

Boron in Rice

Date: 8/2011

Location: Indonesia Rice Research Institute, West Java, Indonesia

Crop variety: INPARI 13

Trial design: 3 treatments; 4, 8, 10 kg Fertibor/ha strip trials, 2 applications: 1st application 7 days after planting, 2nd application 42 days after planting.

Results

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| 1. Increases Leaf Chlorophyll Index – SPAD | 4. Increases grain filling |
| 2. Increases Root Development | 5. Reduces chaffiness |
| 3. Increases Yield by 8-20% | 6. Speeds maturity |

No.	Parameter	RESULT	
		CONTROL	FERTIBOR
1	Estimate Yield dry grain (ton/ha)	8220	8930
2	Moisture -grain harvested (%)	18.2	17.9
3	Increasing (kg/ha)	710	
4	Percent	7.10%	
5	Benefit per hectare (USD)	139.58	