N.A.	N.A.	N.A.	106.20	106.20	7250.56	7356.76
Bihar	9.00	8.00	N.A.	5.50	18.50	41.00	N.A.	41.00
Gujarat	294.50	119.97	80.19	126.18	750.76	1371.60	N.A.	1371.60
Delhi	0.49	0.06	N.A.	0.18	0.50	1.23	1.09	2.32
Haryana	6.85	N.A.	0.19	6.46	9.98	23.48	N.A.	23.48
Himachal Pradesh	4.29	N.A.	N.A.	5.30	N.A.	9.59	9.59	19.18
Jharkhand	1.50	0.98	N.A.	1.00	5.52	9.00	200.00	209.00
Karnataka	3.98	4.61	N.A.	13.91	45.34	67.84	0.08	67.92
Kerala	N.A.	4.89	N.A.	0.64	2.81	8.34	8.34	16.68
Madhya Pradesh	136.95	0.51	N.A.	252.17	433.44	823.07	140.57	963.64
Maharastra	1064.82	37.36	0.85	152.45	843.49	2098.97	394.04	2493.01
Nagaland	3.39	2.17	N.A.	3.30	8.17	17.03	N.A.	17.03
Orissa	7.98	7.00	N.A.	24.99	26.00	65.97	200.00	265.97
Punjab	N.A.	N.A.	N.A.	2.27	N.A.	2.27	N.A.	2.27
Rajasthan	42.78	N.A.	83.40	99.57	204.84	430.59	6.18	436.77
Pondicherry	N.A.	1.98	N.A.	3.77	2.03	7.78	1.96	9.74
Tamilnadu	10.87	929.16	0.06	264.96	1002.52	2207.57	77.99	2285.56
Uttar Pradesh	168.21	0.08	15.82	50.55	251.64	486.30	N.A.	486.30
West Bengal	35.86	36.56	N.A.	38.10	84.09	194.61	1285.51	1480.12
Total	1794.82	1172.94	180.51	1085.48	5985.12	10218.87	9590.95	19809.82

The information is based on data received from different production units, besides this many Pvt. Units, State Agri. Labs and SAUs and other agencies are also producing BF. The production figures of these units are not available.

Biofertilizer Statistics

2006- 07

Production of different Biofertilisers and other Microbial formulations in India during year 2006-07

Sr.No.	Name of Biofertiliser	Production (in tones)
1.	<i>Azotobacter</i>	665.66
2.	<i>Azospirillum</i>	880.35
3.	<i>Acetobacter</i>	55.92
4.	<i>Rhizobium</i>	2691.80
5.	Phosphate solubilising Microorganism	3091.89
	Total	16145.26
6.	Others*	20071.30
	Grand Total	36208.53

* Others include compost enrichers (*Trichoderma*, *Paceliomyces* etc.), PGPRs, BGA, *Azolla*, and biopesticides.

State wise status of Biofertiliser Production (tones) (2006-07)

Name of State	Biofertiliser Production during the Year 2006-07							
	<i>Azotobacter</i>	<i>Azospirillum</i>	<i>Acetobacter</i>	<i>Rhizobium</i>	PSB	Total BF	Others	Grand Total
Andhra Pradesh	0	0	0	0	0	4500.619	0	4500.619
Assam	3.9152	0.6034	0	0.388	3.5586	8.465	0	8.4652
Bihar	0	0	0	0	0	36.90	0	36.90
Goa	0	0	0	0	0	3.50	0	3.50
Gujarat	320.748	118.601	46.195	83.339	681.748	1250.63	0	1250.631
Haryana	7.276	0	0	6.556	16.384	30.22	0.948	31.164
Himachal Pradesh	0	0	0	0	0	0	0	0
Jharkhand	0	0	0	0	0	205.62	0	205.62
Karnataka	11.798	49.217	0	12.175	268.445	341.64	16255.583	16597.218
Kerala	26.64	39.362	0	32.45	163.30	261.75	1031.426	1293.178
Madhya Pradesh	127.419	0.50	0	297.63	779.21	1204.76	0	1204.757
Mizoram	0.316	0.252	0	0.444	0.67	1.68	0	1.682
Maharashtra	0	0	0	0	0	2425.959	0	2425.96
Nagaland	2.3612	1.5964	0	1.9252	4.77	10.65	0	10.65
Orissa	0	0	0	0	0	280.54	0	280.54
Punjab	0	0	0	2	0	2	0	2
Rajasthan	18.95	0	0	100.49	220.31	339.75	49.50	389.25
Pondicherry	0	64.125	0	1686.66	76.994	1827.78	12.586	1840.365
Tamilnadu	40.79	602.7332	0	365.6302	761.132	1770.29	2713.259	4483.5444
Tripura	14.20	3	0	1.78	4.266	23.25	0	23.25
Uttar Pradesh	91.2502	0.3602	9.732	0.3368	111.1042	212.78	8	212.78
West Bengal	0	0	0	0	0	1406.48	0	1406.48
Total	665.6636	880.3502	55.927	2591.8042	3091.89	16145.263	20071.30	36208.5536

State wise details of number of production units, installed production capacity and total production during the year 2006-07

