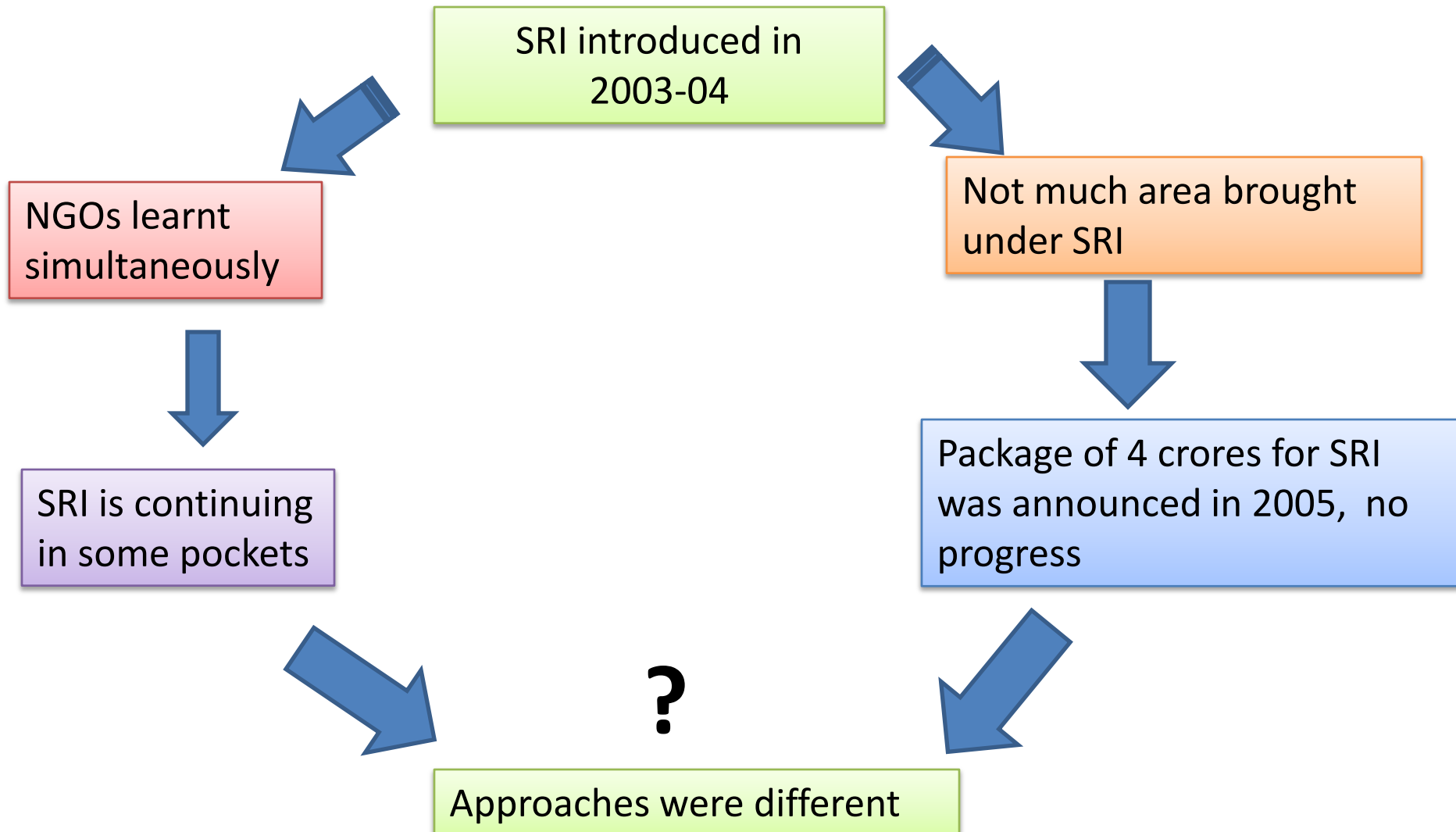


# **Joint Action Initiative on SRI (JAI-SRI) Convergent Program on SRI**

Department of Agriculture, AP SRI  
Consortium and NABARD

Bhagya Laxmi S  
AP SRI Consortium, WASSAN

# SRI Trajectory in AP- At a Glance



# Leanings' from farmers continuing with SRI in pockets ...

- Working over a **period of time**,
- in a defined area,
- **at scale** and
- with field level facilitation

→ half-hearted attempts make SRI a wasted opportunity and may lead to dis-adoption.

