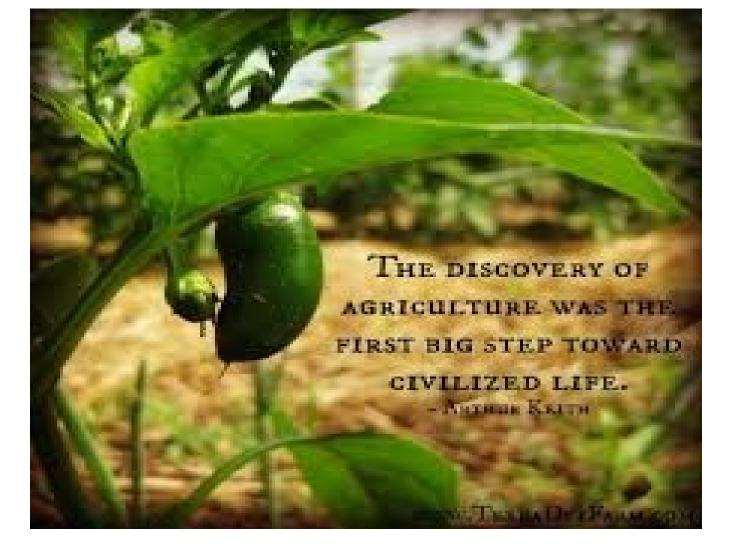
## **SAVITRI FOUNDATION** (A SOCIAL ORGANIZATION IN THE SERVICE OF FARMER)

PROJECT ON IMPROVEMENT OF SOCIO ECONOMIC STATUS OF FARMERS THROUGH IMPLEMENTATION OF IMPROVED AGRICULTURAL PRACTICES YEAR OF STARTING 2016 - 2017 ADOPTED VILLAGE CHAMPATI, PADMAPUR PANCHAYAT, SALEPUR BLOCK, CUTTACK



# **BACK GROUND**

- 1. Farmer Ref Tgrowing Rice Variety-Pratikhya of
  - 145 duration, during kharif as transplanted crop
- 2. The crop was used to be harvested by 1<sup>st</sup> week of December
- **3. Maximum grain yield of the crop was 37 Quintal / hectare**
- 4. Rice was followed by sowing of green gram
  - as rain fed crop withought proper management practices.
- 5 Vield from green gram was recorded

# **BASIC PROBLEM**

- 1. Most of the farmers are cultivating the land on leased basis
- 2. Farmers are not following standard methods of cultivation
- 3. Soil type is sandy loam having a hard clay pan at 5" soil depth resulting slow microbial activity
- 4. Low water holding capacity of soil



- vast patch of plain land surrounded by 5 villa
- High water table
- nplementation of technological interventions or improvement in crop yield
- Soil is suitable for better land use efficiency

# **PROJECT PLAN**

- eak hard clay pan by ploughing with tractor mounted B plough during summer (April-May)
- evelop infrastructural faculties for use of farmers
- ovide irrigation through lift irrigation
- opping pattern to be followed as :
- short duration (120 days) rice during kharif followed vegetable cultivation (winter & summer)
- chnological gap during cultivation of each crop to be minimized.

# VITRI FOUNDATIO ILDING AND FARM POWER UNIT

#### PEN AND COVERED HRESHING FLOOR NDER CONSTRUCTIO



RICE SEED TREATMENT WITH VITAVAX POWER



# RAISED NURSARY BED

#### EEDLING GROWTH FTER 5 DAYS OF SOWING THE SEE N LINES

## SEEDLING GROWTH AFTER 8 DAYS OF SOWING THE SEE N LINES



#### SEEDLING ROOT DIP TREATMENT WITH CHEMICAL MIXTURE

#### FINAL PUDDLING OF LAND FOR TRANSPLANTING

### LINE TRANSPLANTING OF SEEDLING Straight planting of two seedlings/hill)

# INE TRANSPLANTING

SCIENTIST AND FARMERS JOINTLY EXAMINING PLANTS

•



#### MERS DISCUSSING THEIR PROBLEM WITH SCIE



## MONITORING OF PASTE USING PHEROMEN TRAP

#### PLANT GROWTH AT 20 DAYS OF TRANSPLANTING

#### SCIENTIST OBSERVING PLANT GROWTH AT FIRST FLOWRING STAGE

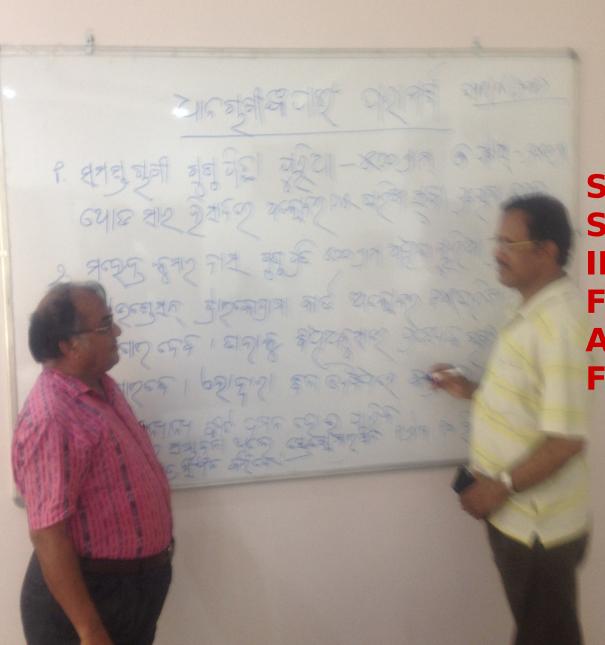
#### SCIENTIST OBSERVING PLANT GROWTH AT FIRST FLOWRING STAGE



COMPARASION OF PLANT GROWTH BETWEEN IMPROVED AND NORMAL RICE CULTIVATION



#### **VIEW OF FOUNDATION RICE CULTIVATED AREA**



SCIENTIST WRITE SPECIFIC INSTRUCTION FOR THE FARMERS AFTER THEIR FIELD VISIT

## PLANT AT FULL FLOWERING STAGE

Close interaction with farmers and scientists can expose the chef to new flavours that can be used to delight diners.

Rene Redzepi





#### **PERIODIC FARMER SCIENTIST INTERACTION**

#### ASSESMENT OF OTENTIAL PRODUCTION

#### PLANT AT 50% MATURATION STAGE



#### **TE FARMERS VISITING RICE FIELD OF SAVITREE FOUND**

## ARMERS OBSERVING HE YIELD ATRIBUTIN CHARACTER OF RICE VARIETY-NAVEEN



#### OFFICERS OF THE STATE AGRICULTURE DEPARTM CARRYING OUT CROP CUTTING ON 22.10.2016



STATE DEPARTMENT OF AGRICULTURE PERFORMING CROP CUTTING FROM 25 Sq.m AREA WHICH RECORDED ALL TIME HIGH DRY YEILD

"Striving for success without hard work is like trying to harvest where you haven't planted." -David Bly runningthroughlife.com