S. No.	State	No. of Units	Production Capacity 2006-07	Production (MT) 2006-07
1	Andhra Pradesh	11	5675	4500.619
2	Assam	5	75	8.465
3	Bihar	1	150	36.90
4	Delhi	1	-	-
5	Gujarat	5	1700	1250.62
6	Goa	1	150	3.50
7	Haryana	1	75	30.22
8	Himachal Pradesh	1	75	0.00
9	Jharkhand	2	220	205.62
10	Karnataka	13	17850	341.64
11	Kerala	7	1535	261.75
12	Madhya Pradesh	7	1700	1204.76
13	Maharashtra	34	3695	2425.96
14	Mizoram	1	25	1.68
15	Nagaland	1	50	10.65
16	Orissa	3	475	280.54
17	Punjab	2	10	2.00
18	Pondicherry	3	2225	1827.78
19	Rajasthan	3	550	339.75
20	Tamil nadu	24	5285	1770.29
21	Tripura	1	50	23.25
22	Uttar Pradesh	4	250	212.78
23	West Bengal	8	1675	1406.48
	Total	139	43495	16145.25

Biofertilizer Statistics

2007- 08

Production of different Biofertilisers and other Microbial formulations in India during year 2007-08

Sr. No	Name of Biofertiliser/ Inoculants	Production (in tones)
1.	<i>Azotobacter</i>	3360.854
2.	<i>Azospirillum</i>	2944.553
3.	<i>Rhizobium</i>	2825.893
4.	Phosphate solubilising Microorganism	10675.930
	Total Biofertilizers	20111.050
5.	Other Inoculants*	18821.639
	Grand Total (all inoculants)	38932.689

*Others include compost enrichers (*Trichoderma*, *Paceliomyces* etc.), PGPRs, BGA, etc.

State wise Biofertiliser Production (tones)

Sl. No.	Name of State	Biofertilizer Production during the year 2007-08						
		Azotobacter	Azospirillum	Rhizobium	PSB	Total BF	Other Inoculants *	Grand Total
1	Andhra Pradesh	566.454	519.697	874.154	2555.505	4515.81	65.164	4580.974
2	Assam	13.079	17.29	6.769	33.763	70.901	0	70.901
3	Bihar	0	0	0	0	20	0	20
4	Delhi	53.645	51.316	4.802	59.081	168.844	575.812	744.656
5	Gujarat	375.42	129.08	105.691	653.11	1263.301	32.18	1295.481
6	Goa	0	0	0	0	0	46.513	46.513
7	Haryana	2.02	0	1.49	5.38	8.89	0.01	8.9
8	Himachal Pradesh	12.25	15.01	13.7	15.25	56.21	0	56.21
9	Jharkhand	75	25	15	75	201.68	0	201.68
10	Karnataka	353.318	691.407	102.929	1693.615	2841.269	5584.62	8425.889
11	Kerala	28.271	146.168	158.804	481.204	814.447	3743.392	4557.839
12	Madhya Pradesh	221.874	5.333	510.265	1147.395	1884.867	34.3	1919.167
13	Maharashtra	984.50	83.80	339.33	1078.78	2486.41	258.16	2744.57
14	Mizoram	0.72	0.67	0.89	1.3	3.58	0	3.58
15	Nagaland	3.82	1.6	2.14	6.42	13.98	0	13.98
16	Orissa	152.38	39.02	33	55	331.94	13	344.94
17	Punjab	0	0	1.7	0	1.7	0	1.7
18	Pondicherry	10.34	77.701	67.51	315.735	471.286	1213.395	1684.681
19	Rajasthan	47.413	0	58.307	196.583	302.303	0	302.303
20	Tamil nadu	135.179	1000.125	330.111	2001.551	3466.966	7250.881	10717.847
21	Tripura	6.325	0	1.62	6.325	14.27	0	14.27
22	Uttar Pradesh	95.414	5.876	16.554	132.213	250.057	4.211	254.268
23	West Bengal	223.43	135.46	181.13	162.72	922.34	0	922.34
	Total	3360.854	2944.553	2825.893	10675.93	20111.05	18821.639	38932.689

* Other inoculants include compost enrichers (*Trichoderma*, *Paceliomyces* etc.), PGPRs, BGA, Azolla.

State Wise Capacity and Production of Biofertilizer

S. No.	State	Installed Capacity	Total Biofertilizer Production (MT)	Other Inoculants (MT)*	Total Production (MT)
1	Andhra Pradesh	7025	4515.81	65.164	4580.97
2	Assam	290	70.901	0	70.90
3	Bihar	150	20	0	20.00
4	Delhi	1000	168.844	575.812	744.66
5	Gujarat	1850	1263.30	32.18	1295.48
6	Goa	150	0	46.513	46.51
7	Haryana	50	8.89	0.01	8.90
8	Himachal Pradesh	75	56.21	0	56.21
9	Jharkhand	220	201.68	0	201.68
10	Kartnataka	26425	2841.27	5584.62	8425.89
11	Kerala	5855	814.45	3743.39	4557.84
12	Madhya Pradesh	1725	1884.87	34.3	1919.17
13	Maharashtra	5775	2486.41	258.16	2744.57
14	Mizoram	25	3.58	0	3.58
15	Nagaland	150	13.98	0	13.98
16	Orissa	430	331.94	13	344.94
17	Punjab	2	2	0	1.70
18	Pondicherry	890	471.29	1213.40	1684.68
19	Rajasthan	800	302.30	0	302.30
20	Tamil nadu	12825	3466.97	7250.88	10717.85
21	Tripura	30	14.27	0	14.27
22	Uttar Pradesh	315	250.06	4	254.27
23	West Bengal	1105	922.34	0	922.34
	Total	67162.00	20111.05	18821.639	38932.689

* Others include compost enrichers (Trichoderma, Paceliomyces etc.), PGPRs, BGA, Azolla

Biofertilizer Statistics 2008-09

State Wise installed production capacity and actual Production of Biofertilizer and microbial inputs in 2008-09