# AP SRI Consortium

“AP SRI consortium is an association of interested **civil society, research, extension, media, funding organizations, individuals and government departments** formed with the objective of pooling of experiences, expertise and resources for the promotion of System of Rice Intensification in the state of Andhra Pradesh”.

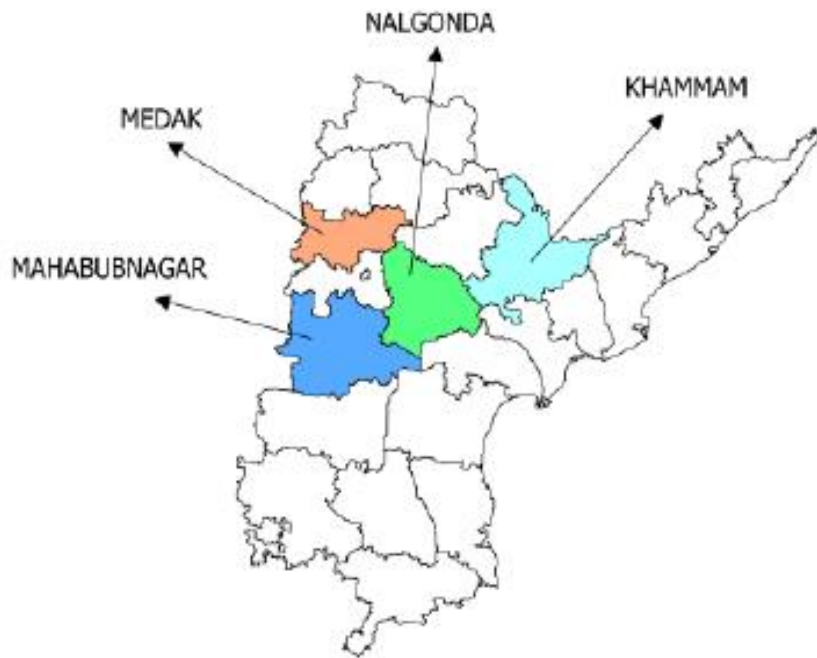
## Objective, AP SRI Consortium

To **synthesize** and **pool experiences, expertise** and other resources on SRI, accumulated over time with various associate organizations and individuals for the purpose of providing active support to promote SRI on a large scale in Andhra Pradesh

