



Mayank Gandhi



Global Vikas Trust

A mission to transform India by increasing every farmer's annual income from Rs. 30,000 - 40,000 to Rs. 1,00,000 per acre per annum.

Monthly Report-September 2022

Partners



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**IDZ
DIGITAL**





B.C. JINDAL FOUNDATION



OUR EDUCATIONAL PARTNERS



DR. BANASAKAR TECHNOLOGY (AGRO) PVT. LTD



Our Overall Progress

Worked in

2,419
Of villages



200+
Tehsils



24
Districts

3
States

Impacted

65,000+
Individuals



15,000+
Farmer families



18,000+
Acres of land



Update From This Season

(Jan - Sept 2022)

Plantation Done

14,805,275

from Jan - Sept 2022



16

Types of plants



25,666,733

in 3.5 years



Capacity Building

900

Helpline Calls



2211

Farmer trainings



3500+

Farmers mobilized





Vision & Mission



Vision

Make India a global superpower again.



Mission

Ensure that every farmer in India earn a minimum of Rs. 1 lakh per acre per annum.

Expand on our proof of concept model using scale, speed, and focus.

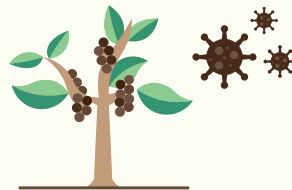


Our Targets for 2022

3 Crore Fruit Tree Plantations

Overcoming Challenges

- **Rainfall and Logistics-** Delivering saplings in rural India becomes challenging during the monsoons due to the dilapidated conditions of roads, and due to the increase in viral illnesses. Despite these challenges, our team has managed to stick to its targets and successfully deliver a 4,41,840 number of saplings throughout this month.
- **Virus-** Viruses are one of the main reasons for crop failure and a sub-standard harvest. Treating viruses can be challenging, as our window of opportunity is usually very small. Despite all of these factors, we have been extremely successful in dealing with viruses. Some of the viruses we successfully fought off were the CMV virus for bananas and the Root Rot virus for Mogra.
- **Weed and pests-** The first rains are usually the start of the harvest season, and weeds grow on empty soil and leech of the nutrition. Hence the elimination of weeds is a vital task that we successfully accomplished this month.



From my heart

Roger Crawford once said, "Being challenged in life is inevitable, being defeated is optional."

After years of fighting the drought, comes the deluge. Farmers need to find new tools to face this new challenge.

The heavy rains across the nation pose a significant challenge to the farmers. Torrents of unseasonal rain lead to water logging, which can lead to stunting of growth and can also facilitate the growth of bacteria and fungus. These rains can also promote the growth of several insects, who act as vectors in spreading viruses from plant to plant. There is also the question of heavy rain affecting logistics, causing delays in plant deliveries, and this can also prevent our team from reaching the field to help a farmer.

I am pleased to say that our team has been reasonably successful despite the challenges that they faced. Their alertness, planning, and dedication to achieving their goals have ensured that every farmer has received assistance in saving their crop from disease. Be it the CMV virus or root stunting, our team has been helping the farmers and ensuring they salvage the harvest.

We hope that their efforts lead to a large-scale multiplication of farmer incomes this harvest season.

Jai Hind

INDIA CAN WAIT NO MORE

Mayank Gandhi



Managing Trustee & Founder
Global Vikas Trust



Monthly Activities

01 Waghala School

02 Farmer Training

03 CMV Virus

04 Cluster Surveys

05 Public Meeting in Kachchh

06 Farmer Success Story

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10 Did You Know- Bananas

Donating School Desks to S.S.B.B Primary Residential Ashram School, Waghala



Global Vikas Trust donated 20 desks to the students of Shri Sant Bhagwan Baba Primary Residential Ashram School, Waghala, in Parli.

GVT has always been committed to undertaking projects for the improvement of rural India, not just in the field of agriculture, but also in education, social upliftment, and water conservation.



The youth are the future of India. Only by educating the youth can we ensure that they prosper, and in turn lead to a better future for India. GVT's efforts to provide basic infrastructure to schools in Parli is essential for the establishment of quality educational facilities in Parli.

Farmer Training for prevention from CMV & Sigatoka in MP

These are a few glimpses of the farmer training currently taking place in Madhya Pradesh. The training includes helping farmers prevent their crops from being infected by CMV & the Sigatoka fungus.

The training is been currently carried out in areas like Malwada, Bagud, Kari, & Ajnad, etc inside the district of Barwani by the Madhya Pradesh Team.

Due to frequent farmer training and constant communication between agronomists and farmers, GVT is doing its best to ensure that the productivity of our farmers increases. Our training programs are critical in ensuring that farmers improve their agriculture practices.



CMV Virus - What Is It?

Cucumber mosaic virus (CMV), is a virus that affects multiple species of plants. In fact, it is so highly transmissible that it has the reputation of being the virus that has the widest host range of any plant virus in the world. It can be transmitted from one plant to another by insects, seeds, coming into contact with the sap of an infected plant, or even by parasitic weeds.

There is no cure for this virus, hence treatment generally includes ensuring that the virus doesn't spread from one plant to the next. and treatment measures taken to stop insects from spreading the virus.



Cluster Surveys in Parli, Beed

The team of Global Vikas Trust has been conducting Cluster Surveys in the Parli, Beed region. Our Agronomists have been visiting fields to help farmers resolve any doubts that they may have about their crops. With the help of the information gathered during these surveys, our agronomists are able to identify various issues faced by farmers. Their important advice and constant guidance ensure that our farmers get better yields and successful harvests.



