

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**



THE DISCOVERY OF
AGRICULTURE WAS THE
FIRST BIG STEP TOWARD
CIVILIZED LIFE.

- ARTHUR KEITH

STUDYDRIVE.COM

BACK GROUND INFORMATION

- 1. Farmers were growing Rice Variety-Pratikhya of 145 duration, during kharif as transplanted crop**
- 2. The crop was used to be harvested by 1st 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 without proper management practices.**
- 5. Yield 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**

SCOPE

vast patch of plain land surrounded by 5 villages

High water table

**Implementation of technological interventions
for improvement in crop yield**

Soil is suitable for better land use efficiency

PROJECT PLAN

**break hard clay pan by ploughing with tractor mounted
B plough during summer (April-May)**

develop infrastructural faculties for use of farmers

provide irrigation through lift irrigation

cropping pattern to be followed as :

**short duration (120 days) rice during kharif followed
by vegetable cultivation (winter & summer)**

**technological gap during cultivation of each crop
to be minimized.**



SAVITRI FOUNDATION BUILDING AND FARM POWER UNIT



**OPEN AND COVERED
THRESHING FLOOR
UNDER CONSTRUCTION**



RICE SEED TREATMENT WITH VITAVAX POWER



RAISED NURSARY BED



**SEEDLING GROWTH
AFTER 5 DAYS
OF SOWING THE SEE
IN LINES**



**SEEDLING GROWTH
AFTER 8 DAYS
OF SOWING THE SEED
IN LINES**



**UPROOTING OF
SEEDLING
AFTER 28 DAYS
OF GROWTH**



SEEDLING ROOT DIP TREATMENT WITH CHEMICAL MIXTURE



**FINAL PUDDLING
OF LAND
FOR TRANSPLANTING**



LINE TRANSPLANTING OF SEEDLING

**(Straight planting
of two seedlings/hill)**



LINE TRANSPLANTING OF SEEDLING



**SCIENTIST
AND
FARMERS
JOINTLY
EXAMINING
PLANTS**



FARMERS DISCUSSING THEIR PROBLEM WITH SCIENTISTS



MONITORING OF PASTE USING PHEROMEN TRAP



**PLANT GROWTH
AT 20 DAYS OF
TRANSPLANTING**



**SCIENTIST OBSERVING
PLANT GROWTH
AT FIRST
FLOWERING STAGE**



**SCIENTIST OBSERVING
PLANT GROWTH
AT FIRST
FLOWERING 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



ASSESSMENT OF POTENTIAL PRODUCTION



**PLANT AT 50%
MATURATION STAGE**



THE FARMERS VISITING RICE FIELD OF SAVITREE FOUND



**FARMERS OBSERVING
THE YIELD ATTRIBUTING
CHARACTER OF
RICE VARIETY-NAVEEN**



**OFFICERS OF THE STATE AGRICULTURE DEPARTMENT
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**

OF 52.6 Q/L FOR A 120 DAYS DURATION KHARIF RICE



*"Striving for success
without hard work
is like trying to
harvest where you
haven't planted."*

-David Bly

runningthroughlife.com



If You Ate Today...

**THANK
A FARMER**