

# CERTIFICATE

## Forest Garden Products (FGP) and Organic EEC Regulation

It is declared herewith to have inspected the product(s) and/or unit(s) of this project as mentioned in the Annex of this certificate and have found them in accordance with the International Standards for Forest Garden Products (FGP) including Organic production as specified by the:

**International Analog Forestry Network (IAFN), Costa Rica  
&  
EEC Regulation 834/2007 & 889/2008 for EEC Organic Production  
methods**

**Certificate number: FGPIIC IND018.2010FGPCERT018.01.PKS**

**FGP IC Licensee No: FGP IC IND018**

**Report no.: FGPIIC.IND018.2010FGPCERT.01.PKS**

This certificate and the Annex to this certificate are valid until the date mentioned below unless it is withdrawn as a result of a violation of the standards, the conditions laid down in the contract with F.G.P Inspection & Certification (Pvt) Ltd. and/ or replacement with a new certificate issued to:

**Phalapradha Farmers Society®**  
92/5, Kannalli, Sigehalli Cross, Magadi Road, Bangalore-560091  
Karnataka State, India

**Certified by FGP Inspection & Certification Pvt. Ltd.**

Dates of last inspection: 25 to 30 October 2010

Date of certificate issue: 5 February 2011

Certificate Validity: 5 February 2012



Signed on behalf of :

**FGP Inspection & Certification (Pvt) Ltd.**

Deva Vikrantha

Certifier



**TOXIN FREE FGP**

FGP Inspection & Certification (Pvt) Ltd.				
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## Concerned Party:

### Phalapraddha Farmers Society®

92/5, Kannalli, Sigehalli Cross, Magadi Road, Bangalore-56009

**Karnataka State, India**

T: +91-80-22730995/982, F: +91-80-2853 6695

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This Annex covers the product(s) and/or unit(s), that meet(s) with the:  
Standard of the INTERNATIONAL ANALOG FORESTRY NETWORK, (IAFN),  
COSTA RICA

From

**Organic Production Methods**

**(EEC Regulation 834/2007 & 889/2008),**

**Bio diversity Indicators, Clean Environmental aspects & Fair Trade**

Inspected and certified by:

**FGP Inspection & Certification (Pvt) Ltd.**

**Accreditations & Recognitions: FGP Inspection & Certification (Pvt) Ltd.**



[www.analogforestrynetwork.org](http://www.analogforestrynetwork.org)



[www.slab.lk](http://www.slab.lk)

**IAFN Accreditation No: C01A**

**(For Forest Garden Production methods of Organic, Bio Diversity, clean environment and Fair Trade)**

**Sri Lanka Accreditation Board Accredited for ISO/IEC Guide 65 No: CP 001 - 01**

**(For Forest Garden and Organic Production methods)**

**Bench Mark:**



**fair flowers  
fair plants**

**Fair Trade criteria** of the IAFN and its implementation are Bench Marked with that of Fair Flowers Fair Plants, The Netherlands (FFP) No. 20100312153428298\_0001.

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## FGP Projects in: Bangalore, Coorg, Sagar-Shimoga, South Canara, India

### Individual owned Agricultural units inspected:

Unit No.	Name & address of FGP unit	Area (ha)	Crops
FGP IC IND018 - AG003	Sridevi Estate, Gundya Post, Uppinangady Taluk, D.K District, Karnataka State, India	607.30 Ha 01 farmer.	Forest Garden Forest Garden product standard Organic Cinamomum tamala, Cocoa, Pepper, Citronella, Amla, Tamarind, Tulsi, Cashew, Soap nut, Birds eye chilly, Coffee, Coconut, Cloves, Sapota, Mango and Medicinal Herbs

