



AGA KHAN RURAL SUPPORT PROGRAMME (INDIA)  
A PROGRAMME OF THE AGA KHAN DEVELOPMENT SERVICE

## SRI EXPERIENCE

AKRSPI

By:-

Rajib Kumar Roul

9th-10th Floor, Corporate House, Opp. Dinesh Hall, Off Ashram Road, Ahmedabad-380 008 Gujarat, India  
Tel. : (91-79) 6631245/161 Fax : (91-79) 6631247 E-mail : mail@akrspi.org  
Registered Office : Sanskrit House, 2nd Floor, 6-Shyamsunder Marg, New Delhi - 110 001



## OUTREACH -SRI

- In two states - Gujrat(since 2005) and Bihar(since 2008).
- Gujrat-Sagbara , Dediapada , Mandavi and Netrang clusters .
- Bihar- Pusa and Muraul clusters.

## GUJRAT-SRI

- Farmers doing 1<sup>st</sup> time-3365
- Farmers doing 2<sup>nd</sup> time-724
- Farmers doing 3<sup>rd</sup> time-112
- Farmers doing without our support-600
- Total farmers doing SRI -6149




## BIHAR-SAMASTIPUR(PUSA SHT)- OUTREACH

- Started in 2008 Kharif season
- Started with 24 families in 2008 .
- 405 families in 2009.
- 11 villages and 21 hamlets.
- 10 Panchayats .




**BIHAR MUZAFFARPUR(MURAUUL SHT)-OUTREACH**


- Started in 2009 Kharif season
  - Total with 82 families.
  - 9 Villages and 11 hamlets.
  - 3 Panchayats.
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**BIHAR-OUTREACH-CASTE**


Working with

- SC-  
Chamar,Dushad,Mushar,Paswan,Dhobi,  
Nai.
  - Minority-Muslims(Ansari,Dhonia).
  - OBC-  
Koiri(Kuswaha),Goala,Badhai,Lohar,Kolw  
ar,Teli.
  - General-Bhumihar,
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**PROCESS FOLLOWED IN IMPLEMENTATION - BIHAR**

- Taking Experience of Gujrat and showing area to our Jivraj Bhai .
  - Exposure to Gaya(PRADAN) location
  - Village level meeting for farmers selection.
  - Input procurement and distribution.
  - Training .
  - Implementation and followup.
  - Maintaining MIS
  - KisanMela with analysis of data.
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**VARIETY USED -BIHAR**

- High Yielding Variety-  
Pravat,Sugandha,Sonalika.
  - Hybrid Variety-Arize-6444,2623  
-Pioneer-PP71
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**EXPOSURE**



**VILLAGE LEVEL MEETING**



**TRAINING**



**TRAINING**



### IMPLEMENTATION-SEED TREATMENT



### NURSERY BED PREPARATION



### TRANSPLANTING



### PADDY FIELD




**PADDY FIELD****PADDY FIELD****KISAN MELA****LEARNING**


- Tried SRI with some hybrid varieties along with the high yielding varieties.
- While selecting the varieties farmers choice had taken into account.
- Use of marker in Bihar context is difficult to use due to this clay soil.
- Faced problem in transplantaion as some farmers having nursery bed in distant field.



**LEARNING**

- As this is a new activity in some part we faced problem in doing transplantation.
  - Availability of labour.
  - Due to erratic rainfall some farmers didn't able to transplant within 12 days.
  - There is increase yield ranging from (25%-50%).
  - Other big farmers opinion-both positive and negative.
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**LEARNING**


- For input cost point of view it is better to go for high yielding variety.
  - Result of high yielding variety is better than hybrid.
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**YIELD DATA**

| Variety  | Minimum (q/acre) | Maximum (q/acre) | Average (t/ha) |
|----------|------------------|------------------|----------------|
| 6444     | 11               | 13.2             | 3.03           |
| PP-71    | 9                | 12.1             | 3.01           |
| Pravat   | 8.8              | 13.2             | 2.75           |
| Sonalika | 11               | 22               | 4.13           |


**PRODUCTION ATTRIBUTING CHARACTERS**

| Characters             | Minimum | Maximum |
|------------------------|---------|---------|
| Panicle length(cm)     | 24      | 31      |
| Productive tillers     | 20      | 48      |
| Non productive tillers | 4       | 12      |
| Total no of tillers    | 26      | 52      |



### FUTURE PLAN

- Farmers and Para workers are confident to adopt this technique in the next year.
- Make Cono weeder available to farmers.
- Train some labours to do transplanting.
- Popularise this technique for the small farmers.
- Use of this technique for some other crops.



### SWI

- Experimenting SWI(system for wheat Intensification) with 76 farmers.
- Two varieties used-PBW343,PBW373
- Adopted SWI direct sowing method.
- Crops are in 1<sup>st</sup> weeding stage.



### SWI



### SWI



SWI



THANK YOU

