

# Annual Report 2011-12

**Satvik : Promoting Ecological Farming**

A 59, Changleshwar Society

Mundra Relocation Site

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## About Satvik ...

Satvik : Promoting Ecological Farming (Satvik) has been promoted by group of motivated organic farmers who came together share their excitement and their practice at the turn of the century later formalized in 2007.

The relatively low and erratic rainfall of arid regions, like Kachchh have challenged the indigenous populations to develop some of the finest crop and animal biodiversities - which have not only reduced risks to adequately feed their human and animals populations, but will in the future, prove to be critical in providing genetic material to face the challenges of climate change. Complex web of loops has been established that feed into one another wherein byproduct becoming primary inputs and the value chain takes place within the eco region. This has created efficiencies, economies and dependencies that promote strong and sustainable communities.

Satvik is reinvesting efforts in scientifically documenting their benefits; promoting their further development; reinstate a confidence and dignity amongst its farmer practitioners - towards self contained societies and economies that are self dependant for their food security and only export their surplus.

## Objective

To Promote, conceptualize, encourage, aid, organize, assist, support, facilitate, undertake various aspects of ecological farming techniques including distribution, promotion, marketing and trade of such produce, in its all forms, for strengthening of livelihood of marginal farming community and improvement in the health of the people irrespective of caste, class, gender, race and religion.

## Governing Board

Sr. No.	Name	Designation
1	Prof. Sukhpal Singh	President
2	Sh. Vijay Maganlal Shah	Vice President
3	Sh. Shailesh Mohanlal Vyas	Secretary
4	Sh. Shailesh Dayaram Gor	Treasurer
5	Sh. Manoj Purshotam Solanki	Governing Board Member
6	Dr. Yogendrasinh Jilubha Jadeja	Governing Board Member
7	Sh. Kapilkumar Jagdishchandra Shah	Governing Board Member
8	Sh. Sushma Iyengar	Governing Board Member
9	Sh. Sandeep Indu Virmani	Governing Board Member
10	Sh. Nanalal Hirji Satra	Governing Board Member

## Registration

- Society Act, 1861
- Bombay Public Charitable Trust Act, 1950
- Section 12 AA of Income Tax Act, 1961
- Section 80G of Income Tax Act, 1961
- Foreign Contribution Regulation Act, 1976

## Staff Profile

Sr. No.	Name of the Staff	Designation	Education Qualification	Relevant Work Experience
1	Shailesh Vyas	Co-ordinator	B. Sc. (Agriculture) Post Graduate Diploma in Ecology and Environment	18 Yrs.
2	Ramesh Makavana	Project Co-ordinator	B. Sc. (Agriculture)	8 Yrs.
3	Nikita Gor	Project Co-ordinator	B. Com.	11 Yrs.
4	Tanvi Baxi	Account Clark	B. Com.	2 Yrs.
5	Suleman Khoja	Filed Assistant	S. S. C.	6 Yrs.
6	Valimamad Theba	Filed Assistant	8 th Pass	6 Yrs.
7	Dinesh Rajgor	Office Assistant	4 th Pass	6 Yrs.

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# સાત્વિક અને શ્રી રામકૃષ્ણ ટ્રસ્ટ આયોજિત જાતે ખેતી કરનાર, શીખે સજીવખેતી

તાલીમ વર્ગ

## પ્રમાણપત્ર

આથી પ્રમાણપત્ર આપવામાં આવે છે કે

શ્રી પ્રફુલ્લ તુલસીદાસ તાબાપી

રહેવાસી ખંભાર

એ સમજ અને આપકતમાં પધારે કરવા સજીવખેતીના અનુભવી ખેડૂતો દ્વારા ગૌ આધારીત સમૃદ્ધ ખેતીની તાલીમ રસપૂર્વક ગ્રહણ કરેલ છે.  
એડ મારાની આ તાલીમ દરમિયાન સજીવખેતીના સિદ્ધાંતો, પદ્ધતિઓ અને બજાર વ્યવસ્થા સમજવા પડતવ્યો, પ્રત્યક્ષ કાર્ય અને પ્રવાસ જેવા માધ્યમોનો ઉપયોગ કરાયો હતો.  
તાલીમને અંતે થયેલ મૂલ્યાંકનમાં તેમણે મધ્યમ એડ મળેલ છે.

