

Greening of the gray area through Cluster Demonstration of Rabi-Summer Groundnut in Red & lateritic areas of Paschim Medinipur District.

The name of the village is ANKRO, It is situated at Binpur –I Block (Lalgarh) of Paschim Medinipur District. This village belongs to 139 no of tribal farm families and they are totally backward cast, which depend upon rain fed farming and small production system. Only Aman paddy would grown during kharif season and 2 ha land used for double crop with minimum profit from use of pond as irrigational water. Average yield was received Rs38q/ha, total income was Rs38500.00 and net income was Rs18000.00 .

After motivating by Seva Bharati Krishi Vigyan Kendra they have created awareness themselves and organized a Farmers Club and underwent the training programme in crop production. They have arranged irrigational resources and planned to cultivate the groundnut in rabi-summer season in more area. Nearly 15 ha area they were cultivated the Groundnut under supervision of Krishi Vigyan Kendra.



• Description of groundnut production

- | | |
|----------------------------|--------------------------------|
| 1. Total area covered- | 15ha |
| 2. No of farmers involved- | 65 |
| 3. Variety- | TG-37-A |
| 4. Yield- | 26q/ha |
| 5. Gross income- | 104000.00 |
| 6. Gross Production- | 390q (15 ha) |
| 7. Gross income- | 15,60,000.00 |
| 8. Net income- | 7,50,000.00 |
| 9. BC ratio- | 2.08 |
| 10. Man days created- | 925(15ha) |
| 11. Soil health- | Improved as legume crop grown. |

• Cropping Pattern

- | | |
|----------------------------|--------------------------------------------------|
| 1. Before Implementation - | Paddy (48ha)- Mustard (2ha)- Fallow. |
| 2. After Implementation- | Paddy (48ha)- Groundnut (15ha)- Vegetable (10ha) |

The whole village found away for receiving income in a short time with use of minimum irrigational water after aman paddy. The neighboring village also motivated to grow groundnut by seeing the crop from Ankro village and brought socio-economic changes from that effort.