S. No.	State	Capacity	Total Biofertilizer Production (MT)	Other Inoculants *	Total Production (in MT)
1	Andhra Pradesh	7150	168.14	7	175.14
2	Assam	290	129.3552	5680	5809.36
3	Bihar	150	0	0	0.00
4	Delhi	2000	1165.1	189.35	1354.45
5	Gujarat	1850	1149.70	28.07	1177.76
6	Goa	150	0	28.33	28.33
7	Haryana	50	14.25	0.00	14.25
8	Himachal Pradesh	75	0.00	0	0.00
9	Jharkhand	10	15.00	0	15.00
10	Kartnataka	26425	11921.06	8890.982	20812.04
11	Kerala	5855	1187.00	2920.90	4107.91
12	Madhya Pradesh	1725	848.45	0.2	848.65
13	Maharashtra	6425	1249.87	156.44	1406.30
14	Mizoram	25	2.00	0	2.00
15	Nagaland	20	16.01	0	16.01
16	Orissa	854	405.03	0	405.03
17	Punjab	2	1	0	1.14
18	Pondicherry	890	561.79	1252.60	1814.39
19	Rajasthan	1000	353.67	0	353.67
20	Tamil nadu	12825	4687.82	19997.39	24685.21
21	Tripura	20	14.68	0	14.68
22	Uttar Pradesh	333	885.52	8	893.02
23	Uttarkhand	350	48.23	0	48.23
24	West Bengal	330	241.24	0	241.24
	Total	68804.00	25065.03	39158.761	64223.7908

* Others include compost enrichers (Trichoderma, Paceliomyces etc.), PGPRs, BGA and biopesticides

State Wise Production of different Biofertilizer and other microbial inputs in 2008-09

Sl. No.	Name of State	Biofertilizer Production during the year 2008-09						Other Inoculants *	Grand Total
		Azotobacter	Azospirillum	Rhizobium	PSB	Total BF			
1	Andhra Pradesh	14.725	38.209	34.775	80.427	168.136	7	175.136	
2	Assam	26.5238	28.8794	5.9816	67.9704	129.3552	5680	5809.3552	
3	Bihar	0	0	0	0	0	0	0	
4	Delhi	1014.21	45.99	11.19	93.71	1165.1	189.35	1354.45	
5	Gujarat	300.92	117.915	69.91	660.95	1149.695	28.065	1177.76	
6	Goa	0	0	0	0	0	28.33	28.33	
7	Haryana	4.87	0	2.02	7.36	14.25	0	14.25	
8	Himachal Pradesh	0	0	0	0	0	0	0	
9	Jharkhand	0	0	0	0	15	0	15	
10	Karnataka	4730.739	282.406	761.778	6146.134	11921.057	8890.982	20812.039	
11	Kerala	8.933	276.787	49.8845	851.3965	1187.001	2920.904	4107.905	
12	Madhya Pradesh	100.941	18.1	171.927	557.48	848.448	0.2	848.648	
13	Maharashtra	235.65	1.73	135.27	877.22	1249.87	156.44	1406.30	
14	Mizoram	0.32	0.196	0.58	0.9	1.996	0	1.996	
15	Nagaland	4.28	0.6028	2.6504	8.476	16.0092	0	16.0092	
16	Orissa	0	0	0	0	405.03	0	405.03	
17	Punjab	0	0	1.14	0	1.14	0	1.14	
18	Pondicherry	11.34	69.149	57.2314	424.072	561.7924	1252.6	1814.3924	
19	Rajasthan	41.04	0	53.67	258.96	353.67	0	353.67	
20	Tamil Nadu	467.8132	599.9742	616.0824	3003.9482	4687.818	19997.394	24685.212	
21	Tripura	7.3	0	2.2	5.18	14.68	0	14.68	
22	Uttar Pradesh	281.6758	0.2	146.1716	457.47	885.5174	7.5	893.0174	
23	Uttarakhand	17.669	7.5	5.242	17.816	48.23	0	48.23	
23	West Bengal	0	0	0	0	241.24	0	241.24	
	Total	7268.9528	1487.6344	2127.702	13519.470	25065.02	39158.761	64223.791	

* Others include compost enrichers (Trichoderma, Paceliomyces etc.), PGPRs, BGA and Biopesticides

Biofertilizer Statistics 2009-10

State Wise Production Capacity and actual production of Biofertilizer and other microbial inoculants in 2009-10

S. No.	State	Capacity	Total Biofertilizer Production (MT)	Other Inoculants*	Total Production (in MT)
1	Andhra Pradesh	5825	1345.28	326.2	1671.48
2	Assam	225	121.04	0	121.04
3	Bihar	0	0	0	0.00
4	Delhi	2000	1021.85	211.99	1233.84
5	Gujarat	1550	1309.19	48.69	1357.88
6	Goa	1000	0	8.44	8.44
7	Haryana	775	6.20	647.08	653.27
8	Himachal Pradesh	25	8.50	0	8.50
9	Jharkhand	50	15.00	0	15.00
10	Kartnataka	25488	3695.50	18109.126	21804.63
11	Kerala	10400	1936.45	6736.45	8672.90
12	Madhya Pradesh	1750	1587.68	83.5	1671.18
13	Maharashtra	5315	1861.33	250.86	2112.19
14	Mizoram	75	2.50	0	2.50
15	Nagaland	150	18.25	0	18.25
16	Orissa	470	289.87	12	302.02
17	Punjab	575	301	0	301.23
18	Pondicherry	1900	452.79	1137.63	1590.42
19	Rajasthan	1000	805.57	0	805.57
20	Tamil nadu	25265	3732.59	17622.49	21355.08
21	Tripura	300	278.40	0	278.40
22	Uttar Pradesh	1090	962.64	8	970.14
23	Uttarkhand	550	32.00	274	305.80
24	West Bengal	300	256.50	0	256.50
	Total	86078.00	20040.35	45475.9058	65516.2542