આ તાલીમનો ઉપયોગ કરીને તાલીમાર્થી સદ્ગુણ સજીવખેતી કરીને બીજાને પ્રેરણા આપવાની સમાજપ્રયોગી પ્રવૃત્તિ કરશે તેવી અભિવ્યક્તિના અને શુભેચ્છા.

તાલીમ અવધિ : ૧-૯-૨૦૧૧ થી ૧-૧૦-૨૦૧૧

તાલીમ સ્થળ : પિંતલ હાર્મ, કુકમા, જિ. કચ્છ

*Shamir*

ભિયામક

સાત્વિક : પ્રમોટીંગ ઇકોલોજીકલ હાર્મિંગ

(બિનાઈ બોર્ડી નંબર : ૧૪ / ૨૦૧ / ૨૦૧૦)

૨૬, વેકર્સ કોલોની, જયુથિલી ગ્રાઉન્ડ પાસે

ભુજ, જિ. કચ્છ.

ફોન નંબર : ૦૨૮૩૨ - ૨૫૪૮૭૨

*મ. પુરુષોત્તમ*

મેનેજિંગ ટ્રસ્ટી

શ્રી રામકૃષ્ણ ટ્રસ્ટ

(સે. એન. બોર્ડી નંબર : ૧૪ / ૨૦૧ / ૨૦૧૦)

પિંતલ હાર્મ, ગામકિયા કુંભરની પાછળ

કુકમા, જિ. કચ્છ

ફોન. નંબર : ૦૨૮૩૨ - ૨૬૦૮૮૨

## **1. Strengthening Sustainable Agriculture**

### **1.1 Studies and Research**

During the year Satvik has carried out following studies and research work.

- Neem plant has been recognized by organic farmers for its role in pest control. Various homemade recipes have been suggested for this purpose. However the science associated with this is usually not communicated to the farmers. This leads to adoption of wrong farming practices. Satvik team has undertaken a desktop research to develop understanding on Azadirachtin concentration in plant parts and in various suggested recipes for its effectiveness.
- Several farmers were making inquiry with Satvik about the suitable chaff cutter. Satvik team has made legwork to develop the understanding of pros and cons of various types of chaff cutters. For this purpose farmers of Madhapar and Zarpara village were visited. Trial run was carried out on Makavana Krishi Tririth, Sinugra for horizontal blade chaff cutter to work out its capacity.
- Looking at the potential of biogas, Satvik team has invested time to develop understanding on design parameters of biogas plant. Satvik has studied research papers and have visited operational and defunct biogas plants to understand the associated problems. Satvik has also studied biogas plant made from plastic by Price Plastic and Syntex.
- Khamir (Craft Resource Centre) had initiated work developing yarn from Kala Cotton fiber with local weaver. Looking at the small scale of their operations, they have expressed interest in developing captive Kala Cotton value chain. Satvik team has studied various options available for ginning and pressing of Kala Cotton fiber. Satvik has suggested model plan of operation for this purpose to Khamir. AJWS volunteer Ms. Shina has worked on this project with Satvik team.
- Satvik team has undertaken a desktop research to understand impact of various types of cattle feed on milk fat especially the fat composition. This was done with a view to develop a concept note on developing cattle feed from the locally available material.
- Sh Raj Parmar, student of M. Sc. (Climate Change) of Gujarat University has successfully completed his dissertation with Satvik on to Understand the Role of Market in Enhancing Adaptive Capacity of Farmers for Climate Change. Satvik team has provided necessary guidance and contact and has further helped him to develop his own understanding on this topic and designing of exercises.

### **1.2 Capacity Building**

#### **1.2.1 Compilation of Literature on Organic Farming for Training**

For training on organic farming, subject wise comprehensive literature in Gujarati language was not readily available. Satvik team has explored various education materials and literature on organic farming which were available in Gujarati language. Satvik team has reorganized these materials and made a subject wise compilation in the form of booklet.