### Small Group Farmer Agricultural units inspected:

Unit No.	Name & address of FGP unit	Area (ha)	Farmers FGP / Organic status	Crops
FGP IC IND018 - AG001	Coorg Organic Farms, Gonikoppa, South Coorg, Karnataka State, India	187 Ha	33	Forest Garden product standard Organic Coffee, Birds eye chilli, Cinnamon, Paddy, Pepper, Coconut, Cardamom, Vanilla, Orange, Banana, Clove, Allspice, Nutmeg, Sapota, Turmeric, Mango, Ginger, Patchouli and Medicinal Herbs
FGP IC IND018 - AG002	Sagar Organic Farm, Shimogga, Karnataka State, India	47.78 Ha	12	Forest Garden Forest Garden product standard Organic Birds eye chilli , Coffee, Cardamom, Banana, Citrus, Clove, Nutmeg, Lemon Grass, Pepper, Vanilla, Beetle vines, Areca nut, Coconut, Tulsi, Ginger, Turmeric, Shathavari, Sapota, Mango, Cinnamon, Cocoa, Harithaki, Tamarind, Cashew nut, Pippali, Patchouli and Medicinal Herbs

Other farmers, who are in - conversion to FGP / Organic, have not been included in this inspection.

### 1. Coorg Organic Farms: FGPIIC IND018 –AG001

Crop/Product	No. of plants	Estimated Yield in kgs	Remarks
Birds eye Chilli	12370	3588	Inter Crop
Acacia concinna	55	275	Forest Tree
Adatoda vasica	5607	2848	Medicinal Plant
Aegle marmelos	18	330	Forest Tree
Alspice	245	1220	Medicinal Plant
Asparagus racemosus	14935	71763	Intercrop
Bacopa monnieri	weed	8625	Medicinal Plant
Banana	15156	121224	Inter Crop
Bhumi amalakki (weed)	weed	1075	Medicinal Plant
Bixa orellana	155	970	Intercrop
Boswella serrata	135	5400	Forest Tree
Cardamom	19661	3424	Inter Crop
Catharanthus roseus	6375	250	Medicinal Plant
Centella asiatica(Weed)	weed	9360	Medicinal Plant
Cinnamomum tamala	474	28440	Inter Crop

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Cinnamon	706	3644.5	Inter Crop
Citronella(Cimbopegun winterinusus)	2050	16400	Medicinal Plant
Citrus aurantium amara	755	18875	Medicinal Plant
Cleodendrum phlomidis	82	1220	Medicinal Plant
Clove	196	292	Inter Crop
Coconut	1163	102130	Inter Crop
Coffee	138500	387110	Inter Crop
Desmodum gangeticum	weed	135	Medicinal Plant
Eclipta alba(Weed)	weed	14325	Medicinal Plant
Eucalyptus Citrodora	46	8300	Medicinal Plant
Ginger	232500	328055	Inter Crop
Gmelina arborea	65	650	Medicinal Plant
Holerehna antidesentrica	55	220	Medicinal Plant
Ipomea digitata	weed	345	Medicinal Plant
Lemon Grass(Cimbopegen citruses)	4750	52200	Inter Crop
Mango	150	5190	Inter Crop
Mentha piperita	48720	8225	Inter Crop
Mentha spicata	22900	5375	Inter Crop
Mustha(Weed)	weed	2970	Medicinal Plant
Nutmeg	194	859	Inter Crop
Ocium sanctum	6210	3110	Medicinal Plant
Orange	3678	42344	Inter Crop
Oroxylum indicum	80	1965	Medicinal Plant
Paddy	39 acres	15100	Inter Crop
Palmarosa	ac	40385	Inter Crop
Pepper	28113	123895	Inter Crop
Piper longum	1375	617	Inter Crop
Pogostomon patchouli	25000	2750	Inter Crop
Rauvolfia serpentina	100	300	Medicinal Plant
Rosa damascena	700	90	Medicinal Plant
Rosenarnus officinalis	2900	1495	Inter Crop
Rubia Cardifolia(weed)	weed	2700	Medicinal Plant
Sapindus trifoliatus	170	3700	Medicinal Plant
Sapota	22	295	Inter Crop
Saraca Asoka	18	216	Medicinal Plant
Saraka Indica	40	306	Medicinal Plant
Solanum indicum	weed	272	Medicinal Plant
Solanum virum(weed)	2000	415	Medicinal Plant
Stereospermum suaveolens	19	580	Medicinal Plant
Stevia rebaudiana	2050	2100	Inter Crop
Tejpatra	706	2824	Inter Crop
Terminalia arjuna	80	2000	Medicinal Plant
Terminalia bellirica	86.5	4318	Medicinal Plant
Terminalia chebula	87	4480	Medicinal Plant
Turmeric	362000	55000	Inter Crop
Uraria picta	weed	105	Medicinal Plant
Urtica diaoca	59500	4275	Medicinal Plant
Vanilla	6840	8530	Inter Crop
Vetiveria zianiodes	21500	2650	Medicinal Plant
Vidanga	158	1015	Medicinal Plant