State Wise Production of different Biofertilizer and other microbial inoculants in 2009-10

Sl. No.	Name of State	Biofertilizer Production during the year 2009-10						
		Azoto	Azosp	Rhizo	PSB	Total BF	Other Inoculants *	Grand Total
1	Andhra Pradesh	126.03	214.12	34.13	971	1345.28	326.2	1671.48
2	Assam	22.2	22.74	9.2	66.9	121.04	0	121.04
3	Bihar	0	0	0	0	0	0	0
4	Delhi	907.07	35.68	9.73	69.37	1021.85	211.99	1233.84
5	Gujarat	366.59	125.51	99.64	717.45	1309.19	48.69	1357.88
6	Goa	0	0	0	0	0	8.44	8.44
7	Haryana	1.2	0	1.725	3.27	6.195	647.0778	653.2728
8	Himachal Pradesh	1.4	0.6	6	0.5	8.5	0	8.5
9	Jharkhand	0	0	0	15	15	0	15
10	Karnataka	250.165	485.25	358.96	2601.12	3695.5	18109.126	21804.626
11	Kerala	40.53	300.001	170.46	1425.46	1936.451	6736.447	8672.898
12	Madhya Pradesh	173.401	25.364	396.137	992.775	1587.6775	83.5	1671.1775
13	Maharashtra	463.13	92.29	298.65	1007.26	1861.33	250.86	2112.19
14	Mizoram	0.65	0.47	0.68	0.7	2.5	0	2.5
15	Nagaland	4	1.25	2.8	10.2	18.25	0	18.25
16	Orissa	79.616	23.5715	122.7485	63.931	289.867	12.149	302.016
17	Punjab	1.34	0	0	299.892	301.232	0	301.232
18	Pondicherry	10.64	2.8	53	386.35	452.79	1137.63	1590.42
19	Rajasthan	156.692	0	140.854	508.025	805.571	0	805.571
20	Tamil nadu	49.4	244.763	531.813	2906.61	3732.5862	17622.492	21355.078
21	Tripura	98.002	90	2	88.4	278.402	0	278.402
22	Uttar Pradesh	375.669	0	89.4004	497.571	962.6417	7.5	970.1417
23	Uttarkhand	7.9	3.5	11.4	9.2	32.00	273.8	305.80
23	West Bengal	61	0	0	195.5	256.5	0	256.5
	Total	3196.62	1667.90	2339.32	12836.4	20040.34	45475.90	65516.25

* Others include compost enrichers (Trichoderma, Paceliomyces etc.), PGPRs, BGA, Azolla

**Organic Fertilizer
Production and
Availability Statistics
(2007-08 to 2009-10)**

Organic Fertilizer Statistics 2007 -08

State-wise details of different organic manures produced /available (lakh mt) and area covered (lakh ha) In different States. As per the details provided by State Govts during October 2008 (2007-08)

Sr. No	Name of the State	Rural Compost		Urban compost		FYM		Vermicompost		Other manures	
		P&A	AC	P&A	AC	P&A	AC	P&A	AC	P&A	AC
1.	Andhra Pradesh	47.09	4.79	1.05	0.11	300.0	30.0	1.0	0.4	0.5	0.5
2	Arunachal Pradesh	0	0	0	0	0.1	0.01	0.01	0.01	0	0
3	Assam	0.76	0.38	0	0	81.36	8.13	0.25	0.12	0	0
4	Bihar	21.38	61.8	0.015	0	0	0	0.14	0	0.25	0
5	Chattisgarh	13.2	13.0	0.09	0.04	20.68		0.666	0	15.35	0.6
6	Goa	0.4	0.02	0.04	0	0.22	0.01	0.01	0.01	0	0
7	Gujarat	0	0	0	0		0	0.5	0.12	1.70	0.34
8	Haryana	32.50	0	0	0	7.05	0	0.73	0	0	0
9	Himachal Pradesh	6.80	2.5	0.04	1.0	0	0	0.65	0.66	0	0
10	Jammu & Kashmir	0.95	0.05	0.10	0	2.5	0.12	0.25	0	0	0
11	Jharkhand	0	0	0	0	0	0	0.41	1.40	0	0
12	Karnataka	1016.22	508.11	143.54	71.77	1665.12	832.50	13.56	6.78	64.62	40.50
13	Kerala	0.80	0	0.04	0	122.05	15.20	4.16	0	8.02	0.67
14	Madhya Pradesh	0	0	0	0	0	0	0	0	0	0
15	Maharashtra	0.41	0	0	0	0	0	1.07	0.24	0	0
16	Manipur	81.0	0	0	0	6.27	0.73	0	0	0	0
17	Mizoram	0	0	0	0	0.002	0	0.003	0	0.002	0
18	Nagaland	0	0	0	0	0	0	0	0	0	0
19	Orissa	21.38	61.80	0.015	0	0	0	0.139	0	0.25	0
20	Punjab	312.00	20.40	0.008	0	3.00	0.29	0.15	0.07	0	0
21	Rajasthan	69.50	0	1.05	0	0	0	2.48	0	0	0
22.	Sikkim	0.26	0.06	0	0	0	0	0.50	0.25	0.24	0.06
23	Tamilnadu	18.68	9.34	6.66	3.33	10.56	2.11	0.4	1.04	0	0
24	Tripura	0	0	0	0	0	0	0	0	0	0
25	Uttar Pradesh	6.26	0.62	0	0	0	0	0.83	0.16	0	0
26	Uttarakhand	0	0	0	0	4.50	1.09	1.50	0.60	0	0
27	West Bengal	43.65	14.55	0	0	40.95	12.6	1.55	0.77	1.15	1.2
	Total	1693.24	697.42	152.648	76.25	1862.002	864.65	30.958	12.63	92.082	43.87