Following reference materials were explored:

<b>Sr. No.</b>	<b>Reference Material Explored</b>	<b>Author/Publisher of Reference Material</b>
1	Sajivkheti Parichay Pustika	Kapil Shah
2	Sajivkheti – Sheetal Dharti	Sonaji Chauhan
3	Sajivkheti : Vichar thi Vyvahar Taraf	Hirjibhai and Godavariben Bhingradiya
4	Jamina Ma Datayala Dhan Ni Tarkib Thi Shodkhod	Hirjibhai and Godavariben Bhingradiya
5	Belda Nu Biju Bhandardu – Gopalan	Hirjibhai and Godavariben Bhingradiya
6	Jamin Pak Nu Bhanu	Hirjibhai and Godavariben Bhingradiya
7	Kothasuz Na Kimiya	Hirjibhai and Godavariben Bhingradiya
8	Jina Jivada Ni Moti Maher	Hirjibhai and Godavariben Bhingradiya
9	Vadi, Mol ane Mal – Rakhopa Thi Nyal	Hirjibhai and Godavariben Bhingradiya
10	Pani Prashne Dekhdiye Apanu Pani	Hirjibhai and Godavariben Bhingradiya
11	Pak – Pani Ne Nyaro Sambandh	Hirjibhai and Godavariben Bhingradiya
12	Vruksho Apana Kamau Bhandarda	Hirjibhai and Godavariben Bhingradiya
13	Kheduto Na Sathi – Sevak : Veli - Vruksho	Hirjibhai and Godavariben Bhingradiya
14	Poshak Kheti ane Sajiv Pak Utpadan	Kumudbhai Thakar and Rajendra Thakar
15	Krishi Vidya – Std. 8 to 11	Gujarat Rajay Shala Pathay Pushtak Mandal
16	Pashupalan ane Deri Vigyan - Std. 8 to 12	Gujarat Rajay Shala Pathay Pushtak Mandal
17	Khedut Margdarshika	Junagadh Agricultural University
18	Gay Adharit Krushi	Mansukhbhai Suvagiya
19	Arogya Nu Zarnu – Deshi Gay	Mansukhbhai Suvagiya
20	Sajiv Khatar – Vigya, Utpadan ane Upyog	Mahendrabhai Bhatt
21	Sajiv Mati	Keyur Gala
22	Adasiya Uchher Margdarshika	Keyur Gala
23	Bio Gas	Gujarat Agro Industries Ltd.
24	Vanaspatik Jantu Nashako	Dr. Kuvarnjibhai Jadav and Dr. Ashok Patel
25	Shakbhaji Ni Sajivkheti	Jatan

Following subject wise booklets were compiled:

<b>Sr. No.</b>	<b>Subject/Topic</b>
1	Concept of Organic Farming
2	Soil and Plnat Nutrition
3	Compost
4	Vermi Composting
5	Bio Gas
6	Liquid Organic manures
7	Green Manuring, Mulching, Mix Cropping and Crop Rotation
8	Seed
9	Animal Husbandry – Cattle Breeding
10	Ploughing, Sowing and Intercultivation
11	Irrigation
12	Salinity Management
13	Disease and Pest
14	Horticulture
15	Vegetable Growing
16	Planning of Boundary Plantation
17	Value Addition
18	‘Gau Padarth’ Value Addition
19	Package of Practice

### 1.2.2 Training

#### **One Month Training Programme on Organic Farming**

Two batches of one month training on organic farming were organized in September 2011 and March 2012. These training were organized in collaboration with Shri Ramkrishan Trust at Chintan farm Kukam. During the training besides classroom training and practical field exercises, 7 day exposure visit of organic farmers of Kachchh and Central Gujarat were also organized. As a part of one month training, special 3 day training camp was organized at Bhai Kaka Krushi Kendra, Anand to give participants to have firsthand experience of understanding organic farming from Shri Sarvadamanbhai Patel (an eminent organic farmer). Jatan (Vadodara), Bhakaka Krushi Kendra (Anand), NABARD and Akhil Gujarat Sajivkheti Samaj has provided support in its own way. For the March 2012 training batch NABARD has committed to provide partial financial support.

Following farmer and expert have acted as a resource person on various topics of the training.

