

Last session of Symposium?



Problems are
half of the
solutions

Whether FLDs are
addressing right
problems ?





Making demonstrations
conspicuous

Demonstrate what?

Improvements



Innovation



Cafeteria of options?



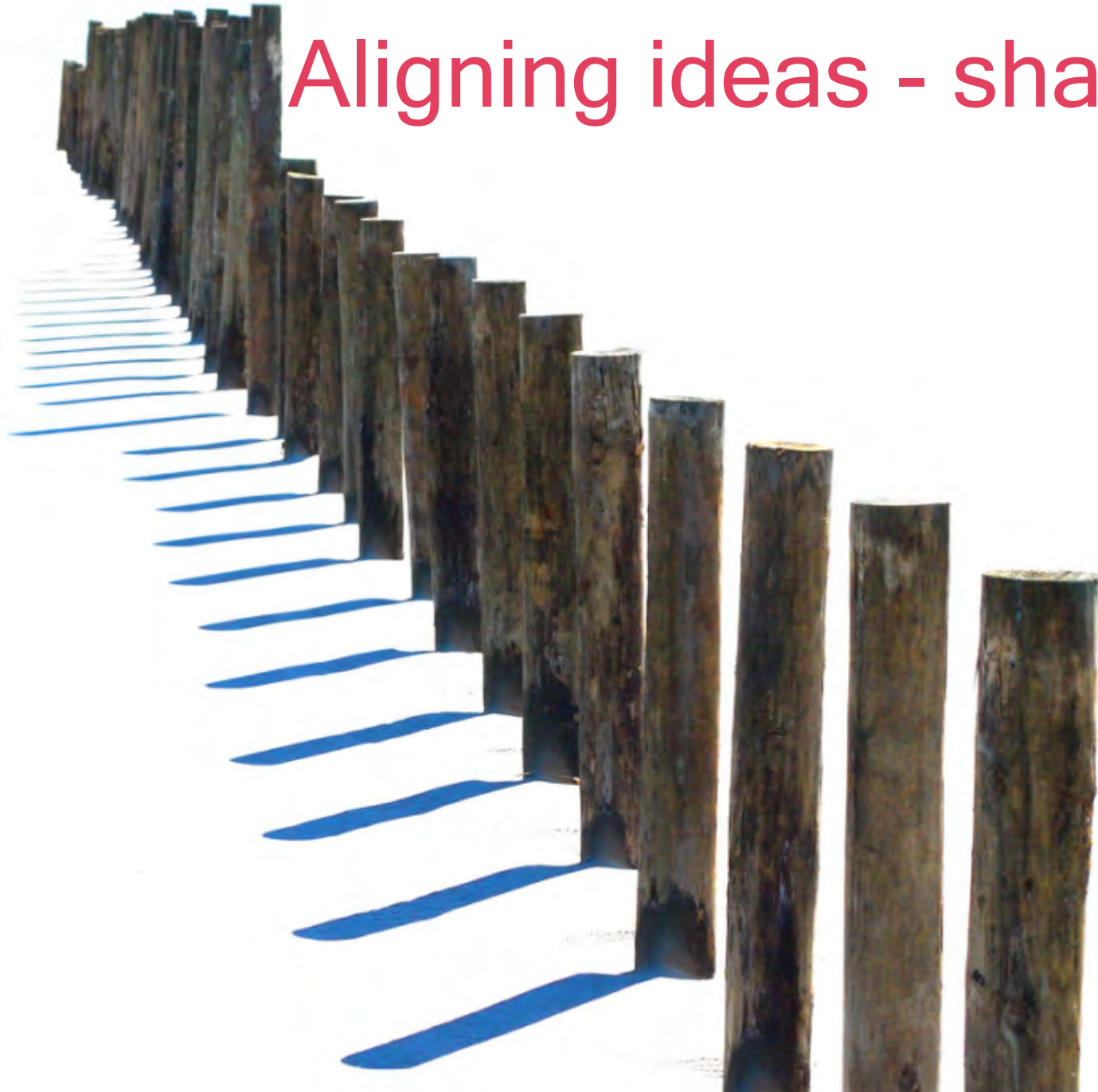
One FLD - many stakeholders
Do we follow this?



