

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	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