

# Results and Testimonials

*( All pictures and data are real, collected by our team during field work, more details can be provided on request)*



Calcium Magnesium Granules made from the latest technology to balance soil pH and provide essential minerals for the uptake of manure



An innovative product of

**TATTVA HICAL AND COMPOUNDS Pvt. Ltd.**

Technology Partner



[www.calcifert.co.uk](http://www.calcifert.co.uk)

Partnered with



[www.iitk.ac.in/invent/](http://www.iitk.ac.in/invent/)

# MINSHAKTI IN COFFEE



- ~ 70 Tons of Material to more than 60 Planters supplied in last six months in Malnad and Codagu areas of Karnataka
- Several repeat orders and positive feedbacks
- Formal trials ongoing at Cafe Coffee day

**Planter Feedback:** Despite 200 inches of rain this year, due to slow release nature of MinShakti, the soil was able to hold the nutrients longer which helped in better yields. The droppings observed were significantly less than last year



# MINSHAKTI IN BLACK PEPPER



- Prominent planters in Mudigere, Chickmangluru and Codagu have testified the gains
  - Mr Basav Raj in Mudigere used 1 Ton in Black Pepper wines and got good copious yield
  - Mr Bose Mandana in Codagu has testified the better performance
  - Mr Bharat in Mudigere has observed lesser dropping in the area MinShakti was applied
- Mr Nanda in Mandagadde, Shimoga used **100 gm of MinShakti along with Complex fertilizers** per wine and testified that plant response is very good and it costs cheaper than the traditional method of applying Lime and fertilizers separately
- Supplied to around 30 Black Pepper planters via Black Gold League and expecting good overall feedback in next six months



# ARACANUT PLANTATIONS: SHIVAMOGGA



***Area targeted :Areca Belt in Shivamogga, Uttar Kannada, Dakshin Kannada.***

- Informal trials conducted by Areca research center at Theerthahalli : positive feedback of longer term pH control as compared with traditional Lime.
- MinShakti adopted by at least 5 progressive farmers in Shivamogga. Testimonial available from Mr JayaChandra in Mandegadde
- Better plant health well being of the plants noted, Yield increase will be estimated on annual basis



# PADDY GROWTH WITH MINSHAKTI CAN BREAK ALL RECORDS



- Formal and documented trials by University of Horticulture and Agricultural , Shivamogga (Karnataka Gov) showing 29% more yield
- Trial done in govt. field in Bharmavara
- Follow up trials in progress
- Detailed report available to share

- Farmer in Shivamogga: Ashok/ Savya Sachi (Renowned farmer)
- Used to get regularly 60 Quintals in 5 Acres, Got 110 Quintals after MinShakti application

Farmer in Shivamogga



Remarkable improvement noted in Hosur

- Around 100 acres of Paddy farming using MinShakti in Neutral Soils in Hosur surrounding areas.
- Very positive trend in growth and greenness
- Yield results will be known by Nov



# VEGETABLES CROPS : HOSUR AREA (NEUTRAL SOILS), RECOMMENDED APPLICATION 75 KGS / ACRE



## Carrots

- Farmer Gopal: Avalapally Hosur.
- Growing Carrots for last ten years, Normally 650 Bags in 8 acres
- After using MinShakti got 800 bags and better quality of crop
- Gained 30% in total Sales value



## Bitter Gourd

- Farmer : Thimayappa, Hosur
- Applied 3 Bags in 1 acre
- Leaves were greener in development stage and soil remained aerated : (Feedback from agri consultant , Babu)
- Crop yield at least 20% more and better quality fruits



# MINSHAKTI FOR TEA PLANTATIONS IN SOUTH INDIA



Balanoor Tea Estates

- Also initiated early work with North East, samples and literature send to Tea estate in Darjeeling area

- MinShakti tested by 5 Small tea farmers in Ooty, Very positive feedback by Mr Bhogana a renowned farmer in Ooty
- Informal Trial initiated by Balanoor Tea Estates in Ballehennur, Karnataka
- Working with Valparai Tea Research Foundation to do formal trial, ( funds shortage)
- Discussions initiated with large Tea Estates, requires tests and approvals from TRF to initiate Supplies
- Establishing of Value addition like Labor savings, lesser quantity to be analyzed further

