

## PRODUCT TESTING OF “MR.RICE” IN PADDY

1. Product Testing done at : Department of Soil Science & Agricultural Chemistry  
J.N KrishiVishwaVidyalaya, Jabalpur (MP)
2. Product Testing done by : Dr. B. Sachidanand, Dr. H. K. Rai, & Dr. S. S. Baghel
3. Season : *Kharif* 2013
4. Treatment Schedule : 2 time (Application of Mr. Rice seven days after planting & before flowering)
5. Replication : 04
6. Total number of plots : 08 (4 treated and 4 control)
7. Plot Size : 10 m X 10 m = 100 m<sup>2</sup>
8. Crop & Variety : Paddy (Kranti)
9. Seed Rate : 100 kg ha<sup>-1</sup>
10. Transplanting Date : 29-08-2013
11. Harvesting Date : 29-08-2013
12. Details of treatment :

<b>Application of Mr. Rice</b>		
<b>Spray Combination 1</b>	<b>Spray Combination 2</b>	<b>Soil Application</b>
Seven Days after Planting	Before Flowering	
Spray of 4 ml Mr.Phos + 4 ml Foliar + 3 ml Magic + 1 ml Wet Magic per Liter of water at the noon	Spray of 4 ml Mr.Phos + 4 ml Hume Magic + 3 ml Magic + 1 ml Wet Magic per Liter of water at the noon	Mix 3.0 Kg of Mr. Rice with Organic manure / Fertilizer

13. Data collected for the traits: Plant height, Total & Productive no. of tillers, Yield of grain & straw
14. Result : The detail pertaining to the important trait
- Plant Height, Number of Tillers per hill under Mr. Rice Treated plots were 38.9 and 34.1 per cent higher than untreated plots
  - Number of Productive Tillers (24.3) per hill was 47.0 per cent higher than untreated plot.
  - Grain yield (23.1 q/ha) in Mr. Rice treated plots was 78.3 per cent higher than control but straw yield (21.9 q/ha) was 18.5 per cent lower as compared to untreated plots.
  - Average productivity of rice was more than 48.7 per cent as compared to control under Farmer's participatory demonstration trail at Farmer's field
15. Conclusion : The trail was done at Research Farm of JNKVV, Jabalpur and Farmer field. The effect of Mr. Rice is observed to be useful for enhancing the productivity of rice.

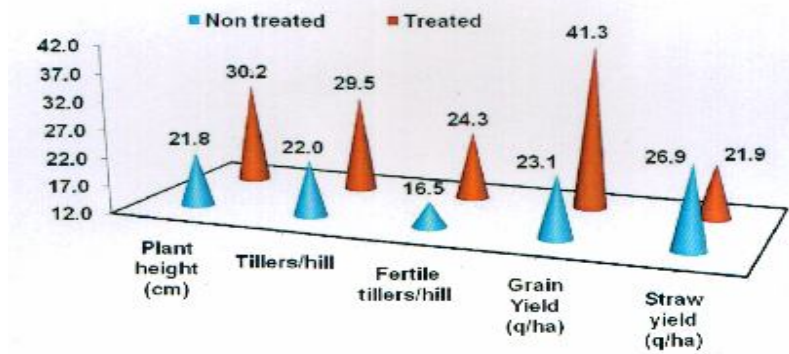
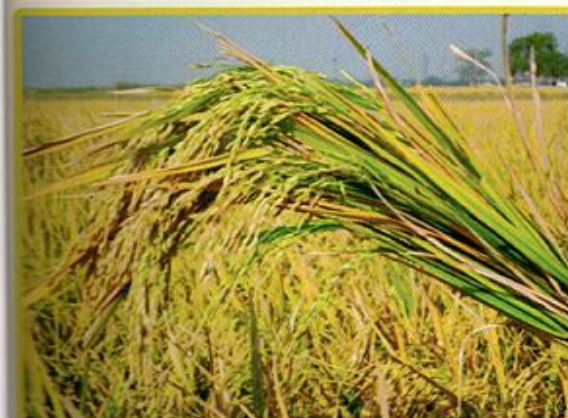


Fig. 1: Effect of Mr. Rice Treatment on performance of Rice cv. Kranti.



Experimental site of Mr Rice



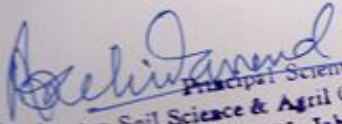
Treated with Mr Rice

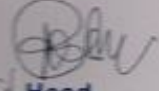
Untreated (control)

Soil Science & Agricultural Chemistry  
J.N.K.V.V. Jabalpur

## Certificate

Certified that the information given in the report carried out under the report has been critically analyzed interpreted by the undersigned. No part of the data of the report has been utilized for non official purpose.

  
Principal Scientist  
Soil Science & Agril Chemistry  
J.N.K.V.V. Jabalpur

  
Head  
Dept. of Soil Sci. & Agril. Chemistry  
J.N.K.V.V. JABALPUR

Director Research Services

  
30.01.2014  
Dy. Director Research  
Directorate of Research Service  
J.N.K.V.V., Jabalpur