Do we have Measurable Indicators



Aligning ideas - sharing

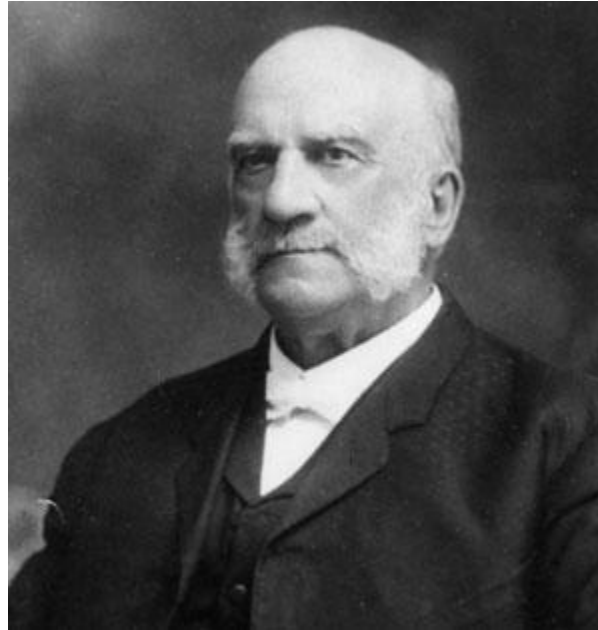


Frontline Demonstrations on Hybrid Rice: Present Status and Future Prospects

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Muthuraman, and BC Viraktamath





"What a man hears, he may doubt;
what he sees also, he may doubt;
but what he does, he cannot doubt."

Seaman A. Knapp
(Founder of Concept of Demonstrations)



Purpose is almost same

FLDs on Hybrid Rice



Result demonstration

Method demonstration

National demonstrations

On-farm Research

Minikit Trials

Front-line Demonstrations...

is not about the distribution of seed



About FLDs on Rice

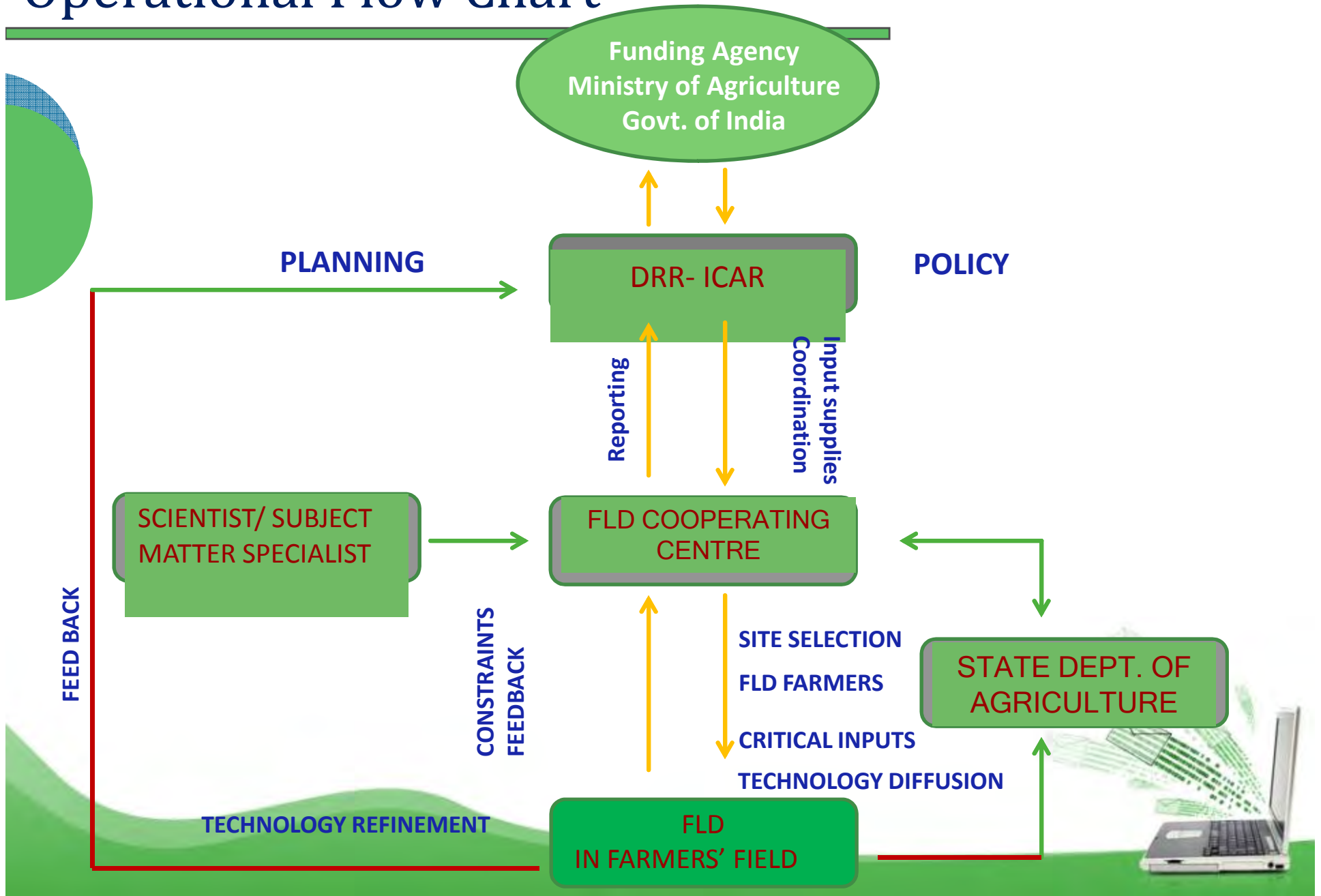
- ◇ Since 1990
- ◇ Hybrid Rice FLDs - 1998
- ◇ Planning and coordinated by DRR
- ◇ Implementation by AICRIP Centres