# GHERKINS : CONTRACT FARMING FOR EXPORTS

With Fertilizer, Without  
MinShakti



With Fertilizer, With  
MinShakti



Sivamogga, Karnataka



Anchetty, Tamil Nadu

- ~ 25 organized export oriented companies in Karnataka and TN
- Intensive Cropping (3 Months crop)
- Inputs, seeds and pesticides are approved by Global regulations
- Including MinShakti in the Input increases yield and quality of Gherkins while the fertilization can be reduced by 30%
- Totally 8 Tons material supplied to 3 companies so far. (Shivamoga, Anchetti and Kanakpura)
- Results:
  - Healthier plant (30 -50% growth)
  - Better yield (up to 50% more yield)
  - Better quality fruits
- References:
  - Mr Savya Sachi, Shivamogga, Karnataka
  - Murari Agro Tech, Vardapuram, TN
  - Indian Agro Exports, Kanakpura





## VEGETABLES CROPS : HOSUR AREA (NEUTRAL SOILS), RECOMMENDED APPLICATION 75 KGS / ACRE



### Tomato

- ~ 25 Farmers in Hosur and Sarjapura areas
- Better quality crop, reduced instances of Bottom End Rot
- Unfortunately the Tomatoes prices crashed ( 2 Rs /Kg) in Karnataka / Tamil Nadu, leading to losses



### Cabbage

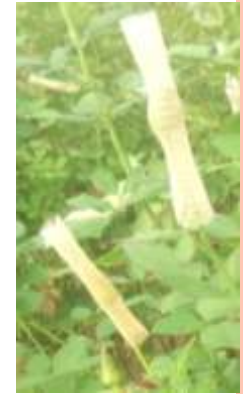
- Tried by around 20 farmers in Hosur Taluka
- Generally Positive feedback
- Testimonial available from Prakash Reddy,



# FLOWERS CULTIVATION



Rose in Poly House near Hosur, larger bud size and healthier plants





# SUGAR CANE : A LARGE CASH CROP, LARGE POTENTIAL



- Sugar Cane crop is a large consumer of fertilizers and nutrients, hence balancing of soil by Calcium and Magnesium will benefit
- ~ Trials done at 5 farmer fields ( ~ 10 acers)
- Better growth, thicker shoot and Greener leaves observed
- Formal trials will be done with Ponni Sugars, Erode starting December 2018





# MAIZE : A LARGE FOOD CROP WITH LARGE POTENTIAL



- A field trial by MSc student in Hassan
- 2 Farmer feed backs in Shivamogga : Positive
- More work needs to be done

## **Ground Nut:**

- Work in Progress, expecting a good feedback at a field in Magadi

## **Potato:**

- Field trials at farmers fields in Hosur and informal trials by Potato research center in Ooty are in progress, expect results by December



# FODDER GROWTH FOR BETTER MILK AND DAIRY ANIMALS HEALTH



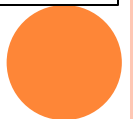
- Magadi farmer Mr N Murthy reported 2 liters milk production increase and higher SNF quality
- Mysore Farmer Mr Ramana Naidu reported much better quality fodder
- Calcium and Magnesium is extensively used by Dairy farmers globally to get better yields. Data from UK is available to us.
- Need to establish the practice of applying dolomite granules in India, to be discussed with Organized dairy farms



# GOLF COURSES AND TURF MANAGEMENT



- After initial testing of granulated Dolomite, We have supplied 1Ton of MinShakti to Zion Hills in Kolar. (Golf County)
- Feedback from Mr Nagabhushan, operations manager:
  - Traditional Dolomite could not have been used
  - The Grass Tips have come out much stronger and Greenness is better
  - Supplied small sized granules to allow better spread and lower visibility
- Trials also initiated in Mysore Golf Course, results by Dec 2018





**Our objective is to Reach the farmers at an affordable cost and easy availability**