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**2. Sagar Organic Farms: FGPI IND018 –AG002**

Crop/Product	No. of plants	Estimated Yield in kgs	Remarks
Birds eye chilli	weed	170	Inter crop
Arecanut	42900	85500	Inter crop
Bala	weed	50	Medicinal plant
Banana	5740	45950	Inter crop
Beetle Vine	1142	2284	Inter crop
Bhumiamalakki	weed	50	Medicinal plant
Cardamom	500	450	Inter crop
Cashew nut	5100	1500	Inter crop
Cinnamon	2215	624	Inter crop
Citrus	300	1500	Inter crop
Clove	25	100	Inter crop
Cocoa	200	1600	Inter crop
Coconut	3597	71940	Inter crop
Coffee	7550	31000	Inter crop
Ginger	0.5ac	500	Inter crop
Gokshura	weed	65	Medicinal plant
Harithaki	8	600	Medicinal plant
Pippali	150	8	Inter Crop
Lemon Grass	400	800	Inter crop
Mango	75	3000	Inter crop
Nutmeg	45	332	Inter crop
Patchouli	0.025	20	Inter crop
Pepper	21950	43900	Inter crop
Punarnava	weed	50	Medicinal plant
Sapota	25	300	Inter crop
Shathavari	1500	30	Medicinal plant
Tamarind	7	2200	Inter crop
Tulsi	weed	470	Medicinal plant
Turmeric	0.5ac	300	Inter crop
Vanilla	28700	57450	Inter crop

**3. Sridevi Estate : FGPI IND018 –AG003**

Crop/Product	No of plants	Estimated Yield in kgs	Remarks
Acacia concinna	36	25	Forest tree
Aegle marmelos	720	200	Medicinal Plant
Amla	350	3500	Intercrop
Asparagus racemosus	weed	22400	Medicinal Plant
Bacopa monnieri	1600	75	Medicinal Plant
Bala root	Weed	1600	Medicinal Plant
Bhumi amalakki (weed)	Weed	6375	Medicinal Plant
Birds eye chilly	100	20	Intercrop
Bixa orellana	360	1400	Intercrop
Boswellia serrata	5000	5000	Forest tree
Cashew	12500	50000	Intercrop
Centella asiatica	weed	10	Medicinal Plant
Cinnamon	400	8000	Intercrop
Cleodendrum phlomidis	5000	4500	Medicinal Plant
Cloves	112.5	90	Intercrop
Coccont	10	1500	Intercrop
Cocoa	25000	40000	Intercrop

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Coffee	2000	8000	Intercrop
Desmodum gangeticum	300	270	Medicinal Plant
Gokshra	Weed	1500	Medicinal Plant
Holerehna antidesentrica	6250	5625	Medicinal Plant
Ipomea digitata	12500	11250	Medicinal Plant
Kalmegh	1200	6000	Medicinal Plant
Mango	5	500	Intercrop
Oroxylum indicum	1500	1350	Medicinal Plant
Pepper	4000	16000	Intercrop
Phyllanthus niruri	15000	375	Medicinal Plant
Sapota	5	250	Intercrop
Saraca ashoka	1500	1350	Medicinal Plant
Shopnut	700	17500	Intercrop
Solanum xanthocarpum	675	607.5	Medicinal Plant
Solanum indicum	65	58.5	Medicinal Plant
Stereospermum suaveolens	120	108	Medicinal Plant
Tamarind	1350	40000	Intercrop
Terminalia Arjuna	24	950	Medicinal Plant
Tulsi	5000	1250	Medicinal Plant

### Processing Units:

Below is a list of Units/ Operations added to Certification Programme during this inspection:

Phalada Agro Research Foundation Pvt. Ltd.: **FGPIC IND018 -PROC001, PROC005**

Accelerated Freeze Dry company: **FGPIC IND018 -PROC002**

Asian Aromatic oils Inc.: **FGPIC IND018 -PROC003**

Yeskay Coffee Curing Works Pvt. Ltd.: **FGPIC IND018 -PROC004**

Unit Number	<b>FGPIC IND018 -PROC001</b>
Unit Name	Phalada Agro Research Foundation Pvt. Ltd.,
Location	Phalada Agro Research Foundation Pvt. Ltd., 92/5, Kannali, Magadi main Road, Bangalore, India
Process	Internal Control System, Cleaning, drying, blanching, steam sterilization, tea bag size cutting, slicing, powdering of spices, herbs, sieving, coconut desiccation, flaking, air dehydration, brewing, extraction, filtration, peeling, deseeding, cutting of herbs, vanilla processing, pulverization, packing, labelling, Export and Administration. Spice & herb processing: Cleaning, washing, Steam sterilization, drying, metal detection, powdering, tea bag cut
Processes added	None more added
Status	FGP: Forest Garden Product standard as per IAFN standards status Organic production: 100% EEC Regulation 834/2007 & 889/2008 status

Unit Number	<b>FGPIC IND018 -PROC002</b>
Unit Name	Accelerated Freeze Dry company,
Location	Jigani, Karnataka Bangalore India.
Process	Dehydration, freeze drying of pepper and other spices fruits, Juicing & pulping of fruits, packing, labelling, and administration. Cleaning, Washing, Soaking, cooking, air drying of green pepper, ginger, amla and mango, labelling and storage.

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Processes added	None more added
Status	FGP: Forest Garden Product standard as per IAFN standards status Organic production: 100% EEC Regulation 834/2007 & 889/2008 status

Unit Number	<b>FGPIC IND018 -PROC003</b>
Unit Name	Asian Aromatic oils Inc
Location	Madanapally, Andra Pradesh, India.
Process	Steam distillation of spices, medicinal plants and aromatic crops and storage. Ex: Patchouli, davana, palmarosa, rosemary, lemongrass etc
Processes added	None more added
Status	FGP: Forest Garden Product standard as per IAFN standards status Organic production: 100% EEC Regulation 834/2007 & 889/2008 status

Unit Number	<b>FGPIC IND018 -PROC004</b>
Unit Name	Yeskay Coffee Curing Works Pvt. Ltd.
Location	Gundlupete, Coorg district, Karnataka State, India
Process	Curing and processing Drying, cleaning, de husking, grading, of coffee beans packing, storage Coffee beans packing, storage and export
Processes added	None more added
Status	FGP: Forest Garden Product standard as per IAFN standards status Organic production: 100% EEC Regulation 834/2007 & 889/2008 status

Unit Number	<b>FGPIC IND018 -PROC005</b>
Unit Name	Phalada Agro Research Foundation Pvt.Ltd.
Location	First Floor, 92/5,Kannali, Magadi Main Road, Bangalore, India
Process	Export and Administration
Processes added	None more added
Status	FGP: Forest Garden Product standard as per IAFN standards status Organic production: 100% EEC Regulation 834/2007 & 889/2008 status

### Products processed for export / local sales: origin of:

Product Number	FGP / organic raw products & traceable origin	Finished product processed FGPIC IND018 -PROC001	Export Quantities (Tons)
FGPIC SL 018-PROD 001	Acacia concinna FGPIC IND018 –AG001/3	FGPIC IND 0018 PR001/5	17.8
FGPIC SL 018-PROD 002	Adatoda vasica FGPIC IND018 –AG001/3	FGPIC IND 0018 PR001/5	2.66
FGPIC SL 018-PROD 003	Aegle marmelos FGPIC IND018 –AG001/3	FGPIC IND 0018 PR001/5	0.53
FGPIC SL 018-PROD 004	Alspice FGPIC IND018 –AG001	FGPIC IND 0018 PR001/5	1.22
FGPIC SL 018-PROD 005	Amla FGPIC IND018 –AG003	FGPIC IND 0018 PR001/5/2	3.5
FGPIC SL 018-PROD 006	Arecanut FGPIC IND018 –AG002	FGPIC IND 0018 PR001/5	43.8
FGPIC SL 018-PROD 007	Asparagus racemosus FGPIC IND018 –AG001/2/3	FGPIC IND 0018 PR001/5	94.193
FGPIC SL 018-PROD 008	Bacopa monnieri FGPIC IND018 –AG001/3	FGPIC IND 0018 PR001/5	8.7
FGPIC SL 018-PROD 009	Bala FGPIC IND017 –AG002/3	FGPIC IND 0018 PR001/5	1.65

