

# Boron in rice

## Study details

Date: August 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:

- First application: 7 days after planting
- Second application: 42 days after planting

## Results

- Increases Leaf Chlorophyll Index – SPAD
- Increases root development
- Increases yield by 8-20%
- Increases grain filling
- Reduces chaffiness
- Speeds maturity

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Number	Parameter	Results	
		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	