# JAI-SRI Program

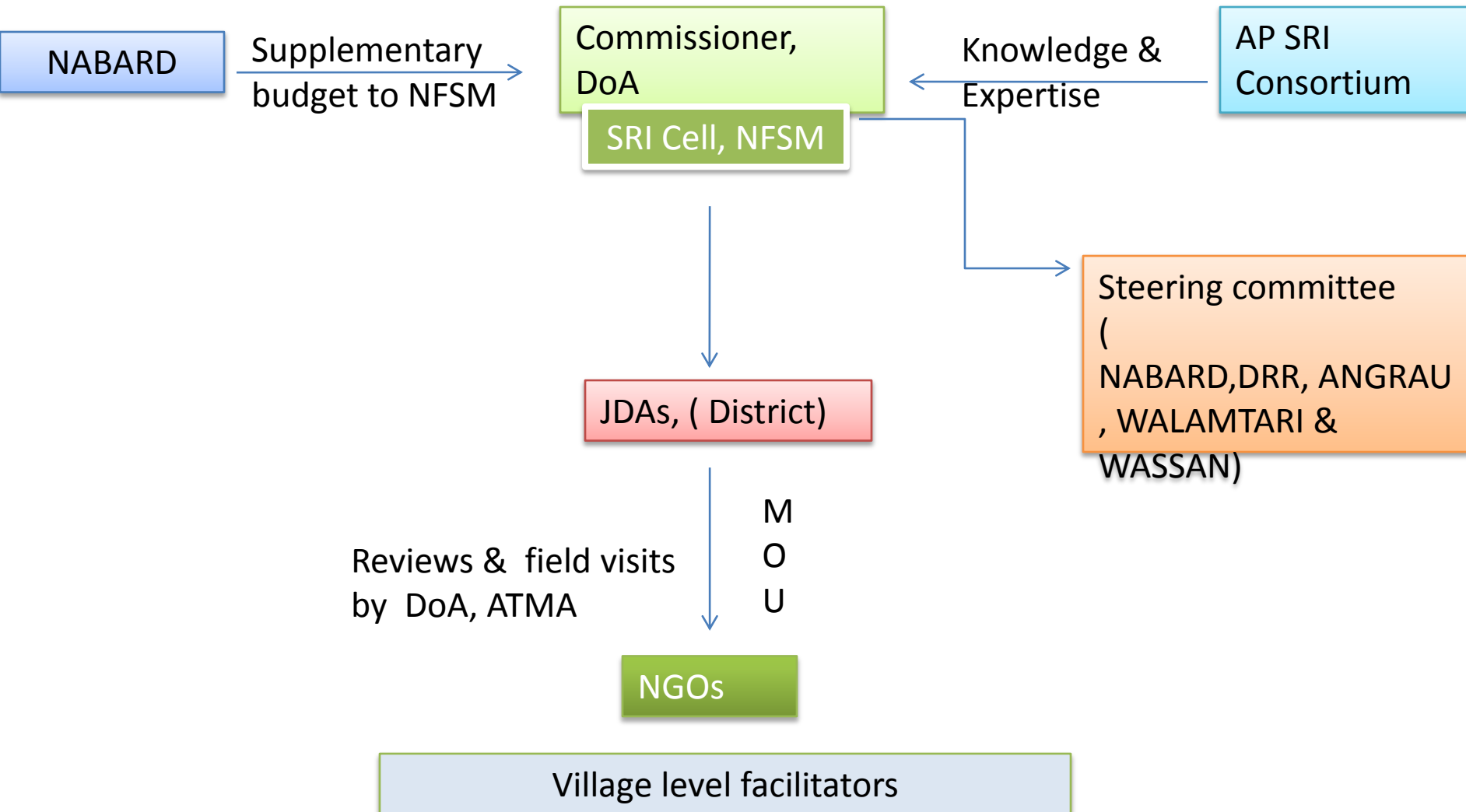
- Its a Joint action Initiative on SRI started on 2011 Rabi season
- **Anchored by** : Dept of Agri, Government of Andhra Pradesh
- **Jointly supported by NABARD and Dept of Agri and AP SRI Consortium** (Agri University, Directorate of Rice Research, NGOs & Dept of Agri).
- **Secretariat** : WASSAN
- The program has started from 2011 Rabi season.

# Operational area



S.No	DISTRICT	NGO Name	Mandal Name
1	MEDAK	ASSMA	Nangunur
2		TREES	Mulugu
3		NAVAJYOTHI	Chinnakodur
4		BASIX-1	Medak
5		BASIX-2	Medak
6	NALGONDA	SHARP	Mothkur
7		PILUPU	Thurkapally
8		ARDS	Devarakonda
9		SWEET	Kattangur
10	MAHABUBNAGAR	CROPS	Gundala
11		BMMS	Bomraspet
12		DMMS	Doulathabad
13	MAHABUBNAGAR	ECO-CLUB 1	Kondurg
14		ECO-CLUB 2	Nawabpet
15	KHAMMAM	BALAVIKAS	Ghanapur
16		JAGRUTHI	Khamma rural
17		CHESTD 2	Kusumanchi

# Institutional Arrangements



# Key features of the Pilot

- Per district
  - 1000 ha
  - 10 compact blocks in each district
  - 100 ha/ compact block
  - 30+30+40 Ha – phased manner over a period of three years
- One /two blocks will be facilitated by one implementing agency
- One Facilitator / block
- One coordinator / two blocks
- Farmer Resource Persons



# Investments over a period of three years . .

Total budget outlay for 3 years – Rs. **3.19** crores;

- DoA- Rs. **1.15** crores
- NABARD - Rs.**2.04** crores

Rs. 8256 per Ha i.e from DoA- Rs. **3133** & NABARD – Rs. **5123**

## DoA

- NFSM-
  - Seeds
  - Weeder and Markers ( On subsidy)
- Weedicides
- ATMA-
  - Trainings
  - Exposure visits
  - Field days

## NABARD

- Components
  - Inputs – organic manures & micro nutrients
  - Weeders & markers- Custom hiring ( Non subsidy)
  - Labour incentives
  - Capacity building
  - Facilitation costs
  - One person for secretariat