**P&A- Production and Availability (lakh tones),
AC- Area covered (lakh ha).**

State wise details of Green Manure Production/ Availability (lakh metric 21ones) and area covered (lakh ha) during 2007-08

Sr. No	Name of the State	Green Manure	
		Production/ Availability/Distribution of seed (lakh mt)	Area covered (lakh ha)
1.	Andhra Pradesh	18.75	1.88
2	Arunachal Pradesh	0	0
3	Assam	0	0
4	Bihar	0	0
5	Chattisgarh	11.54	0.05
6	Goa	0.65	0.21
7	Gujarat	0	0
8	Haryana	0	0
9	Himachal Pradesh	0	0
10	Jammu & Kashmir	0	0
11	Jharkhand	0	0
12	Karnataka	6.22	7.78
13	Kerala	0.025	0
14	Madhya Pradesh	0	0
15	Maharashtra	0.13	0
16	Manipur	0	0
17	Orissa	0	0.15
18	Punjab	0	0
19	Rajasthan	0	0.19
20	Sikkim	0	0
21	Tamilnadu	10.73	0.71
22	Uttar Pradesh	79.8	0.79
23.	Uttrakhand	3.60	0.20
24	West Bengal	2.15	1.07
	Total	133.595	13.03

**Sate wise details of Organic manure production units established under State/
Central Govt financial assistance scheme (As per the details provided by State Govts
during October 2008, excluding the units funded under NPOF)
(2007-08)**

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	1441	0.043	41	0.016
2	Arunachal Pradesh	0	0	115	0.01	0	0
3	Assam	0	0	1133	0.11	20	0.002
4	Bihar	0	0	0	0	0	0
5	Chhattisgarh	3892	0.38	8467	0.32	6362	0.63
6	Goa	0	0	13	0	352	0.06
7	Gujarat	0	0	6768	0.07	0	0
8	Haryana	0	0	0	0	0	0
9	Himachal Pradesh	0	0	9	0.59	0	0
10	Jammu & Kashmir	0	0	59	0	0	0
11	Jharkhand	0	0	9	0.50	0	0
12	Karnataka	4	5.84	33	0.26	156892	13.48
13	Kerala	0	0	5200	4.16	0	0
14	Madhya Pradesh	179602	5.4	13414	0.20	0	0
15	Maharashtra	441	0.014	21219	1.07	61703	0.77
16	Manipur	0	0	18	0	0	0
17	Mizoram	0	0	0	0	0	0
18	Orissa	0	0	710	0.0139	0	0
19	Punjab	0	0	0	0	0	0
20	Rajasthan	0	0	45897	0.52	0	0
21	Sikkim	0	0	12786	0.50	6410	0.20
22	Tamilnadu	0	0	765	32400	0	0
23	Tripura	0	0	50	0	0	0
24	Uttar Pradesh	59683	6.26	59498	0.832	0	0
25	Utrkhand	5000	0.81	0	0	0	0
26	West Bengal	0	0	960	0.048	950	0.047
	Total	248622	18.704	178564	32409.2469	232730	15.205

0- means information is not available

Organic Fertilizer Statistics 2008-09

State-wise details of different organic manures produced /available (lakh mt) and area covered (lakh ha) in different States (2008-09)
(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		Other manures	
		P&A	AC	P&A	AC	P&A	AC	P&A	AC	P&A	AC
1.	Andhra Pradesh	52.70	5.30	1.16	0.12	330.00	33.00	1.10	0.44	0.55	0.55
2	Arunachal Pradesh	0.005	0.006	0	0	0.105	0.055	0.012	0.014	0	0
3	Assam	8.00	0.80	0	0	18.80	1.90	0	0	0	0
4	Bihar	0.90	0.09	0.25	0.03	41.00	4.10	0	0	0	0
5	Chhattisgarh	27.80	2.90	0.50	0.038	51.60	5.10	3.00	2.33	2.50	0.47
6	Goa	0.74	0.074	0.004	0.008	2.80	0.28	0.12	0.0012	0	0
7	Gujarat	15.20	1.56	0.25	0.03	45.00	4.50	0.80	0.40	5.11	5.11
8	Haryana	85.00	0.85	0	0	30.80	3.00	0	0	0	0
9	Himachal Pradesh	18.00	1.80	0.05	0.0012	12.00	1.20	4.31	1.50	0	0
10	Jammu & Kashmir	0.95	0.095	0.10	0.002	2.5	0.25	0.03	0.005	0	0
11	Jharkhand	5.00	0.50	0	0	15.00	1.50	0	0	0	0
12	Karnataka	45.73	4.50	239.67	23.00	65.00	6.50	4.21	2.87	16.90	9.90
13	Kerala	5.2	0.2	4.04	0.162	58.63	2.00	40.00	16.00	9.00	12.50
14	Madhya Pradesh	11.00	1.10	0	0	82.60	8.50	0	0	0	0
15	Maharashtra	15.00	1.50	0.50	0.05	75.00	7.50	0.17	0.02	0.65	0.40
16	Manipur	0	0	0	0	0.50	0.05	0	0	0	0
17	Mizoram	0	0	0	0	0.015	0.006	0.003	0.0007	0	0
18	Nagaland	0	0	0	0	0	0	0	0	0	0
19	Orissa	40.00	4.00	0.016	0	43.55	4.35	0.30	0.15	0.49	0.50
20	Punjab	109.80	10.90	0.80	0.08	200.00	20.00	0.17	0.020	0	0
21	Rajasthan	15.60	1.56	0	0	75.00	7.50	0	0	0	0
22.	Sikkim	0	0	0	0	0	0	0	0	0	0
23	Tamil Nadu	4.95	0.50	0.54	0.05	21.50	2.15	0.35	0.56	0	0
24	Tripura	0	0	0	0	0	0	0	0	0	0
25	Uttar Pradesh	9.82	0.98	0	0	85.80	8.50	1.08	0.21	0	0
26	Uttarakhand	0	0	0	0	0.182	0.30	0.143	0.055	0	0
27	West Bengal	15.00	1.50	8.00	0.80	45.00	4.50	0	0	0	0
	Total	486.395	40.715	255.88	24.3712	1302.382	126.741	55.798	24.5759	35.2	29.43

