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# IRRI **IRRC Meta-Impact Assessment in 2012** Used existing documents and data, and short field Meta-Impact Assessment of the Irrigated Rice Research Consortium visits Considered all IRRC technologies Focused on 4 of 10 IRRC countries Bangladesh, Indonesia, Philippines, Vietnam IRRI Rice Science for a Better http://books.irri.org/9789712202971 content.pdf World













### IRRI Impacts from fertilizer industry investment far exceed economic benefits in Bangladesh

## 2005-2012

Rice

World

- Department of Agricultural Extension promoted LCC
- ~ 600,000 distributed to rice farmers
- Total economic benefits of US\$ 22.8 million

# At 2016 (benefits 4 years to future)

- Projected total economic benefits of US\$ 76.3 million
- Benefits far exceed the total 16 year investment in nutrient management of the IRRC of
  - US\$ 1.75 million from fertilizer industry
  - US\$ 6.6 million total for nutrient management

Projected benefits for only Bangladesh already exceed investment of fertilizer industry > 10 times Science for a Better







### IRRI Investment of fertilizer industry enabled development of Nutrient Manager for Rice Uses scientific principles of Nutrient Manager for Rice Philippines Version 2.2 site-specific nutrient management (SSNM) Used by extension worker, crop advisor, or service provider to interview farmer Aims to increase income of farmer by US\$100 per ha per crop IRRI Provides customized recommendation for a farmer's www.irri.org/nmrice field through mobile phone or computer Rice Science for a Better World