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FGPIC SL 018-PROD 010	Banana FGPIC IND018 –AG001/2	FGPIC IND 0018 PR001/5/2	157.944
FGPIC SL 018-PROD 011	Beetle Vine FGPIC IND018 –AG002	FGPIC IND 0018 PR001/5	1.254
FGPIC SL 018-PROD 012	Bhumi amalakki FGPIC IND018 –AG001/2 /3	FGPIC IND 0018 PR001/5	7.5
FGPIC SL 018-PROD 013	Birds eye Chilli FGPIC IND018 –AG001/2 /3	FGPIC IND 0018 PR001/5/2	3.788
FGPIC SL 018-PROD 014	Bixa orellana FGPIC IND018 –AG001/3	FGPIC IND 0018 PR001/5	1.33
FGPIC SL 018-PROD 015	Boswella serrata FGPIC IND018 –AG001/3	FGPIC IND 0018 PR001/5	10.4
FGPIC SL 018-PROD 016	Cardamom FGPIC IND018 –AG001/2	FGPIC IND 0018 PR001/5	4.074
FGPIC SL 018-PROD 017	Cashew FGPIC IND018 –AG002/3	FGPIC IND 0018 PR001/5	51.5
FGPIC SL 018-PROD 018	Catharanthus roseus FGPIC IND018 –AG001	FGPIC IND 0018 PR001/5	0.25
FGPIC SL 018-PROD 019	Centella asiatica FGPIC IND018 –AG002/3	FGPIC IND 0018 PR001/5	9.37
FGPIC SL 018-PROD 020	Cinnamomum tamala FGPIC IND018 –AG001/3	FGPIC IND 0018 PR001/5	36.44
FGPIC SL 018-PROD 021	Cinnamon FGPIC IND018 –AG001/2	FGPIC IND 0018 PR001/5/2/3	4.2685
FGPIC SL 018-PROD 022	Citronella FGPIC IND018 –AG003	FGPIC IND 0018 PR001/5/2/3	34.4
FGPIC SL 018-PROD 023	Citrus FGPIC IND018 –AG002	FGPIC IND 0018 PR001/5/2/3	1.5
FGPIC SL 018-PROD 024	Citrus aurantium amara FGPIC IND018 –AG001	FGPIC IND 0018 PR001/5/2/3	18.875
FGPIC SL 018-PROD 025	Cleodendrum phlomidis FGPIC IND018 –AG003	FGPIC IND 0018 PR001/5/2/3	4.5
FGPIC SL 018-PROD 026	Clove FGPIC IND018 –AG001/2/3	FGPIC IND 0018 PR001/5	0.482
FGPIC SL 018-PROD 027	Coccoa FGPIC IND018 –AG002/3	FGPIC IND 0018 PR001/5	40.6
FGPIC SL 018-PROD 028	Coccont FGPIC IND018 –AG001/2/3	FGPIC IND 0018 PR001/5/	163.47
FGPIC SL 018-PROD 029	Coffee FGPIC IND018 –AG001/2/3	FGPIC IND 0018 PR001/5/2/4	425.31
FGPIC SL 018-PROD 030	Desmodium gangeticum FGPIC IND018 –AG003	FGPIC IND 0018 PR001/5/2	0.27
FGPIC SL 018-PROD 031	Eclipta alba FGPIC IND018 –AG001	FGPIC IND 0018 PR001/5/3	14.325
FGPIC SL 018-PROD 032	Eucalyptus Citroedora FGPIC IND018 –AG001	FGPIC IND 0018 PR001/5/2/3	8.3
FGPIC SL 018-PROD 033	Ginger FGPIC IND018 –AG001/2	FGPIC IND 0018 PR001/5/2/3	328.555
FGPIC SL 018-PROD 034	Gokshra FGPIC IND018 –AG002/3	FGPIC IND 0018 PR001/5	1.565
FGPIC SL 018-PROD 035	Holerehna antidesentrica FGPIC IND018 –AG003	FGPIC IND 0018 PR001/5	5.625
FGPIC SL 018-PROD 036	Ipomea digitata FGPIC IND018 –AG003	FGPIC IND 0018 PR001/5	11.25
FGPIC SL 018-PROD 037	Kalmegh FGPIC IND018 –AG003	FGPIC IND 0018 PR001/5	6
FGPIC SL 018-PROD 038	Lemon Grass FGPIC IND018 –AG001/2	FGPIC IND 0018 PR001/5/3	53
FGPIC SL 018-PROD 039	Mango FGPIC IND018 –AG001/2/3	FGPIC IND 0018 PR001/5/2	8.69
FGPIC SL 018-PROD 040	Mentha piperita FGPIC IND018 –AG001	FGPIC IND 0018 PR001/5/2/3	8.225
FGPIC SL 018-PROD 041	Mentha spicata FGPIC IND018 –AG001	FGPIC IND 0018 PR001/5/2/3	5.375