P&A- Production and Availability (lakh tones),

AC- Area covered (lakh ha).

**Sate wise details of Organic manure production units established under State/
Central Govt financial assistance scheme (As per the details provided by State Govts
during Sept-Dec 2009, excluding the units funded under NPOF)
(2008-09)**

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	5960	0.18	0	0
2	Arunachal Pradesh	0	0	10	0.0003	0	0
3	Assam	0	0	0	0	0	0
4	Bihar	0	0	15000	3.00	0	0
5	Chhattisgarh	25235	40.70	12097	3.00	6017	6.00
6	Goa	0	0	11	0.003	28	0.009
7	Gujarat	0	0	4466	0.80	0	0
8	Haryana	0	0	0	0	0	0
9	Himachal Pradesh	0	0	177576	3.50	0	0
10	Jammu & Kashmir	0	0	185	0.03	0	0
11	Jharkhand	0	0	0	0	0	0
12	Karnataka	0	0	4666	0.56	4.00	2.54
13	Kerala			3100	4.00	104	9.24
14	Madhya Pradesh	0	0	0	0	0	0
15	Maharashtra	0	0	4235	0.17	210534	0.65
16	Manipur	0	0	0	0	0	0
17	Mizoram	0	0	10	0.003	0	0
18	Meghalaya	0	0	108	0.001	0	0
19	Orissa	0	0	2865	0.095	0	0
20	Punjab	0	0	0	0	0	0
21	Rajasthan	0	0	0	0	0	0
22	Sikkim	0	0	0	0	0	0
23	Tamil Nadu	0	0	979	0.35	22	0.003
24	Tripura	0	0	0	0	0	0
25	Uttar Pradesh	93586	9.82	76570	1.072	0	0
26	Uttrakhand	2071	0.18	485	0.015	0	0
27	West Bengal	0	0	0	0	0	0
	Total	95657	10	308323	16.7793	216709	18.442

0- means information is not available

Organic Fertilizer Statistics 2009-10

**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	1.05	0.11	30.00	3.00	1.00	2.50	13.003	1.30	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	0
3	Assam	0.94	0.094	0.0052	0.00052	2.70	0.270	0.45	0.045	29.82	4.26	0	0
4	Bihar	3.00	0.20	0.50	0.05	0	0	2.00	0.20	0	0	0	0
5	Chhattisgarh	110.50	12.60	1.004	0.20	3.644	0.817	0.782	1.237	1.10	0.0445	11.70	2.45
6	Goa	1.34	0.134	0	0	0	0	0.00948	0.00095	0	0.236	0.005	0.01
7	Gujarat	0	0	0	0	12.00	6.00	0.80	0.40	3.20	0.15	5.00	10.00
8	Haryana	10.05	1.00	0	0	0	0	0	0	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	0.25	6.09	0	0	9.603	111.95	0.0214	807	450	0.00394	0.0761	10.507
11	Jharkhand	5.00	0.50	0	0	18.00	2.00	0	0	0	0	0	0
12	Karnataka	457.83	44.00	609.67	23.00	807.11	32.00	4.42	8.84	110.64	12.03	11.60	23.25
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	12.00	1.20	0	0	85.50	8.95	0	0	0	0	0	0
15	Maharashtra	15.00	1.50	0.50	0.05	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	0.01	0.0025	0	0.0022	0	0
18	Meghalaya	0	0	0	0	0	0	0	0	0	0	0	0
19	Nagaland	0.008	0.0008	0	0	0	0	0.0032	0.0016	0.086	0.0086	0	0
20	Orissa	40.00	4.00	0.016	0	44.50	4.50	0.45	0.20	0	0	0.49	0.50
21	Punjab	29.74	0	00.80	0	29.735	0	0.56	0	31.356	1.844	0	0
22.	Rajasthan	0	0	0	0	0	0	0	0	5.073	0.271	0	0
23	Sikkim	0	0	0	0	0	0	0	0	22.50	0.005	0	0
24	Tamil Nadu	4.96	0	0.52	0	1.47	0.588	0.50	0.80	0.017	0.68	1.60	2.13
25	Tripura	0	0	0	0	0	0	0	0	0	0	0	0
26	Uttar Pradesh	7.93	0.794	0	0	0	0	1.306	0.187	29.531	2.953	0	0
27	Uttarakhand	0	0	0	0	0.220	0.32	0.165	0.06	0	0	0	0
28	West Bengal	29.74	0	0.80	0	29.735	0	0.56	0	31.360	1.844	0	0
	Total	804.49	76.17	618.96	23.57	1220.65	181.25	73.72	842.86	727.69	26.57	40.62	62.25

P&A- Production and Availability (lakh tones), AC- Area covered (lakh ha).