Sh. Kapilbhai Shah, Jatan, Vadodara  
Sh. Vijaybhai Shah, Nu Tech Farm, Rayan (Mandvi – Kachchh)  
Sh. Dalpatbhai Danidhariya, Madhapar (Bhuj – Kachchh)  
Sh. Maganbhai Ahir, Nigad, (Anjar – Kachchh)  
Sh. Jethalalbhai Matang, Nu Tech Farm, Rayan (Mandvi – Kachchh)  
Sh. Sonaji Chauhan, Diyodar (Banaskantha)  
Sh. Manojbhai Solanki, Shri Ramkrishan Trust, Madhapar (Bhuj – Kachchh)  
Sh. Rajnibhai Patel, Modasa (Himmatnagar)  
Sh. Ashok Shah, Scientist - Biotechnology Expert, Valsad  
Sh. Veljibhai Bhudiya, Bhudiya Kesar Farm, Bhujodi (Bhuj – Kachchh)  
Sh. Muljibhai Bhalani, Sidsar (Bhavnagar)  
Sh. Shailesh Vyas, Satvik, Bhuj  
Sh. Ramesh Makavana, Satvik, Bhuj  
Sh. Gopalbhai Jantiya, Mamuara (Bhuj – Kachchh)  
Sh. Kanjibhai Bhanushali, Kukma (Bhuj – Kachchh)  
Sh. Ambavibhai Bhalani, Sondarada (Keshod – Junagadh)  
Sh. Valjibhai Marand, Sapeda (Anjar – Kachchh)  
Sh. Prakash Sharma, Prakash Bio Tech, Kukma (Bhuj – Kachchh)  
Sh. Ishwarbhai Patel, Dhavada, (Nakhtrana – Kachchh)  
Sh. Arvindbhai Gami, Madhapar (Bhuj – Kachchh)

Following farms and institutions were visited for the training.

Sh. Samatbhai Jada, Dharai (Chotila)  
Sh. Dineshbhai Patel, Sardar Patel Farm, Kathavada (Ahmedabad)  
Sh. Sravadamanbhai Patel, Bhai Kaka Krushi Kendra, Anand  
Jatan, Vadodara  
Vasundhara, Vadodara  
Bio-control Department, Anand Agricultural University, Anand  
Medicinal Plant Department, Anand Agricultural University, Anand  
Sh. Nareshbhai Solanki, Boriyavi (Anand)  
Sh. Purshottambhai Patel, Shekhadi (Petlad)  
Sarjan Bio Tech, Gada (Bhuj – Kachchh)  
CAZRI, Kukma, (Bhuj – Kachchh)  
Sh. Veljibhai Bhudiya, Bhudiya Kesar Farm, Bhujodi (Bhuj – Kachchh)  
Sh. Maganbhai Ahir, Nigad, (Anjar – Kachchh)  
Makavana Krishi Tirth, Sinugra (Anjar – Kachchh)  
Sh. Meghajibhai Hirani, Nani Nagalpar (Anjar – Kachchh)  
Castor Product Company, Cheerai (Bhachau – Kachchh)  
Sh. Valjibhai Marand, Sapeda (Anjar – Kachchh)

Vinsol Farm, Reldi (Bhuj – Kachchh)  
 Sh. Manojbhai Solanki, Madhapar (Bhuj – Kachchh)  
 Sh. Shaileshbhai Gor, Madhapar (Bhuj – Kachchh)  
 Sh. Vijaybhai Shah, Nu Tech Farm, Rayan (Mandvi – Kachchh)  
 Ratnapar - Mau (Mandvi – Kachchh)  
 Earth and Environment Science Department, KSKV Kachchh University, Bhuj  
 Sh. Ravjibhai Gorasiya, Sedata, (Bhuj – Kachchh)  
 SPM Farm, Punadi (Mandvi – Kachchh)  
 Sanjivani, Madhapar (Bhuj – Kachchh)  
 Sh. Ratilalbhai Khodiyar, Dabada (Anjar – Kachchh)  
 Sh. Kuvarjibhai Patel, Kodki (Bhuj – Kachchh)

In two batch of training following trainee have successfully completed training and certificates were awarded.