Macro-management scheme of Federal Government of India



Operational Flow Chart

FLDs on Hybrid Rice



Objectives

- ◇ Demonstrating the cost effective varietal/ hybrid and pest management options for rapid spread of new technologies
- ◇ Providing better varietal/ hybrid choice for diverse agro-ecosystems
- ◇ Facilitating rapid multiplication of quality seed/organized spread of newly introduced varieties
- ◇ Complementing the ongoing efforts of Ministry of Agriculture/other agencies for achieving higher agricultural productivity in India
- ◇ Acquainting extension functionaries and the local farmers with new technologies



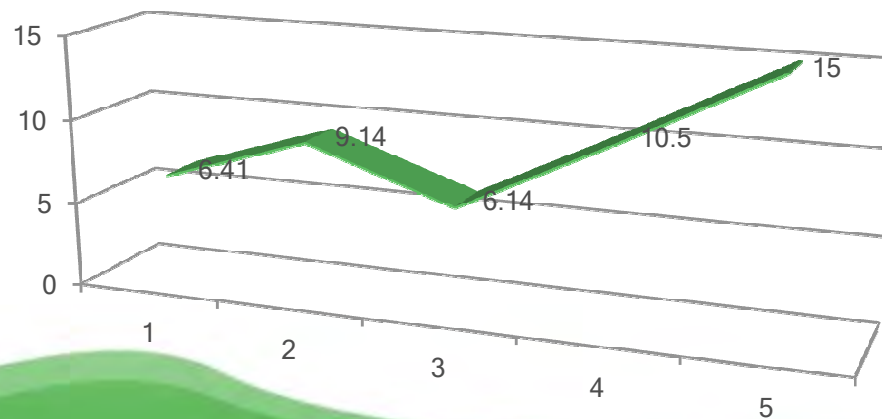
Financial Support

Sl. No.	Component	Amount (Rs.)	USD
1	Cost of critical inputs to supplement cultivation charges	4650	93
2	Organization of Field Day	500	10
3	Display board and publicity material	350	7
4	Visit of scientists - POL, hiring of Taxi, etc. (excluding TA/DA)	500	10
5	Contingencies, typing results, Preparation of reports	500	10
	Total	6250	125