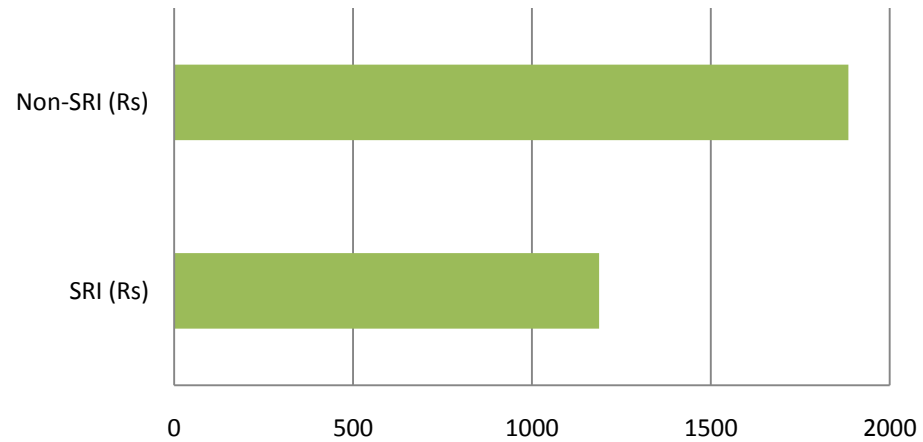
AP SRI Consortium – Synthesizing, pooling & sharing of experience, expertise and resources

# Landholding details and % of SRI area

Size (acres)	No. farmers	Total Land holding (ac)	Total paddy area (ac)	Land under SRI (ac)	% SRI to total paddy area
>0 - 2	134	242.50	228.70	149.70	<b>65.46</b>
>2 - 5	590	2254.93	1384.85	835.02	<b>60.30</b>
>5 - 10	168	1153.75	637.50	293.80	<b>46.09</b>
>10-32	20	425.00	252.00	59.00	<b>23.41</b>
<b>Total</b>	<b>912</b>	<b>4076.18</b>	<b>2503.05</b>	<b>1337.52</b>	<b>53.44</b>

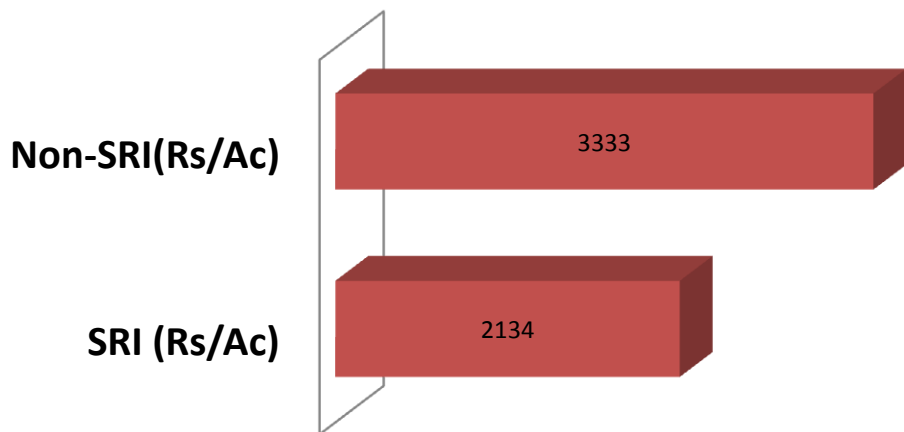
# Investment s on labour for Weeding

## Weeding cost per Acre



District	SRI- Weeding cost per Acre (Rs)			Non SRI -Weeding cost per acre (Rs.)			
	N	Mean	Std	CV	Mean	Std	CV
<b>Mahabubnagar</b>	5	3120	1163	37	1624.15	834.04	51.35
<b>Medak</b>	40	1130	497	44	1992.48	396.29	19.89
<b>Nalgonda</b>	33	966	213	22	1988.97	1207.76	60.72
<b>All</b>	<b>78</b>	<b>1188</b>	<b>693</b>	<b>58</b>	<b>1885.26</b>	<b>785.6</b>	<b>41.67</b>