Sr. No.	Name	Village
1	Praful Lakhani	Pantiya (Anjar)
2	Vinod Jethava	Moti Nagalpar (Anjar)
3	Shivji Rabadiya	Mandvi
4	Meghaji Hirani	Nani Nagalpar (Anjar)
5	Valji Marand	Sapeda (Anjar)
6	Vijay Savla	Gandhidham
7	Ranchhod Gagal	Chaparedi (Bhuj)
8	Nitin Dholu	Kotada – Chakar (Bhuj)
9	Gopal Bariya	Fatepur (Vadodara)
10	Kiran Senghani	Bhuj
11	Amit Jobanputra	Madhapar (Bhuj)
12	Pachan Varchand	Amrapar (Bhachu)
13	Devraj Kothivara	Kukma (Bhuj)
14	Mamadrafik Mokarshi	Mokarshiwandh (Abdasa)
15	Kanji Bhanushali	Kukma (Bhuj)
16	Archan Ahir	Nigad (Anjar)
17	Devayat Ahir	Dhokavada (Santalpur)
18	Amrut Patel	Ramgadh (Dhangadhra)
19	Bharat Varchand	Dagada (Bhuj)
20	Ramji Barariya	Sapeda (Anjar)
21	Hargovind Kunpara	Kukma (Bhuj)
22	Virendrasinh Jethva	Madhapar (Bhuj)
23	Devji Varchand	Ukhamora (Bhuj)
24	Sambhu Khungla	Paddhar (Bhuj)
25	Raju Thakor	Sarsavadi (Viramgam)
26	Vijay Jadav	Ahmedabad
27	Ajay Brahmakshtriya	Gandhidham
28	Madeva Varchand	Mokhana (Bhuj)
29	Momaya Varchand	Mokhana (Bhuj)

### **Lectures**

Satvik team has delivered lecture on importance of rainfed cultivation to the class of selected students of IIT, Mumbai through Skype call.

### **1.2.3 Workshops**

- Facilitated Sristi, Ahmedabad to organize one day workshop at Chintan Farm, Kukma on 3/4/2011 on organic practices followed by farmers. 40 farmers have participated in this workshop.
- PARAB, Naliya team has expressed interest in biogas plant and chaff cutter. One day filed workshop was organized PARAB team on 28/4/2011. Visit of Castor Product Company (Cheerai), Makavana Krishi Tirth (Sinugra), Pankajbhai Dave's Farm (Sinugra) and Chintan Farm (Kukma).
- Sh. Ramesh Makavana of Satvik has participated in a workshop organized by Sardar Krishinagar Dantiwada Agricultural University on Climate Change Resilient Technique for Rainfed Farming at Dantiwada on 27/9/2011.
- Sh. Shailesh Vyas, Sh. Ramesh Makavana and Sh. Tanvi Baxi have participated in training workshop organized by Ford Foundation on Accounting, FCRA Act 2010 and Direct Tax Code at Ahmedabad on 29/11/2011 and 30/11/2011.
- Sh. Nikita Gor and Sh. Tanvi Baxi have participated in training workshop organized by Socio Research and Reform Foundation on Financial Management and Legal Compliances for NGO at Ahmedabad on 23/2/2012 and 25/2/2012.

### **1.3 Networking and Support**

#### **Working with RRA Network**

RRA Extended Core Group Meeting was organized during 7/12/2011 to 9/12/2011 at Bangalore. Sh. Shailesh Vyas from Satvik has participated in this meeting. The objective of the meeting was to share the progress had happened in last two years in the area of soil, seed, millet, hunger campaign, fisheries, water, SRI, communication, RRA governance, credit, institution and economic research unit. Future planning on these topics was discussed. In the meeting state imitative of Orissa, Karnataka and Jharkhand was shared. In this meeting concept of comprehensive pilot was also shared by core team.

To compare the subsidy on inputs to rainfed and irrigated farmers, Satvik has shared the data set with Prof. Kustav Banerjee of JNU, Delhi.

A training workshop was organized on developing proposal for comprehensive pilot during 31/1/2012 to 2/2/2012 at Hyderabad. Sh. Shailesh Vyas has participated in the training workshop. Sh. Ravindra and Sh. Himanshu Kulkarni have explained the concept and need of comprehensive pilot. Sh. Ravindra has further explained what is required to be covered in comprehensive pilot proposal.

Later a proposal was submitted to RRA Core Team to implement the comprehensive pilot in villages of Abdasa taluka. As Arid Communities and Technologies (ACT) is working in Abdasa taluka through PARAB it was decided that ACT should submit this proposal and Satvik should play a role as knowledge partner.

