

Results of using BioAktiv for Plants for rice cultivation with irrigation system (Brazil)

Variety: IRGA 424

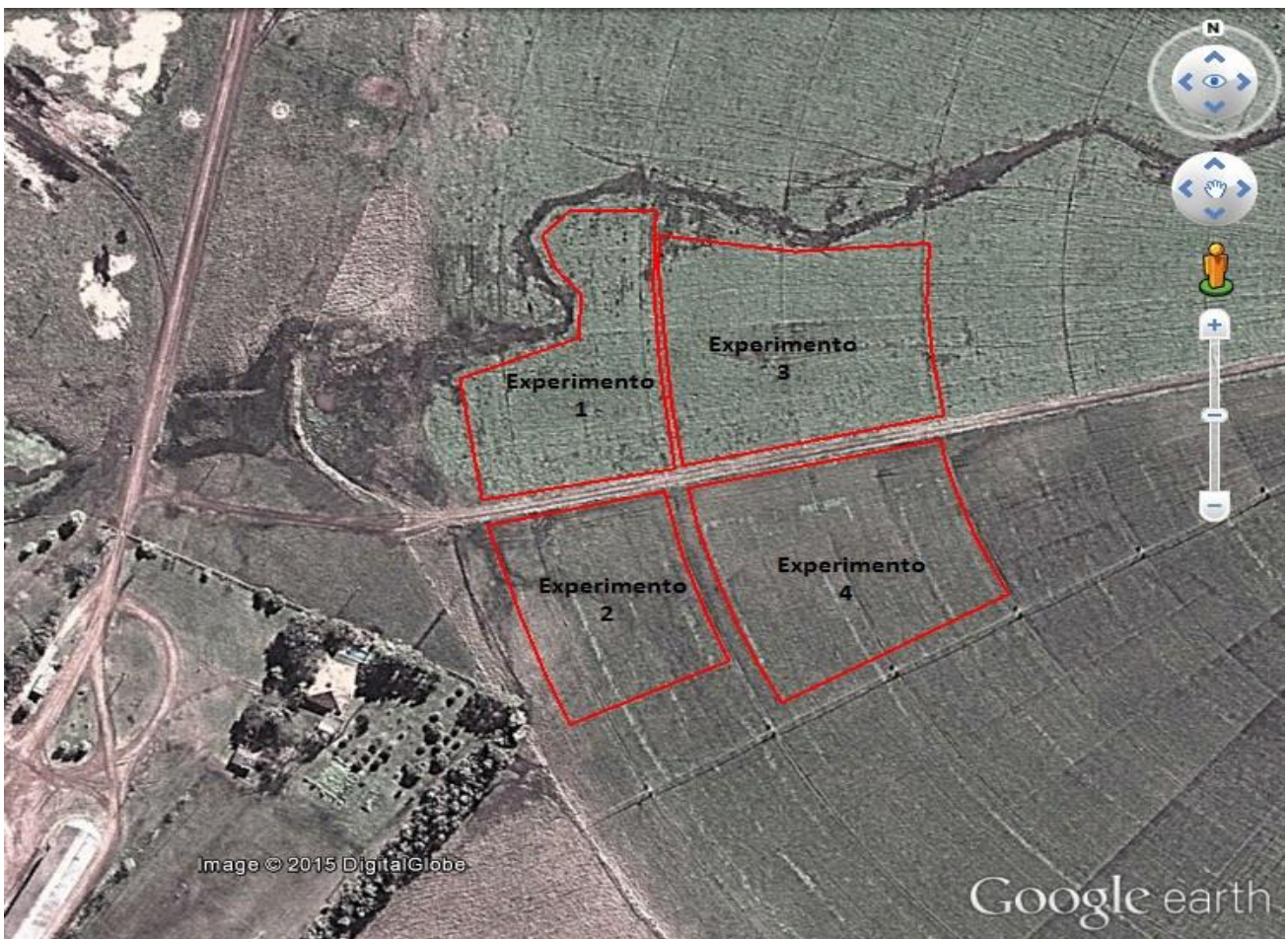
Seed density: 90 kg of seeds/ha¹, irrigated field

Date of sowing: Oct. 27, 2014

BioAktiv application: 1kg/ha, applied 4 weeks after planting with herbicides

Basic fertilizer: 180 kg/ha¹ NPK 12-38-18 and application of 100 kg/ha¹ KCL and 100 kg/ha¹ urea