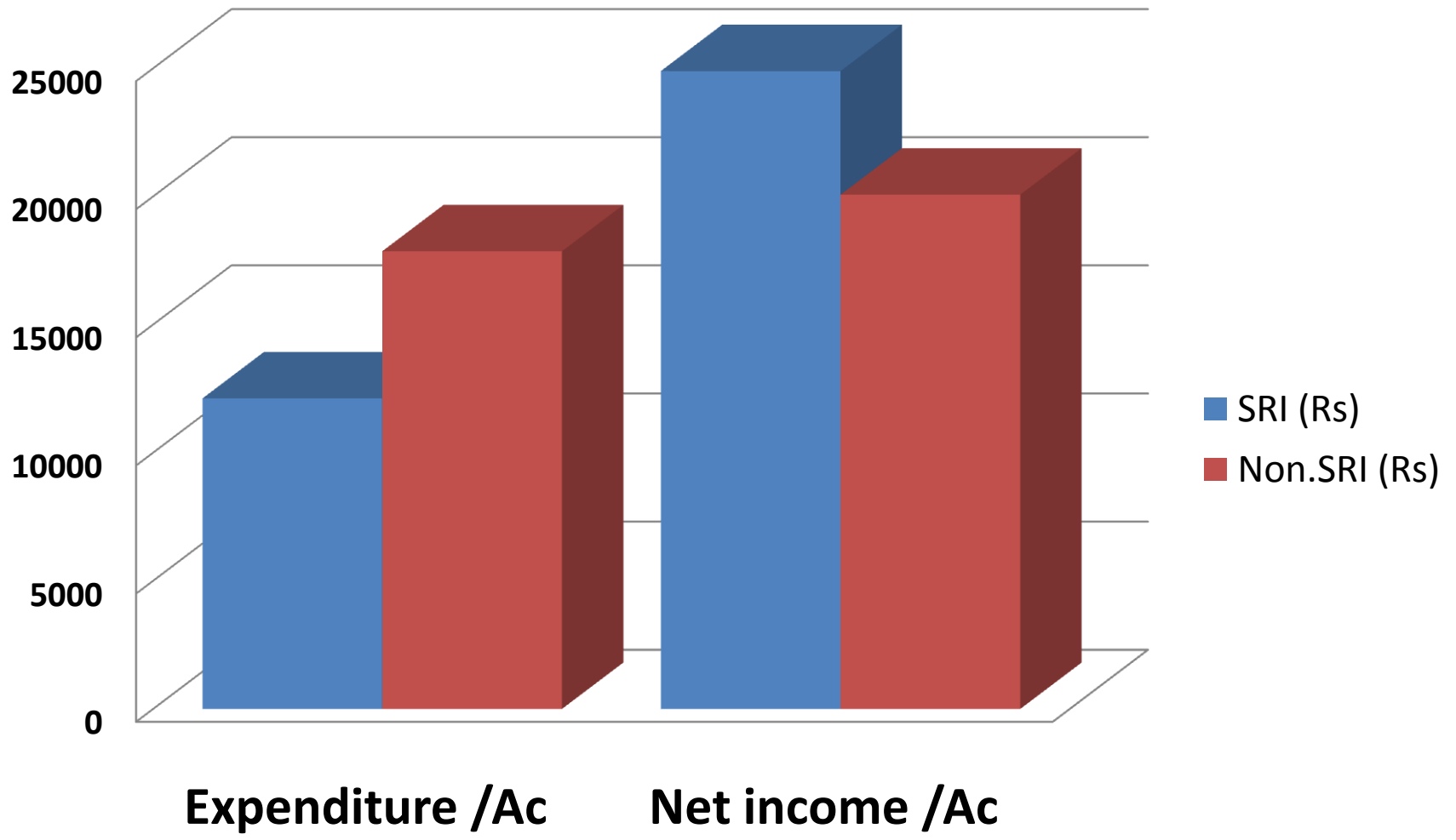
## Investment on Fertilizers per Acre



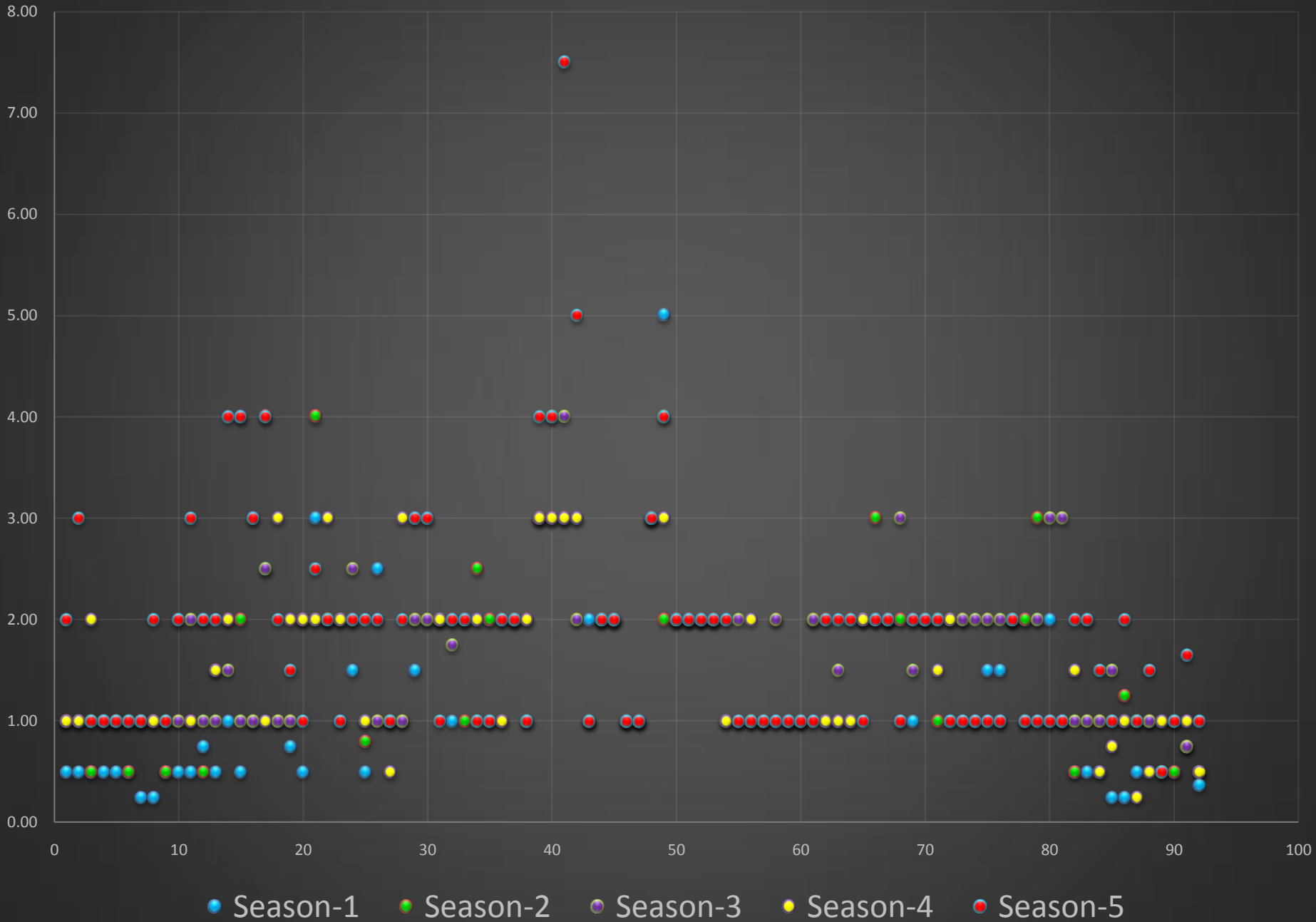
## Fertilizer Investment per Acre

District	Fertilizers cost per acre (in Rs.) - SRI				Fertilizers cost per acre (in Rs.) - NON SRI			
	N	Mean	Std	CV	N	Mean	Std	CV
Khammam	316	1990.61	741.73	37.26	5	6300	2706	43
Medak	371	2017.03	872.05	43.23	40	1982	644	33
Nalgonda	155	2707.75	943.99	34.86	51	4101	1799	44
<b>All</b>	<b>842</b>	<b>2134.27</b>	<b>882.18</b>	<b>41.33</b>	<b>96</b>	<b>3333</b>	<b>1932</b>	<b>58</b>