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FGPIC SL 018- PROD 042	Mustha FGPIC IND018 –AG001	FGPIC IND 0018 PR001/5	2.97
FGPIC SL 018- PROD 043	Nutmeg FGPIC IND018 –AG001/2	FGPIC IND 0018 PR001/5	1.191
FGPIC SL 018- PROD 044	Orange FGPIC IND018 –AG001	FGPIC IND 0018 PR001/5/2	42.344
FGPIC SL 018- PROD 045	Oroxylum indicum FGPIC IND018 –AG003	FGPIC IND 0018 PR001/5	1.35
FGPIC SL 018- PROD 046	Paddy FGPIC IND018 –AG001	FGPIC IND 0018 PR001/5	15.1
FGPIC SL 018- PROD 047	Patchouli FGPIC IND018 –AG001	FGPIC IND 0018 PR001/5/3	2.77
FGPIC SL 018- PROD 048	Pepper FGPIC IND018 –AG001/2/3	FGPIC IND 0018 PR001/5/2	183.495
FGPIC SL 018- PROD 049	Piper longum FGPIC IND018 –AG001/2	FGPIC IND 0018 PR001/5	0.6195
FGPIC SL 018- PROD 050	Punarnava FGPIC IND018 –AG001/2	FGPIC IND 0018 PR001/5	0.05
FGPIC SL 018- PROD 051	Rauvolfia serpentina FGPIC IND018 – AG001	FGPIC IND 0018 PR001/5	0.3
FGPIC SL 018- PROD 052	Rosa damascena FGPIC IND018 –AG001	FGPIC IND 0018 PR001/5/3	0.09
FGPIC SL 018- PROD 053	Rosenarnus officinalis FGPIC IND018 – AG001	FGPIC IND 0018 PR001/5/3	1.495
FGPIC SL 018- PROD 054	Rubia Cardifolia FGPIC IND018 –AG001	FGPIC IND 0018 PR001/5	2.7
FGPIC SL 018- PROD 055	Sapindus trifoliatus FGPIC IND018 –AG001	FGPIC IND 0018 PR001/5	3.7
FGPIC SL 018- PROD 056	Sapota FGPIC IND018 –AG001/2/3	FGPIC IND 0018 PR001/5/2	0.845
FGPIC SL 018- PROD 057	Saraca ashoka FGPIC IND018 –AG003	FGPIC IND 0018 PR001/5	1.35
FGPIC SL 018- PROD 058	Solanum xanthocarpum FGPIC IND018 – AG001	FGPIC IND 0018 PR001/5	1.264
FGPIC SL 018- PROD 059	Solanum indicum FGPIC IND018 –AG003	FGPIC IND 0018 PR001/5	0.0585
FGPIC SL 018- PROD 060	Solanum virum FGPIC IND018 –AG001	FGPIC IND 0018 PR001/5	0.415
FGPIC SL 018- PROD 061	Stereospermum suaveolens FGPIC IND018 –AG003	FGPIC IND 0018 PR001/5	0.108
FGPIC SL 018- PROD 062	Stevia FGPIC IND018 –AG001	FGPIC IND 0018 PR001/5	2.1
FGPIC SL 018- PROD 063	Tamarind FGPIC IND018 –AG002/3	FGPIC IND 0018 PR001/5	40.6
FGPIC SL 018- PROD 064	Terminalia arjuna FGPIC IND018 –AG001/3	FGPIC IND 0018 PR001/5	1.79
FGPIC SL 018- PROD 065	Terminalia bellirica FGPIC IND018 –AG001	FGPIC IND 0018 PR001/5	4.318
FGPIC SL 018- PROD 066	Terminalia chebula FGPIC IND018 – AG001/2	FGPIC IND 0018 PR001/5	4.484
FGPIC SL 018- PROD 067	Tulsi FGPIC IND018 –AG001/2/3	FGPIC IND 0018 PR001/5/3	4.472
FGPIC SL 018- PROD 068	Turmeric FGPIC IND018 –AG001/2	FGPIC IND 0018 PR001/5/3	55.3
FGPIC SL 018- PROD 069	Urtica diaoca FGPIC IND018 –AG001	FGPIC IND 0018 PR001/5	4.275
FGPIC SL 018- PROD 070	Vanilla FGPIC IND018 –AG002	FGPIC IND 0018 PR001/5	62.48
FGPIC SL 018- PROD 071	Vetiveria zianiodes FGPIC IND018 –AG001	FGPIC IND 0018 PR001/5/3	2.65
FGPIC SL 018- PROD 072	Vidanga FGPIC IND018 –AG001	FGPIC IND 0018 PR001/5	1.015