FLDs on Hybrid Rice: Recent Trend

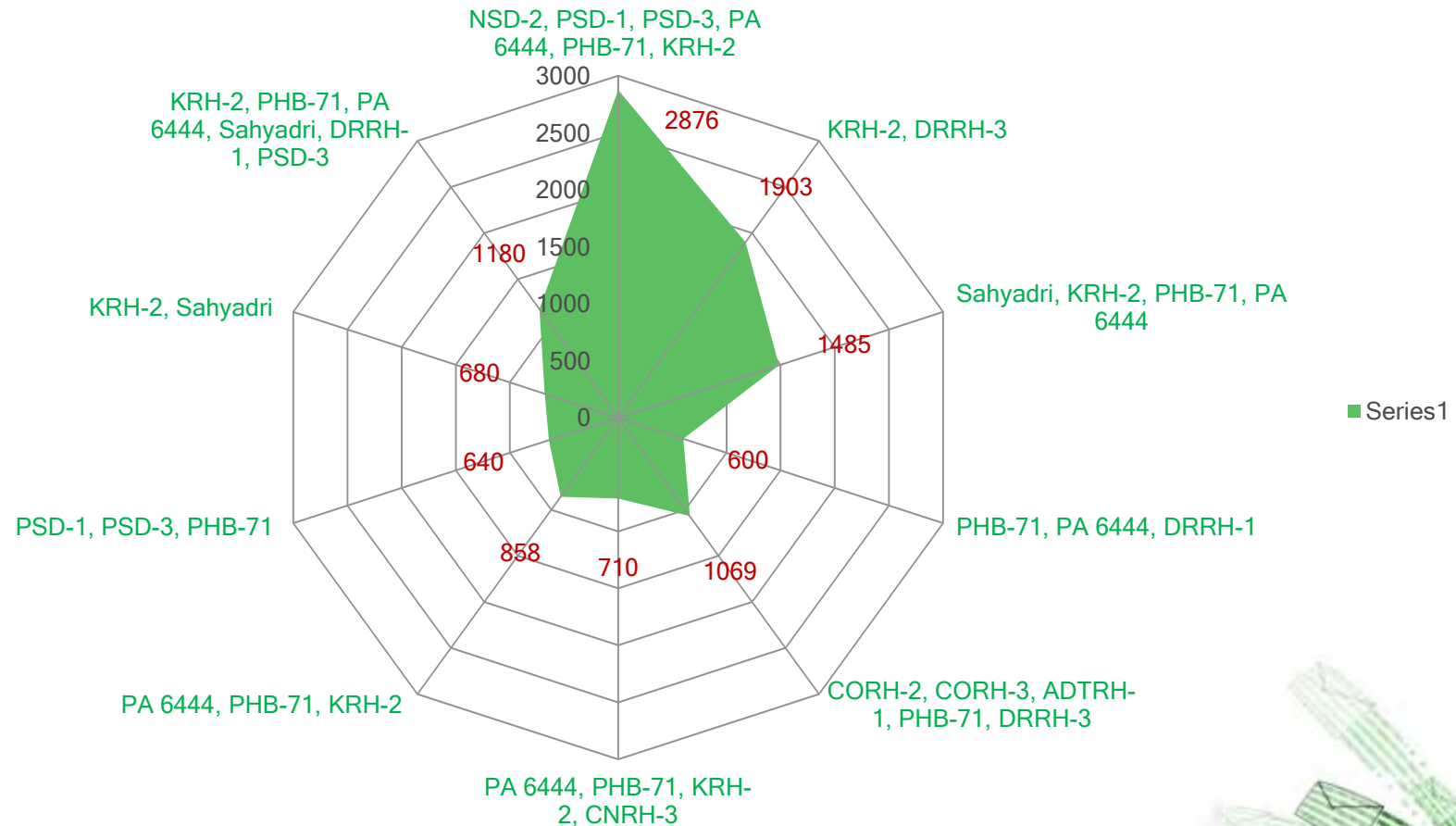
Year	Total FLDs	Hybrid FLDs	Percentage
2012	700	108	15
2011	300	31.5	10.50
2010	700	43	6.14
2009	700	64	9.14
2008	2700	173	6.41
Total		419.5	