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	2731	0.32635	0	0
2	Arunachal Pradesh	0	0	0	0	0	0
3	Assam	0	0	300	0.0015	1	0.001
4	Bihar	0	0	1601	0.04805	0	0
5	Chhattisgarh	17955	1.62	8270	0.50	24806	0.74
6	Goa	0	0	7	98.00	76	380.00
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	654	0.021396	4557	0.036758
11	Jharkhand	0	0	0	0	0	0
12	Karnataka	0	0	12963	1.55	0	0
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	102	0.0104	0	0
18	Meghalaya	0	0	0	0	0	0
19	Nagaland	0	0	80	0	800	0.008
20	Orissa	0	0	0	0	0	0
21	Punjab	0	0	3424	0.56	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	1180	0.50	39	0.06
25	Tripura	0	0	0	0	0	0
26	Uttar Pradesh	79373	7.937	93304	1.306	0	0
27	Uttrakhand	0	0	0	0	0	0
28	West Bengal	0	0	3424	0.56	0	0
	Total	97372	9.55707	147016	104.256996	31695	3380.987

0 - means information is not available

Quality Control of Biofertilizers and Organic Fertilizers

(2005-06 to 2009-10)

Year 2005-06

Till 2005-06 biofertilizers and organic fertilizers were not any regulatory mechanism. Quality analysis was taken up to monitor the overall quality scenario for information to user Departments and agencies.

- i. **Biofertilizers** – Out of total 2007 samples received and analyzed 463 (23%) samples were found to be substandard.

Details of Biofertilizer samples analyzed for quality (2005-06)

Sl. No.	Name of Centre	Total Samples Tested	Samples found Standard	Samples found Sub-standard	Percent of substandard samples
1	NCOF, Ghaziabad	381	317	64	16.80
2	RCOF, Bangalore	1233	865	368	29.85
3	RCOF, Bhubaneshwar	72	72	0	0.00
4	RCOF, Hisar	17	14	3	17.65
5	RCOF, Imphal	22	22	0	0.00
6	RCOF, Jabalpur	45	37	8	17.78
7	RCOF, Nagpur	237	217	20	8.44
	Total	2007	1544	463	23.07

- ii. **Organic Fertilizers** – Out of total 251 samples of different organic fertilizers received and analyzed 31 samples (12.35%) were found to be substandard. Although there were no official standards but they were analyzed and reported as per the agreed standards by scientific community.

Details of Organic fertilizer samples analyzed for quality (2005-06)

Sl. No.	Name of Centre	Total Samples Tested	Samples found Standard	Samples found Sub-standard	Percent of substandard samples
1	NCOF, Ghaziabad	11	11	0	0.00
2	RCOF, Bangalore	80	80	0	0.00
3	RCOF, Bhubaneshwar	40	21	19	47.50
4	RCOF, Hisar	0	0	0	0.00
5	RCOF, Imphal	16	16	0	0.00
6	RCOF, Jabalpur	10	10	0	0.00
7	RCOF, Nagpur	94	82	12	12.77
	Total	251	220	31	12.35

Year 2006-07

Biofertilizers and Organic fertilizers included in FCO

The Ministry of Agriculture Deptt of Agriculture & Cooperation notified the biofertilizer & Organic Fertilizers under FCO-1985 through the Gazette of India Extraordinary Part-II, Sr. No 276 Section-3 sub-sention (ii) published by the authority on 24 March 2006. This included specification of Biofertilizers like *Rhizobium*, *Azotobactor*, *Azospirillum* & Phosphate solublising microorganism & Organic fertilizers like **City compost**, **Vermi compost** & **Pressmud**.

i. Biofertilizers

During year 2006-07 a total of 1705 sample of different biofertilisers were analyzed, out of which 25.22 % samples were found sub-standard. The Centre wise detail of Quality testing is as under.

Details of Biofertiliser samples tested for Quality Control

Sl. No.	Name of Centre	Total samples Tested	Samples found Standard	Samples found Sub-standard	Per cent of substandard samples
1.	NCOF Ghaziabad	125	99	26	20.8
2.	RCOF Bangalore	1032	690	342	33.13
3.	RCOF Bhubaneshwar	10	10	0	0
4.	RCOF Hisar	32	14	18	56.25
5.	RCOF Imphal	16	16	0	0
6.	RCOF Jabalpur	73	73	0	0
7.	RCOF Nagpur	417	373	44	10.55
	TOTAL	1705	1275	430	25.22

ii. Organic Manures:

During the current year, 2006-07 total of **710** samples of organic manures were tested out of this 459 samples of different organic inputs were found sub standard i.e.64.65%.

Centre wise details of Quality testing of different Organic Inputs

Sl. No.	Name of Centre	Total samples Tested	Samples found Standard	Samples found Sub-standard	Per cent of substandard samples
1.	NCOF Ghaziabad	0	0	0	0
2.	RCOF Bangalore	544	150	394	72.43
3.	RCOF Bhubaneshwar	18	18	0	0
4.	RCOF Hisar	59	0	59	100
5.	RCOF Imphal	01	01	0	0
6.	RCOF Jabalpur	01	0	01	100
7.	RCOF Nagpur	87	82	05	5.75
	TOTAL	710	251	459	64.65

Year 2007-08

1. Quality control of biofertilizers and Organic manures

The details of biofertilizers and organic fertilizer samples analyzed during the year 2007-08 are as follows:

- i. **Biofertilisers** - During year 2007-08 a total of **1907** sample of different biofertilisers were analyzed, out of which **0.89** % samples were found sub-standard. The Centre wise details of Quality testing is given below.