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## **Clean Environment, Bio Diversity Indicators, Native species and Ecosystems:**

The general landscape of the environment is toxic free spices, fruits, commodities and herbs with mixed a diversity of tall & medium shade tree fruits & some forest trees on mildly sloping and flat lands, that have the minimum 40% of shade levels of an analog forest ecosystem with dense live hedges of non commercial vegetation of glyricidia, ferns, epiphytes, pockets of small forests within and the surrounding primary forests etc that make the lands different from normal organic farms.

The ecosystems that the producers are located in are forest like ecosystems, entire assemblage of organisms with trees, shrubs, herbs, micro organisms, grazing domestic animals & free graze poultry and including people in their environment under sustainable development and bio diversity conservation that enable CO<sub>2</sub> capture by photosynthesis of plants.

Further the burning of fossil fuels and deforestation are prohibited, thereby, leading to a natural control of emissions of toxic gasses.

### **Bio diversity indicators identified and reported are:**

Soil Macro Organisms,  
Vertebrates and Invertebrates,  
Birds and Insects,  
Physical survey of the soil and water

### **FGP crops under Organic / Bio Dynamic production:**

Agricultural crops are produced in soils of enhanced biological activity determined by the rich conditions of the soil ecosystem, its humus levels, aggregate structure and feeder root development lacking any chemical treatment. The tree crops are fed through the soil ecosystem and not via any soil fertility enhancement of usage of soluble salts added to the soil. Plants and soils are treated with compost.

Crop rotations are not possible in most lands except a few due to the permanent perennial spices, fruits, commodities and herbs cultivation, under forest shade. Mixed cropping patterns, erosion and manual weed management controls are observed.

Animal grazing movements also contribute to control weeds and soil fertility.

The mixed nature of the bio diversity of the vegetation has controlled insects and other pests.

Chemicals are not used for soil fertility improvement, pest and disease or weed control. The small group farmer holdings are under the management and supervision of the licensee's active Internal Control and Extension service system and all operations are recorded.

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## Emission Control and GHG gas absorption:

Greenhouse gases are the gases in an atmosphere that absorb and emit radiation within the thermal infrared range. The main greenhouse gases in the Earth's atmosphere are water vapour, carbon dioxide, methane, nitrous oxide, ozone and CFCs.

Burning of fossil fuels and deforestation leads to higher carbon dioxide concentrations. Anaerobic fermentation and manure management, paddy rice farming, land use and wetland changes and covered vented landfill emissions leads to higher methane atmospheric concentrations. Use of CFCs in refrigeration systems, and use of CFCs and halons in fire suppression systems can increase the amount of CFC in the atmosphere while agricultural activities such as use of inorganic fertilizers can lead to higher nitrous oxide (N<sub>2</sub>O) concentrations in the atmosphere.

However, greenhouse gases can be removed from the atmosphere by various processes. As a consequence of a physical change; condensation and precipitation the water vapour remove from the atmosphere while the photo-chemical reactions in the atmosphere, combustion or biological decomposition can degrade CH<sub>4</sub> to CO<sub>2</sub> and water vapour. Finally, CO<sub>2</sub> can be captured by photosynthesis of plants. These techniques either directly remove greenhouse gases or alternatively seek to influence natural processes to remove greenhouse gases indirectly.