#### **Working with NPMi and Safe Harvest Network**

Sh. Shailesh Vyas has participated in a meeting organized at Delhi on 23/1/2012 to discuss the issues of market linkage, management, raising working capital and appointment of human resource for Safe Harvest. Sh. Shailesh Vyas has taken up the responsibility to find out the appropriate person who can handle the audit and certification work for NPMi. Later on during Hyderabad visit of

2/2/2012, Sh. Shailesh Vyas has visited Chetana Organic and shortlist one appropriate candidate and recommended to NPMi.

**Support to DPP Programme**

Kachchh Nav Nirman Abhiyan is implementing a drought proofing programme on strengthening livestock services. Shailesh Vyas of Satvik is a member of Steering Committee.

**Support to Akhil Gujarat Sajiv Kheti Samaj**

In collaboration with Jatan and Shri Ramkrishna Trust, 3 day exposure tour of organic farms of Kachchh was organized during 24/11/2011 to 26/11/2011. From various parts of Gujarat 100 farmers have participated in this exposure. On the last day training programme initiated by Satvik and Shri Ramkrishna Trust and conservation of traditional seed initiated by Satvik and Sh. Ambavibhai Bhalani were discussed. Participants have bared the expense.

## **2. Facilitation of Organic Certification and Forward Linkages**

- 524 farmers of Organic Rainfed Farmer Group of Bhachua and Rapar Taluka has transacted 600 MT organic castor worth Rs. 3.5 crore with Castor Products Company. Satvik has managed transaction certificates for the same.
- To transform Organic Rainfed Farmer Group of Bhachua and Rapar Taluka, from informal group into Producers Company, series of meetings and workshops were organized to develop the understating of farmers for various aspects like important features of Producers Company, identification of promoter directors and registration process. This process was organized in collaboration with Kachchh Nav Nirman Abhiyan.
- Satvik team has facilitated Castor Products Company for sourcing of organic mango stone. Castor Products Company has expressed sourcing of aflatoxin free organic groundnut. Farmers were identified and organized for this purpose and foundation seed was sourced to control the seed supply for this project. Organic package of practice for cultivation of organic groundnut was developed and explained to identified farmers.
- Till the year 2010-11, Satvik was managing organic certification for Organic Rainfed Farmer Group of Bhachua and Rapar Taluka, Mango Grower, Castro Grower Group and Castor Products Company's organic processing. As these groups were become familiar with organic certification system, during the year it was decided to handhold these groups to make them independent for this purpose. All the required data have been transferred and no objection certificates were provided to acquire organic certificate in their own name. Training for data management has been provided to ICS Co-ordinator of Organic Rainfed Farmer Group of Bhachua and Rapar Taluka, Mango Grower.
- Mango Growers organic certificate was in the name of ITC Ltd. No objection certificate was obtained from ITC Ltd. to continue these farmers' organic status. Satvik team has provided support in making application for organic certification and facilitated in the inspection. During the year 15 mango grower farmers have borne the certification fees and inspection expenses and have received organic certificates in their own name.

### 3. Conservation of Traditional Seeds and Seed Security : Anmol

#### 3.1 Initiation of Scaling up

Year 2011-12 was the beginning of scaling up phase and emphasize was give on grounding project activity with partners. Significant work was done for developing methodologies and institutional mechanism for seed security at group level. 11 partners have attempted seed production in 26 villages/groups for 320 farmers across Kachchh district. Ford Foundation has committed to provide financial support for these efforts for two and half year starting from April 2011.

As a part of seed work, it was planned to organize successful examples of local seed production based on traditional seeds at several locations across Kachchh. However in Kharif 2011 in large part of Kachchh, onset of monsoon was got delayed by two months. Hence numbers of successful example remain limited. Satvik has capitalized on these plots where crop has grown successfully to plan for Kharif 2012.

#### 3.2 Organizing Farmers

Satvik along with 11 partners have able to organize 320 rainfed farmers in 26 villages in Kharif 2011 for seed production.