Table 21. Details of Biofertiliser samples tested for Quality Control

Sl. No.	Name of Centre	Total samples Tested	Samples found Standard	Samples found Sub-standard	Per cent of substandard samples
1.	NCOF Ghaziabad	692	687	05	0.72
2.	RCOF Bangalore	988	0	0	0
3.	RCOF Bhubaneshwar	31	28	03	9.67
4.	RCOF Hisar	0	0	0	0
5.	RCOF Imphal	01	01	0	0
6.	RCOF Jabalpur	31	31	0	0
7.	RCOF Nagpur	164	155	09	5.49
	TOTAL	1907	902	17	0.89

- ii. **Organic Manures:** During the current year, 2007-08 total of **115** samples of organic manures were tested out of this **37** samples of different organic inputs were found sub standard i.e.**32.17** % The Centre wise details of Quality testing is given in Table-22.

Table 22: 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	0	0	0	0
2.	RCOF Bangalore	50	20	30	60
3.	RCOF Bhubaneshwar	06	04	02	33.33
4.	RCOF Hisar	0	0	0	0
5.	RCOF Imphal	0	0	0	0
6.	RCOF Jabalpur	14	14	0	0
7.	RCOF Nagpur	45	40	05	11.11
	TOTAL	115	78	37	32.17

Year 2008-09

The details of biofertilizers and organic fertilizer samples analyzed during the year 2008-09 are as follows:

- i. **Biofertilisers** - During year 2008-09 a total of **1234** sample of different biofertilisers were analysed, out of which **26.98** % samples were found sub-standard. The Centre wise details of Quality testing is given below.

Table 23: Details of Biofertiliser 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	454	438	16	3.52
2.	RCOF Bangalore	445	185	260	58.43
3.	RCOF Bhubaneshwar	143	90	53	37.06
4.	RCOF Hisar	0	0	0	0
5.	RCOF Imphal	50	50	0	0
6.	RCOF Jabalpur	32	32	0	0
7.	RCOF Nagpur	110	96	14	12.72
	TOTAL	1234	453	333	26.98

- ii. **Organic Manures:** During the current year, 2008-09 total of **273** samples of organic manures were tested out of this **78** samples of different organic inputs were found sub standard i.e.**28.57** % The Centre wise details of Quality testing is given below:

Table 24: 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	0	0	0	0
2.	RCOF Bangalore	75	34	41	54.67
3.	RCOF Bhubaneshwar	122	85	37	30.32
4.	RCOF Hisar	0	0	0	0
5.	RCOF Imphal	03	03	0	0
6.	RCOF Jabalpur	05	05	0	0
7.	RCOF Nagpur	68	68	0	0
	TOTAL	273	195	78	28.57

Year 2009-10

The details of biofertilizers and organic manure samples analyzed in fulfillment of requirement under FCO during the year 2009-10 are as follows:

- i. **Biofertilisers** - During year 2009-10 a total of **983** sample of different biofertilisers were analysed, out of which **35.60** % samples were found sub-standard. The Centre wise details of Quality testing is given in Table- 19.

Details of Biofertiliser 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	253	105	148	58.49
2.	RCOF Bangalore	449	295	154	34.29
3.	RCOF Bhubaneshwar	87	52	35	40.22
4.	RCOF Hisar	0*	0*	0*	0*
5.	RCOF Imphal	19	19	0	0
6.	RCOF Jabalpur	45	45	0	0
7.	RCOF Nagpur	130	100	13	10
	TOTAL	983	616	350	35.60

*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

- ii. **Organic Manures:** During the current year, 2009-10 total of **517** samples of organic manures were tested out of this **174** samples of different organic inputs were found sub standard i.e.**33.65** % The Centre wise details of Quality testing is given in Table-20.

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	1	1	0	0
2.	RCOF Bangalore	33	19	14	42.42
3.	RCOF Bhubaneshwar	408	248	160	39.22
4.	RCOF Hisar	0*	0*	0*	0*
5.	RCOF Imphal	01	01	0	0
6.	RCOF Jabalpur	02	02	0	0
7.	RCOF Nagpur	72	72	0	0
	TOTAL	517	343	174	33.65

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

The details in respect of quality analysis of other inoculants and organic fertilizers not covered under FCO for study purposes during the year 2009-10 are given below:

Details of other microbial formulations/ inoculant samples not covered under FCO analysed 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	140	For study purpose as no standards available		-
2.	RCOF Bangalore	95	81	14	14.73
3.	RCOF Bhubaneshwar	386	232	154	39.89
4.	RCOF Hisar	65	65	0	0
5.	RCOF Imphal	06	06	0	0
6.	RCOF Jabalpur	0	0	0	0
7.	RCOF Nagpur	252	232	20	7.93
	TOTAL	944	-	-	-

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	76	For study purpose as no standards available		
2.	RCOF Bangalore	0	0	0	0
3.	RCOF Bhubaneshwar	292	174	118	40.41
4.	RCOF Hisar	0	0	0	0
5.	RCOF Imphal	0	0	0	0
6.	RCOF Jabalpur	0	0	0	0
7.	RCOF Nagpur	102	96	06	5.88
	TOTAL	470	-	-	-