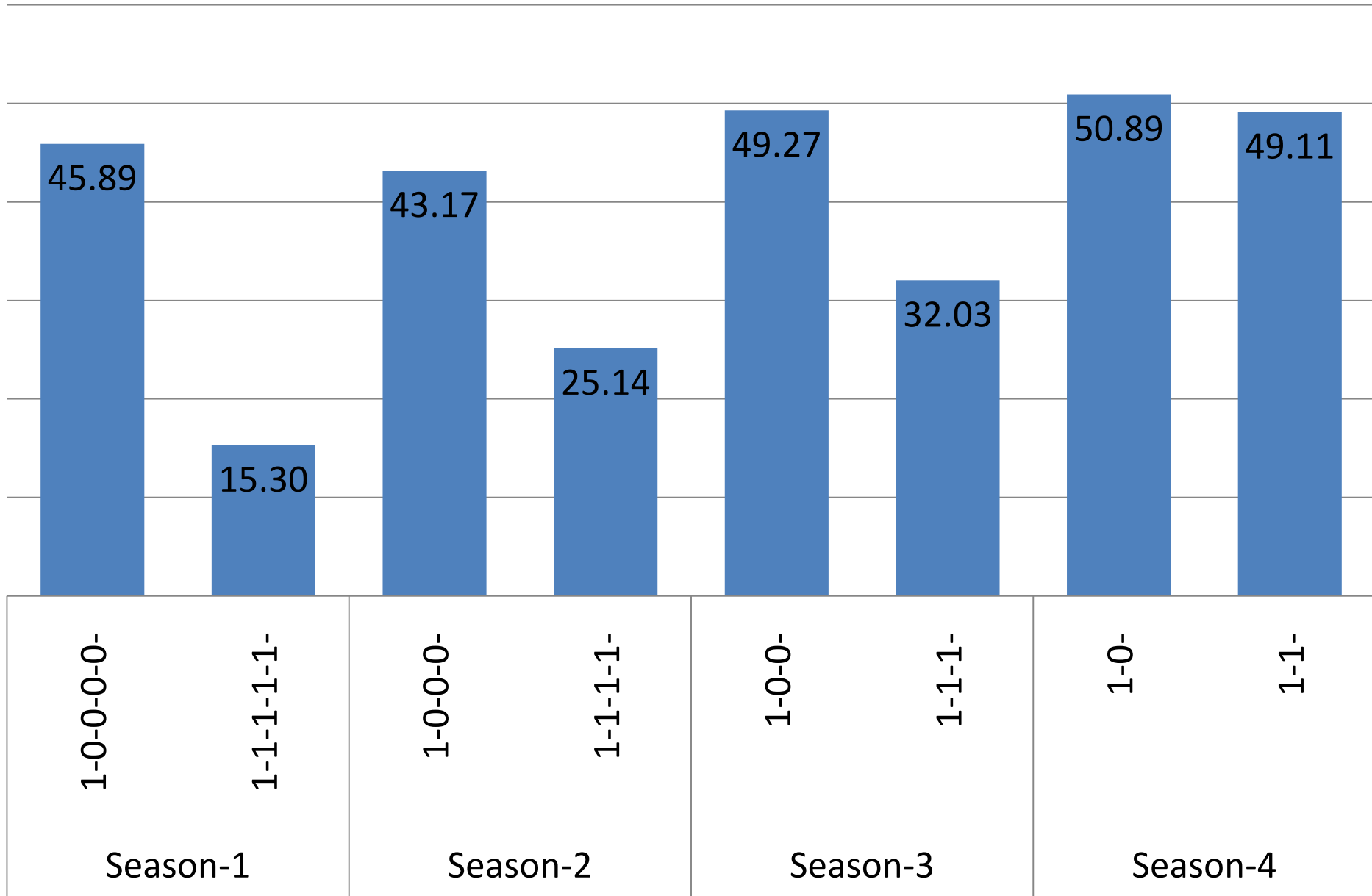
# Income (Rs/Acre)



# Spread of farmers area across different seasons



# % farmers dropped and continued during different seasons



# Villages with >50% Rice area under SRI

S. No	District	Mandal	Village name	Paddy area (Ac)	SRI area (Ac)	% of SRI are to total paddy area
1	Medak	Chinna Kodur	Kacharam palli	82	64	<b>78.05</b>
2	Medak	Chinna Kodur	Chelkalapalli	59	52	<b>88.14</b>
3	Medak	Gatla malyala	Gatlamalyala	152	80	<b>52.63</b>
4	Medak	Gatla malyala	Amlet	80	68	<b>85.00</b>
5	Medak	Medak	Kothapalli	195	104	<b>53.33</b>
6	Medak	Medak	Wadi	182	101	<b>55.49</b>
10	Medak	Mulugu	Adavimasjid	70	43	<b>61.43</b>
7	Nalgonda	Mothkur	Aregudem	70	45	<b>64.29</b>
8	Nalgonda	Mothkur	Seetharamapuram	127	73	<b>57.48</b>
9	Mahabubnagar	Ghanpur	Parvathaper	115	68	<b>59.13</b>
			<b>Total</b>	<b>1132</b>	<b>698</b>	<b>61.66</b>