<b>Name of Partner Organization</b>	<b>No. of Villages Covered</b>	<b>No. of Farmers Organized</b>
Kutch Fruit, Fodder and Forest Development Trust, Kothara	3	22
Sh. Vivekanand Research and Training Institute, Naliya	3	53
Parab, Naliya	6	18
Sh. Vivekanand Research and Training Institute, Mandvi	3	56
Saiyare Jo Sangathan, Nakhatrana	2	34
Ujjas Mahila Sangathan, Mundra	3	37
Pachchham Area Setus, Khavda	2	22
Boladi Setu and Kodki Setu	1	19
Bhachau Taluka Setus, Samakhyali	1	16
Adesar Setu	1	21
Cohesion Foundation, Rapar	1	22
<b>Total</b>	<b>26</b>	<b>320</b>

Besides seed production in Kharif 2011, Satvik has organized successful Demonstrations at 11 locations for 5 crops. This will help in scaling up seed multiplication activity in Kharif 2012.

New villages have expressed interest in traditional seeds. Instead of organizing demonstrations in their villages for selection of traditional cultivar in Kharif 2012, it was felt that they can make selection from the plots where seed production or demonstration is happening successfully. Totally 39 such visits were organized for various groups, detail is as below...

Crop	Plot under Seed Production	Demonstration Plot	Farm of Seed Breeder Farmer
Pearl Millet			Bhachau Setu KFFFD
Sorghum		All 11 Partner NGO	All 11 Partner NGO
Green Gram		Pachchham Setu SJS	Bhachau Setu
Cluster Bean	Pachchham Setu	Boladi / Kodki Setu UMVS	
Moth Bean		Pachchham Setu VRTI - Naliya	
Castor		Pachchham Setu Boladi / Kodki Setu UMVS SJS VRTI – Mandvi Adesar Setu	

### 3.3 Seed Character Mapping

Satvik is carrying out character mapping during Kharif seasons. This provides opportunity to make observations in natural conditions. This is not sufficient to note the drought tolerance capability of the particular traditional cultivar. Hence Satvik has planted all collected traditional cultivars of Pearl Millet and Green Gram in controlled irrigation condition in Summer at Sinugra village. Trial is under progress and will help to screen traits for drought tolerance capabilities.

In Khari village during seed production of Green Gram, farmers have observed that in their village farmer name Ugabhai also has traditional Green Gram cultivar which is performing well. Detail observation was made by Satvik team and farmers, and decided to scale up Ugabhai's Green Gram seed for their area. Similarly in quest of traditional Pearl Millet cultivar farmer groups organized by KFFFD in Abdasa Taluka have identified Vadilalbhai Pokar's traditional Pearl Millet cultivar. 3 groups have sourced 100 Kg. this seed from Vadilalbhai Pokar.

### 3.4 Seed Production and Multiplication

In Kharif 2011 successful seed production has happened with 19 villages/groups for Pearl Millet; Green Gram; Cluster Bean; Moth Bean; and Sesame. Seed production has happened in range from 2 Kg. to 600 Kg. Total 1347 Kg. seed produced. Satvik team along with partners has provided training on seed cleaning, storage, distribution mechanism and price fixation. Seed production detail is as below...

Crop	No. of Traditional Cultivar Sown	No. of Villages / Groups	No. of Farmers in Group	Seed Produced in Kg.	Fulfillment of Annual Demand
Pearl Millet	1	1	10	5	25 %
Green Gram	4	12	109	439	57%
Cluster Bean	3	3	41	723	142%
Moth Bean	2	2	34	120	67%
Sesame	1	1	9	60	133%
Total		19	203	1347	

Due to late onset of monsoon seed production remain limited. Looking at this Satvik has sourced 1000 Kg. seed of promising traditional cultivar of various crops from Seed Breeder Farmers. Satvik has undertaken seed production of Sorghum in irrigated condition in Summer 2012 at 6 locations. In

totality around 2500 Kg. seed is available for Kharif 2012 will provide seed to approximately 150 farmers.

### 3.5 Capacity Building

Seed Breeding Farmers (SBF): Satvik has carried out on field training of SBFs on enhancing and maintain genetic and physical purity of their seed stock. Satvik has provided this training for 36 traditional cultivars belonging to SBFs. In this training issues of cross pollination, rouging (off type plants) and physical contamination at the time of harvesting and post harvest handling were discussed. Detail of training is as below...