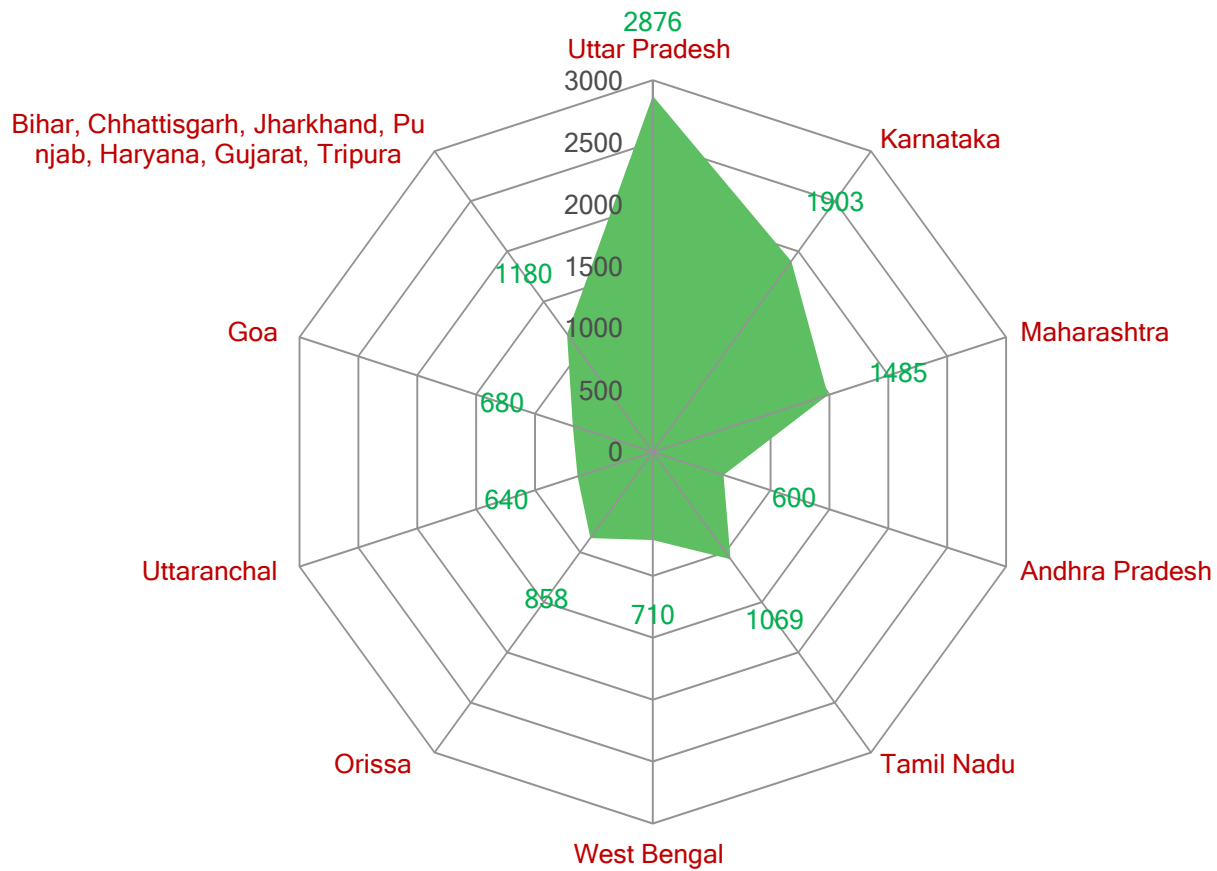
Overview of Hybrid Rice FLDs: 14 years

State	Hybrids demonstrated	No. FLDs (1 ha. Each)	Yield advantage (kg/ha.)
Uttar Pradesh	NSD-2, PSD-1, PSD-3, PA 6444, PHB-71, KRH-2	2876	850-2215
Karnataka	KRH-2, DRRH-3	1903	700-1650
Maharashtra	Sahyadri, KRH-2, PHB-71, PA 6444	1485	1450-2610
Andhra Pradesh	PHB-71, PA 6444, DRRH-1	600	650-1170
Tamil Nadu	CORH-2, CORH-3, ADTRH-1, PHB-71, DRRH-3	1069	715-1210
West Bengal	PA 6444, PHB-71, KRH-2, CNRH-3	710	1020-1670
Orissa	PA 6444, PHB-71, KRH-2	858	810-1050
Uttaranchal	PSD-1, PSD-3, PHB-71	640	780-1158
Goa	KRH-2, Sahyadri	680	780-1155
Bihar, Chhattisgarh, Jharkhand, Punjab, Haryana, Gujarat, Tripura	KRH-2, PHB-71, PA 6444, Sahyadri, DRRH-1, PSD-3	1180	950-1870
	Total	12001	

