



GRES (GREEN REVOLUTION IN EASTERN STATES)

2010/11 – 2013/14



Background

- ❑ In Gangetic belt of Hooghly & Burdwan districts of West Bengal, India, large number of small and marginal farmers grow rice in traditional way, by using traditional and local varieties.
- ❑ Productivity was low and awareness on new technology is very low.
- ❑ Improve productivity and ultimately uplifting their socio economic status.



GRES - Objectives

To train the rice growers in West Bengal on :

- ❑ Cultivation of hybrid rice to enhance productivity
- ❑ Responsible use of Pesticides in rice
- ❑ Integration of IPM principles in rice cultivation
- ❑ Finally Impart training on all aspects of rice cultivation. **Scope is from seed to seed.**



Project initiation - 2011

- ❑ Initiated the project in 20 villages of Burdwan & Hooghly districts of West Bengal.
- ❑ Enrol minimum 20 rice growing, small land holding famers from each village.



Plan

- Started project with base line survey by BCKV.
- Conduct post season survey, at the end of each season, to evaluate the impact of project in terms of yields.
- Based on findings, make changes in training methods.
- Each year, add more villages or contact farmers.





Activities

Nearly about 100 villages are being covered as of now.....

- ❑ Dr. Martin Gibson and Dr. Keith Jones helped in integrating good learning's from across the World.
- ❑ Emphasis was given on right application of technology and safe handling of pesticides.
- ❑ CLI Members provided their own Hybrid rice seeds and followed it up with advice on the GAP.
- ❑ Training on “Safe & Judicious Use' emphasizing the importance of PHI & MRL” were conducted.

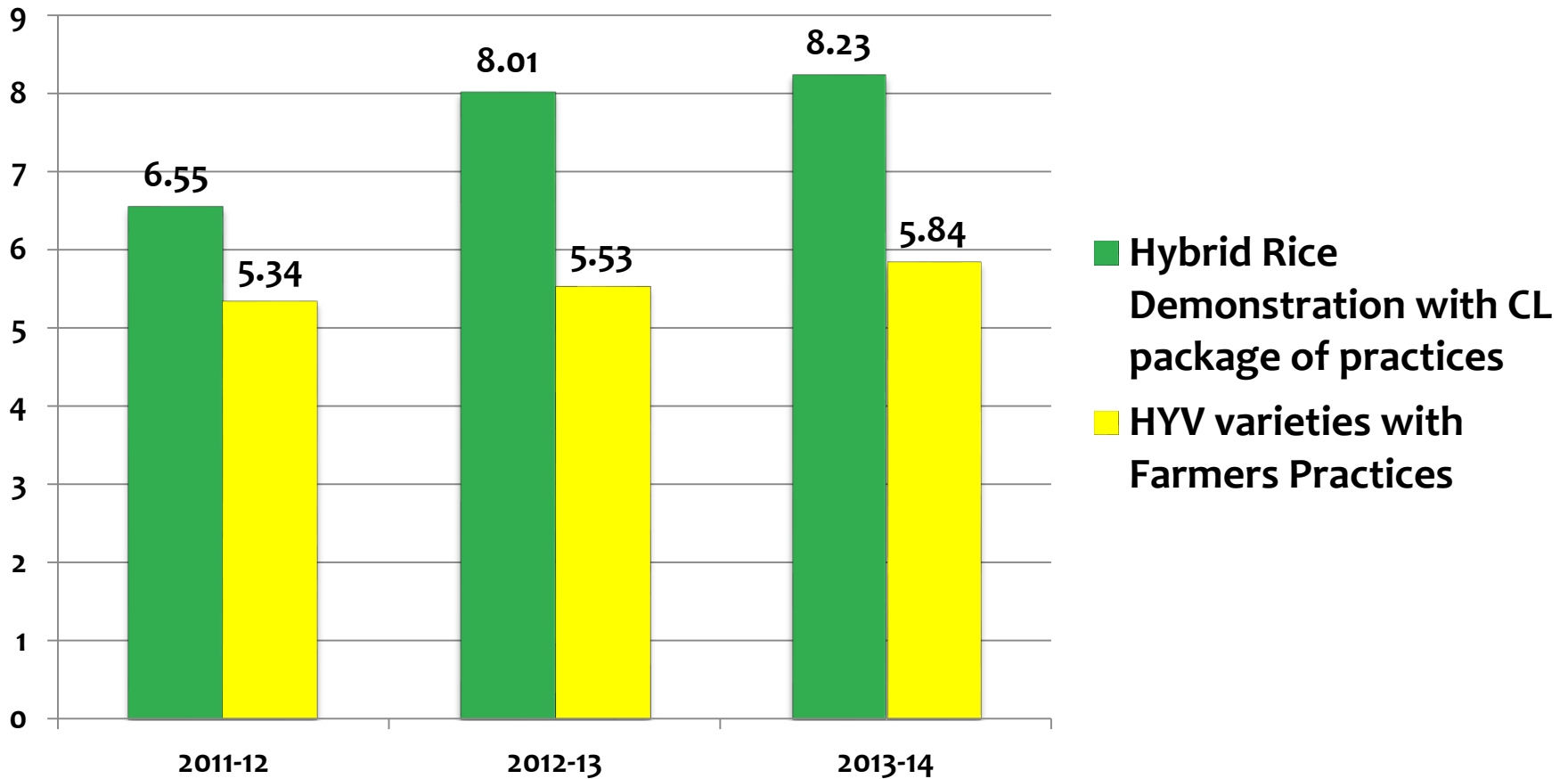


Outcome - Demonstrated real sustainable impact

- ❑ The benefit of both Hybrid as also GAP could be clearly demonstrated.
- ❑ Demonstrated the role of judicious use of agro chemical and importance of IPM
- ❑ These were achieved by the farmers themselves and hence 'Replicable'!
- ❑ Farmers are keen to readily accept changes, once they realize the benefits of adopting safe & judicious use of inputs.



Outcome - Demonstrated Yield Improvements (Tons / Ha.)



Project Partners - Best Example of PPP

- ❑ Crop Life
- ❑ Department of Agriculture and Cooperation, Govt.of India
- ❑ Department of Agriculture, Govt. of West Bengal
- ❑ BCKV: Agriculture University