View of trial plots

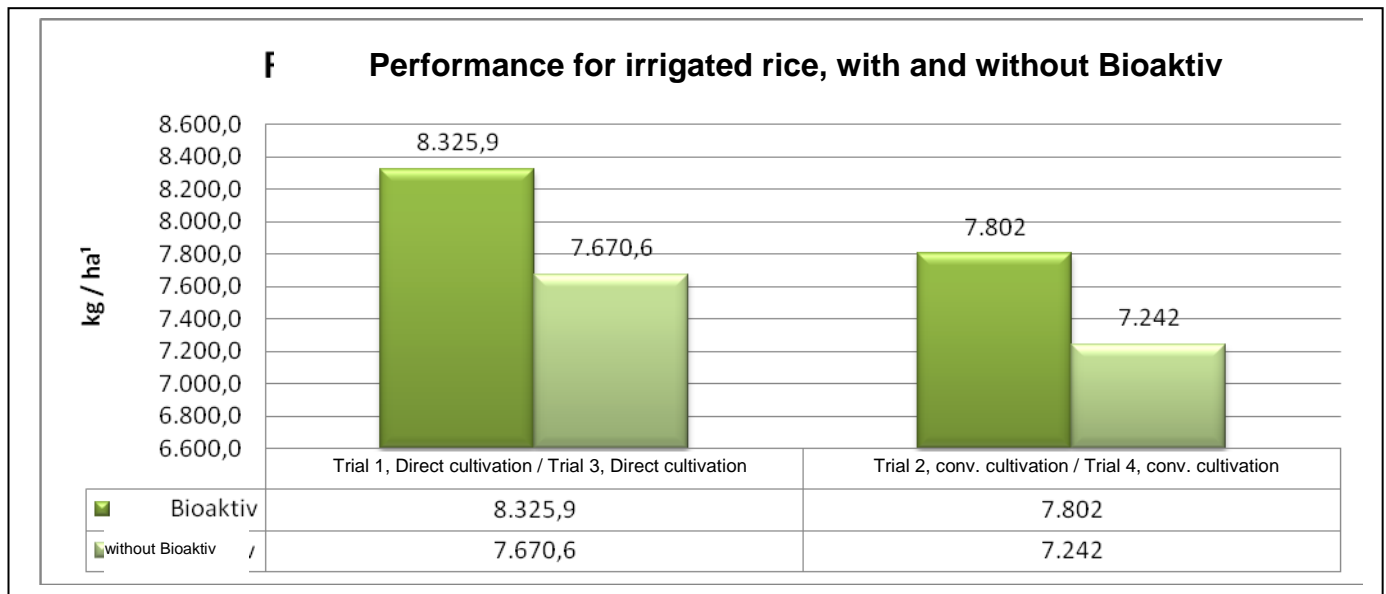


Experimento = Trial area

Rice field data, direct and conventional cultivation with and without BioAktiv

Trial 1 without BioAktiv, Direct cultivation		Trial 3 with BioAktiv, Direct cultivation	
Area	0.68 ha	Area	0.92 ha
Harvest	6,300 kg	Harvest	8,700 kg
Moisture	20%	Moisture	17.40%
Contamination	2.50%	Contamination	2.50%
Prod. Dry F.*)	5,216 kg	Prod, Dry F,*)	7,577kg
Yield/ha	7,670.6 kg	Yield/ha	8,235.9 kg
Performance	60 x 8	Performance	58 x 6
Trial 2 without BioAktiv, conventional cultivation		Trial 4 with BioAktiv, conventional cultivation	
Area	0.6 ha	Area	0.9 ha
Harvest	5,100 kg	Harvest	8,100 kg
Moisture	17.6%	Moisture	17.40%
Contamination	2.5%	Contamination	2.5%
Prod. Dry F.*)	4,422 kg	Prod. Dry F.*)	7,022 kg
Yield/ha	7,249 kg	Yield/ha	7,802 kg
Performance	61 x 7	Performance	58 x 6

*) Abbreviation F unknown



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- In direct cultivation yields rose 563.3 kg/ha¹, or 7.3%, after application of 1 kg/ha¹ BioAktiv.
- In conventional cultivation yields rose 553 kg/ha¹, or 7.65% after application of 1 kg/ha¹ BioAktiv.
- The average increase for the two cultivation systems was 559.1 kg/ha¹, or 7.49%.