The inspected area is now certified under Forest Garden Bio diversity Organic Production methods the entire area maintains a healthy relationship with the natural environment. Consequently, synthetic gasses mentioned above will not be emitted. Therefore the vegetative cover of aromatic and other spice trees, Fruit trees, Coffee, Cocoa Cashew and Coconut etc and the natural forest tall tree shade canopy in the growing areas under certification can control and handle the gasses emitted by natural and production process. Furthermore there is system to produce bio-gas using the residuals and animal waste before applying to the field; can convert CH<sub>4</sub> to CO<sub>2</sub>. It will also help to save some extent of energy and the digested residuals of the bio-gas plant can be used as organic manure.

## Fair Trade Practices & Economical benefits:

The operator who manages the individual lands, small farmer holdings, processors and exporter, practices a responsibility in ensuring a share of the profitability is repatriated to the production & processing areas and maintains auditable records to ensure full farmer, processor and customer confidence.

The lands inspected belong to small farmer holdings and individual companies. The farmers, those employed as well as the operator's rights are recognised in a mutually satisfactory manner and by regular dialog, with premium prices paid for forest garden organic agricultural products.

Lands and process units, under these standards are not sub-leased or contracted to other operators and maintain clean environmental and safe & healthy working conditions as required under the Fair Trade Social responsibilities of the International Analog Forestry Network standards.

To every extent possible employment is on a recognised employment relationship as per the National law with regular wages, over time etc paid are recorded. Working hours and overtime comply with the National law and are recorded.

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Farmers / Workers do not have to lodge deposits or original identity papers, are not physically or sexually harassed or discriminated and can leave their employment giving reasonable notice.

Child labour is not allowed to work in the small group farmer lands and processing units managed by the operator and consequently does not contribute to the detriment of the education and development of the children.

Forced, prison or bonded labour too are not engaged nor employed in the lands or the process units.

Consequently a good and responsible social policy is implemented in keeping with Fair Trade Social criteria to ensure secure livelihoods and sustainability.

**The economic benefits** accruing to the producers/collectors, goes beyond the premium prices they receive for FGP products, with health, education and agricultural programs.

**At the time of inspection, the under noted were checked and recorded as accounted:**

**Raw tea leaves:** The farm workers are paid regular wages on a daily basis. All workers receive regularity of employment, daily wages & over time, health & safety measures adopted on the fields etc. In addition the field workers receive an extra on the wage rate for exceeding the targeted harvest norms.

**Accommodation:** Free accommodation that is clean, safe and meets basic needs is provided to the factory workers.

**The process unit** workers receive fixed wages as mentioned in their employment contracts, bonuses, many allowances that cover health & hospitalization, other ex gratia payments, are allowed extra leave as required, maternity & retirement benefits, employment provident fund benefits etc.

Generally all the workers benefit from strict Fair Trade procedures that are adopted by the employer.

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**Name and address of the exporter:**

**Phalada Agro Research Foundation Pvt. Ltd.,**

1<sup>st</sup> Floor, 92/5, Kannali, Magadi Main Road, Bangalore,  
Karnataka State, India

**For  
Phalaprada Farmer Society®**

**For the production of**

**Forest Garden products  
As per**

**The International Analog Forestry Network Standard**

**Inclusive of**

**EEC Regulation 834/2007 & 889/2008,**

**Bio diversity Indicators, Clean Environmental aspects & Fair Trade**

**as inspected & certified by  
FGP Inspection & Certification (Pvt) Ltd.**

Organic Production as per EEC Regulation 834/2007 & 889/2008  
is also certified by

Lacon Quality Certifications Pvt Ltd  
Licensee No : IND-3087 – 2009-N



**FGP Inspection & Certification (Pvt) Ltd.**  
[www.forestgardencertificatrion.com](http://www.forestgardencertificatrion.com)

**International Analog Forestry Network**  
[www.analogforestrynetwork.org](http://www.analogforestrynetwork.org)

Signed on behalf of :

**FGP Inspection & Certification (Pvt) Ltd.**

Deva Vikrantha

Certifier

Date: 5<sup>th</sup> February 2011

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