Public Meeting in Kachchh



Since the start of the Global Kachchh project, our team has surveyed 150 villages, implemented water harvesting in 33 villages, and created 17.9 crore liters of water capacity. The coming years promise much, much more.

Before we start Phase 2 of our project, we have been having public meetings with various stakeholders in the regions that we plan to work in. our goal is to work together to transform kachchh and solve the Water Security issue of the region once and for all. Is history being created?

Star Farmers of September



Shown here are Manoj Kumar Shroff, and Narayan Beldar, two of our star farmers, with some of the bananas they harvested recently. They planted them in June of 2021, and have harvested bananas from over 6800 plants since then!

Previously, they used to grow cotton in his fields and earn a profit of roughly 63,000 per acre. Their recent banana harvest is selling for Rs 1400 per quintal, netting them a tidy profit of Rs 4,18,800 per acre! Having multiplied their income by more than 6 times, Manoj and Narayan are extremely happy with their new crops! We certainly hope that this is just the start, and that they continues to have more successful harvests in the years to come!

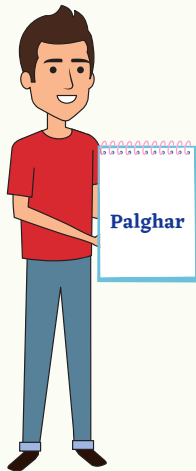




Do You Know?

- The scientific name for the banana genus is 'Musa'
- There are over 1,000 types of banana species, half of which are inedible
- Bananas come in 6 colors; red, pink, purple, black, green, and yellow
- A bunch of bananas is called a hand, a single banana is called a finger
- Bananas are a good source of K, fiber, vitamin C and B6, and other oxidants.
- Bananas can help to lower blood pressure and protect heart health due to high potassium and low salt content.
- Bananas are more effective than sports drinks when it comes to replenishing electrolytes
- Banana fibres were originally cultivated to be used as cloth. Nobody used to cultivate them for food!

Agronomist Report GVT- Palghar.



Due to the recent bout of heavy rains, there has been a risk of stunted growth in our crops. Water logging in the fields increases the risk of diseases due to bacteria and fungi. Our team has been monitoring the situation, and training farmers on how to counter these diseases on our daily field visits.

While all crops can be affected by these issues, there is a severe risk to the growth of the Mogra crop.

Another problem with heavy rains is that the water leeches the nutrients in the soil, and can trigger nutrient deficiency, thus affecting crop growth and immunity.

GVT Palghar plans to tackle this situation by rescheduling fertilizers management.

We also recommend root-promoting products and nutrients to counteract root stunting.

We are recommending Preventive fungicides and other grades as per the situation and Foliar fertilizer application to ensure a speedy recovery.

Agronomist Report Sep 2022 , GVT Palghar (continued)

We have Specially organized staff training for Coconut, since this is the new crop we have introduced, and we have made a few changes in pre and post-plantation techniques for coconut. Our team is ready to train farmers on coconut plantation.

We have also been conducting studies on Gokrupa Amrut in our office and nursery. We will share the full study and observations with the GVT family soon.

It is forecasted that post-monsoon may also affect the crops in Palghar this year, so we are keeping an eye on weather forecasts. We will work on October's plan and technical topics accordingly.



Through Global Parli's initiatives, 'Vimaltai Rathod Prath Ashramshala Naikanagar Tanda (Goverdhan), Parli Vajinath, Beed School was given a Samsung Smart (LED) TV and a Lenovo Laptop,

Mr. Shyam Sir and the team from Global Vikas Trust were present on this occasion. This is just the most recent way by which we have supported education in Parli and other areas in India.

GVT Supports Vimaltai Rathod School



Did You know?

Leading producers of bananas worldwide in 2020, by country (in thousand metric tons)

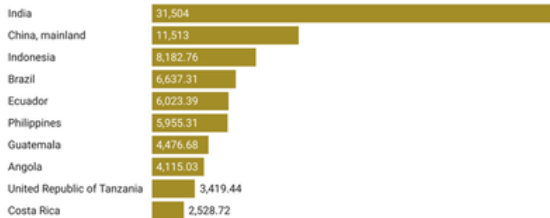


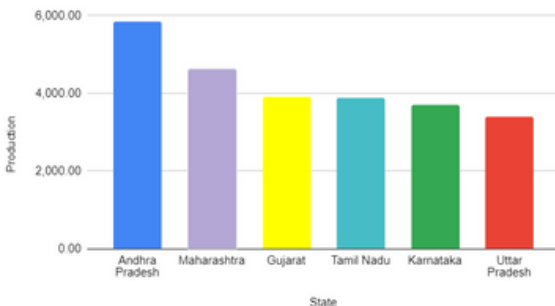
Chart: Created by Mappr • Source: Statista • Created with Datawrapper

India is the world's largest producer of bananas in the world, producing 31,500 thousand metric tons of bananas in the year 2020.

The average per capita banana consumption in India was 17.7kgs per capita in 2019.

Bananas added approximately 346 billion rupees to our economy in the year 2019.

Production vs State



Despite being the largest producer in the world, India still imported \$495,000 worth of bananas in 2020. We imported bananas mainly from the United Arab Emirates, Ecuador, Iran, South Africa, and the United States of America.

THANK YOU



You can connect with us at

 connect@globalvikastrust.org

To know more, watch Transform India, a short film on Youtube.