Crop	Total SBFs	No. of SBFs Trained
Pearl Millets	18	5
Sorghum	11	6
Green Gram	19	11
Cluster Bean	8	5
Moth Bean	5	4
Sesame	5	3
Castor	5	2
Total		36

Representative of Partner: To built understanding of field team on works of Anmol programme, importance of seed diversity, locally suitable seeds, local seed production & distribution system in context of monopolization of seed by corporate. The objective was that the team realizes the importance of work they are doing in the larger context. For this purpose discussion series was organized with Sh. Kapilbhai Shah (Satvik's trustee well verse with these issues).

Satvik has organized exposure visit at Sh. Ambavibhai Bhalani's farm in Saurashtra area. Sh. Bhalani was associated with wheat research (Lok 1 variety) at Lok Bharati – Sanosara. He has continued his work on wheat improvement at his own farm. In his farm he is propagating more than 300 wheat variety. The objective of this visit was to learn how farmer can do crop improvement and do produce pure seed. Team has learnt an important lesson that crop improvement and pure seed can began at a smaller scale.

Satvik Team: Satvik team along with two trustee have visited BIAF's project area at Jawahar (on boundary of Gujarat in Maharastra). In Jawhar BAIF is implementing similar type of programme with paddy and small millets. The purpose of the visit was to understand process undertook by BAIF and quantum they have reached. It was interesting to note that process adoptee and quantum reached by BAIF is similar to Satvik. This has raised the confidence of Satvik team.

## 4. Financial Report

### Satvik : Promoting Ecological Farming

Public Charitable Trust Reg. No. F-1541/Kachchh & Society Reg. No. Guj/1355/Kachchh

#### Balance Sheet as on 31.03.2012

Particular	Annexure	As on	As on
		31-Mar-12	31-Mar-11
<b>Funds &amp; Liabilities</b>			
Trust and Corpus Funds	A	1,610,129.00	1,609,119.00
Income & Expenditure Account	B	96,759.00	273,903.00
Current Liabilities	C	1,622,118.11	73,254.00
<b>Total</b>		<b>3,329,006.11</b>	<b>1,956,276.00</b>
<b>Assets &amp; Properties</b>			
Net Block of Fixed Assets	D	1,457,161.00	1,465,910.00
Investments	E	1,600,000.00	-
Current Assets	F	271,845.11	490,366.00
<b>Total</b>		<b>3,329,006.11</b>	<b>1,956,276.00</b>
Notes forming part of Accounts	N		

For Satvik: Promoting Ecological Farming

Shailesh Vyas  
Secretary

Place : Bhuj  
Dated :

25 JUL 2012

As per our report of even date  
For H.Rustom & Co.  
Chartered Accountants  
Firm Reg. No. : 108908W

HRD Dalal  
Proprietor  
Membership No. 31368

Place : Ahmedabad  
Dated :

25 JUL 2012

**Satvik : Promoting Ecological Farming**

Public Charitable Trust Reg. No. F-1541/Kachchh &amp; Society Reg. No. Guj/1355/Kachchh

**Income & Expenditure Account for the Year Ending on 31.03.2012**

Particulars	Annexure	31-Mar-12	31-Mar-11
<b>Income</b>			
Grants & Donations	G	2,645,188.89	3,000.00
Other Income	H	91,110.00	2,129,578.00
Interest Income	I	85,956.00	88,774.00
Excess of Expenditure over Income	B	177,144.00	274,250.00
<b>Total</b>		<b>2,999,398.89</b>	<b>2,495,602.00</b>
<b>Expenditure</b>			
Expenditure on objects of the trust	J	2,128,324.00	1,923,786.10
Contribution to Charity Commissioner	K	43,288.00	32,025.00
Establishment Cost	L	313,486.89	204,837.90
Remuneration to Trustee	M	503,874.00	261,100.00
Depreciation	D	10,426.00	19,885.00
Transfer to Corpus fund	A	-	53,968.00
<b>Total</b>		<b>2,999,398.89</b>	<b>2,495,602.00</b>
Notes forming part of Accounts	N		

For Satvik Promoting Ecological Farming

Shailesh Vyas  
Secretary

Place : Bhuj

Dated : 25 JUL 2012

As per our report of even date  
For H.Rustom & Co.  
Chartered Accountants  
Firm Reg. No. : 108908WHRD Dalal  
Proprietor  
Membership No. 31368

Place : Ahmedabad

Dated : 25 JUL 2012





### **Satvik : Promoting Ecological Farming**

A 59, Changleshwar Society

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