FLD Clusters to Cafeteria of options

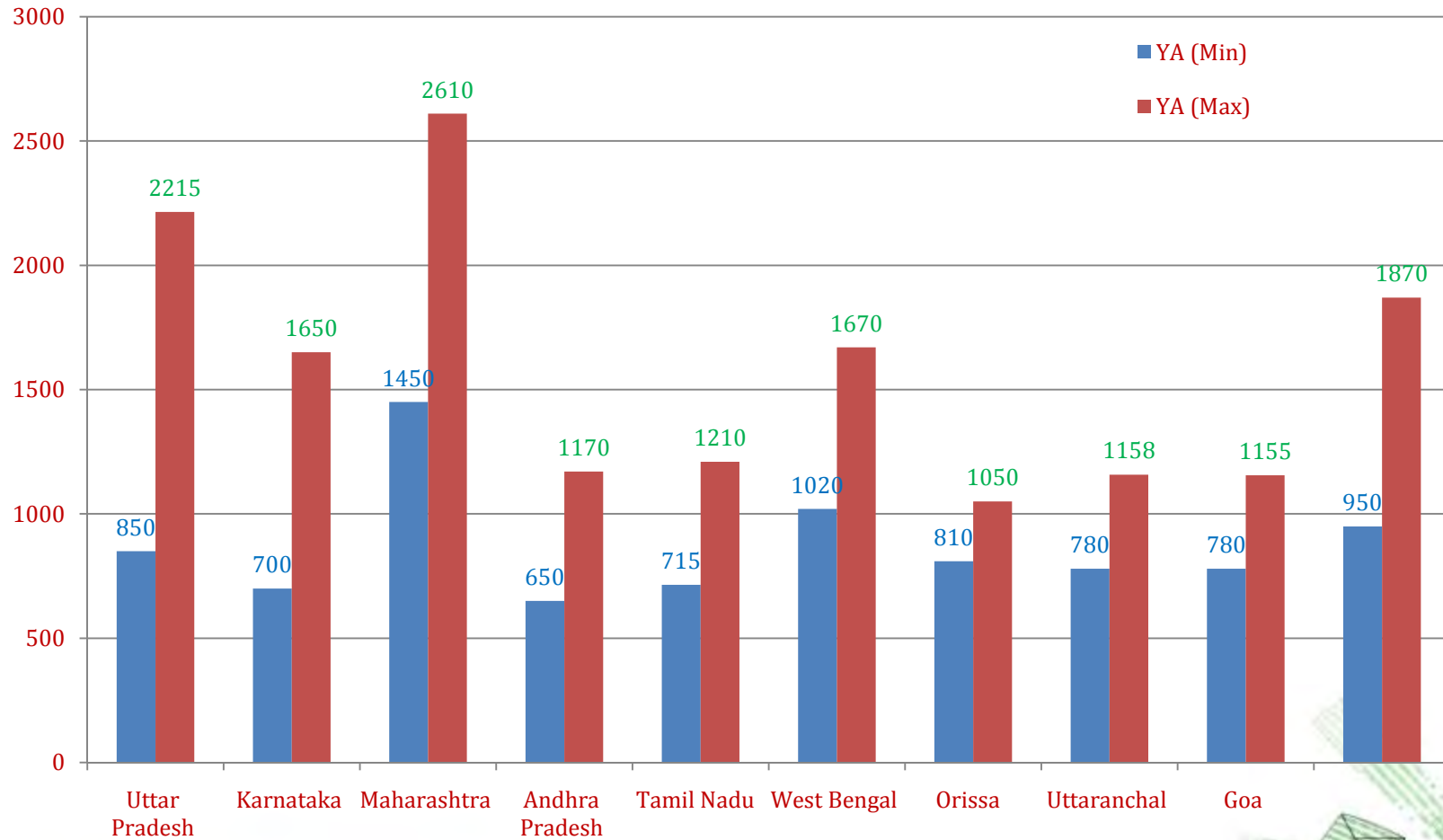


State-wise



Yield Advantage Range

FLDs on Hybrid Rice



Promising Hybrids Identified

State	2007	2008	2009	2010	2011
Gujarat	Indira Sona				DRRH 3
Jharkhand	PA 6444	PA 6444		PA 6444	PA 6444
	KRH-2	PHB 71		PA 6444 (SRI Method)	
		PUSA RH 10			
Karnataka	KRH-2	KRH-2			DRRH 3
Tamil Nadu	CORH-3	CORH 3		CORH 3	CORH 3
					DRRH 1
Uttar Pradesh	NDRH-2	PHB 71	PA 6444	PHB 71	PA 6444
	PHB-71	PA 6444			PHB 71
					DRRH 3
Chhattisgarh			Indirasona		Indirasona
Madhya Pradesh					PA 6201
Maharashtra	Sahyadri-4				
Uttaranchal	Pusa RH-10				
Pondicherry	CORH-3				

